QUADRANGLE

MAPS

Of The

STATE OF NEW MEXICO

NEW[illegible]CO S[illegible]HIGH[illegible]DEPA[illegible]NT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

SANTA FE QUADRANGLE - 31

SANTA FE SAN MIGUEL MORA & RIO ARRIBA COUNTIES

QUADRANGLE MAPS OF THE STATE OF NEW MEXICO

PLANNING AND PROGRAMMING DIVISION

IN COOPERATION WITH THE

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

SANTA FE QUADRANGLE 31

QUADRANGLE MAPS
OF THE
STATE OF NEW MEXICO

PREPARED BY THE

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION

IN COOPERATION WITH THE

U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

These maps have been prepared by the New Mexico State Highway Department, Planning Division, in co-operation with the Bureau of Public Roads of the U. S. Department of Commerce.

The base for these maps is a compilation, on a modified conic projection, of Bureau of Land Management approved plats of surveys geodetically controlled by Planning Division and U. S. Forest Service ties between numerous township corners and triangulation stations.

Drainage information was obtained from U. S. Soil Conservation Service, U. S. Geological Survey, U. S. Forest Service, U. S. Division of Grazing, and U. S. Bureau of Land Management. Control for the adjustment of aerial drainage to the land survey system was established by field parties of the Planning Division.

Road locations and types, positions of buildings and similar data were obtained by field parties of the Planning Division, using odometer and compass, and adjusted to fit the land survey system and aerial data.

Acknowledgement is made of co-operation and assistance furnished by the United States Forest Service, the Bureau of Land Management, the United States Soil Conservation Service, the United States Geological Survey, the United States Coast and Geodetic Survey, the United States Grazing Service, the New Mexico State Engineer, the various Railroad Companies operating in the State and many other agencies and individuals.

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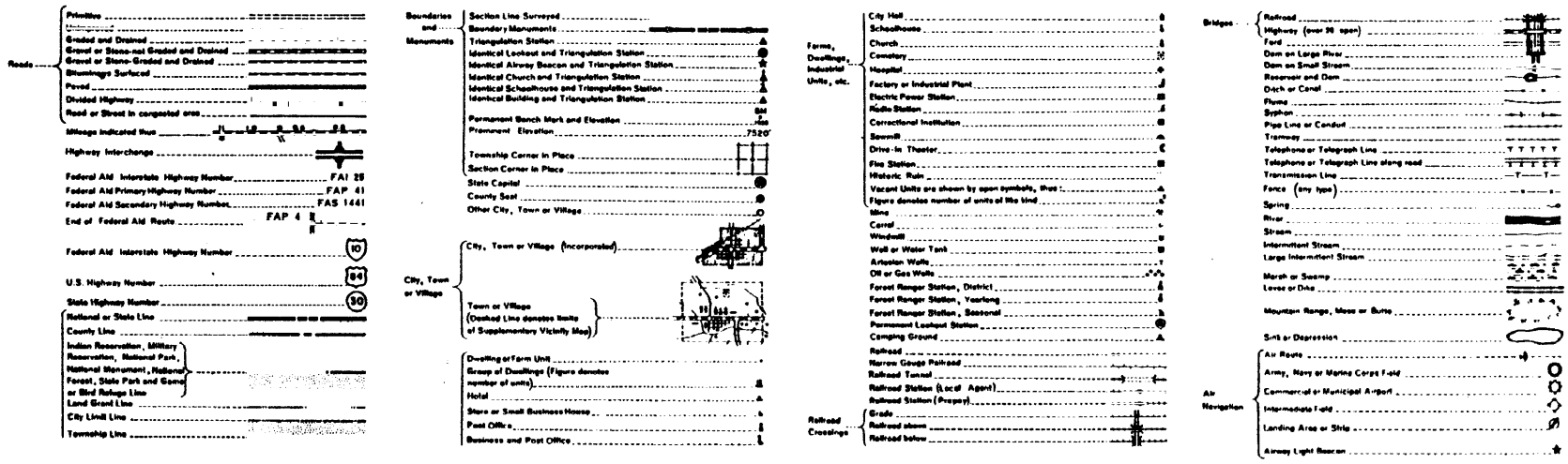


QUADRANGLE NAMES AND NUMBERS

NO.	NAME
1	Shiprock
2	Farmington
3	Aztec
4	Gobernador
5	El Vado
6	Brazos
7	Questa
8	Eagle Nest
9	Cimarron
10	Raton
11	Des Moines
12	Mt. Dora
13	Newcomb
14	Bisti Trading Post
15	Chaco Canyon
16	Lindrith
17	Cuba
18	Abiquiu
19	Taos
20	Black Lake
21	Springer
22	Mills
23	Gladstone
24	Clayton
25	Gallup

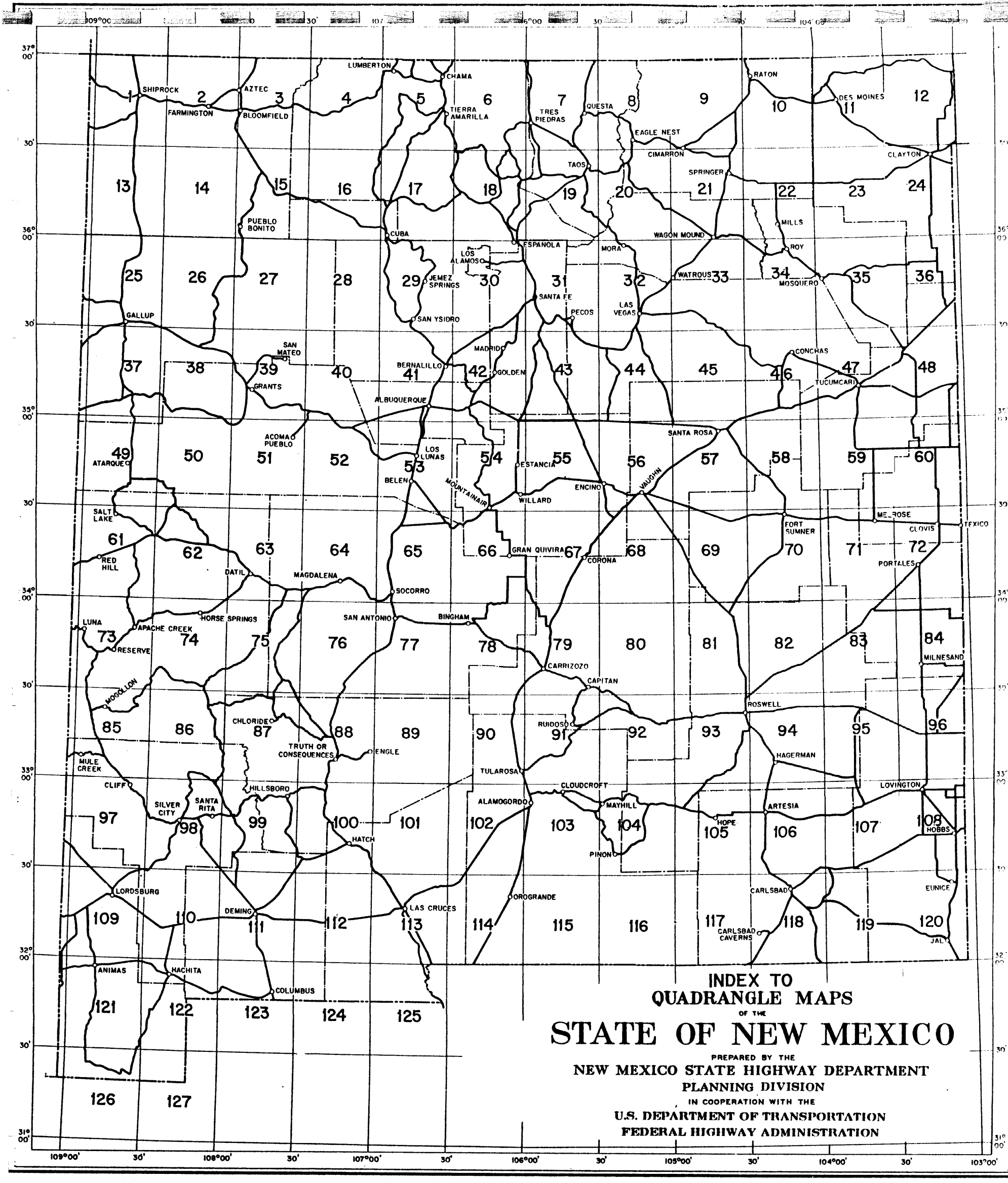
NO.	NAME
26	Crownpoint
27	Hospah
28	Cabezon
29	Jemez
30	Espanola
31	Santa Fe
32	Las Vegas
33	Watrous
34	Roy
35	Mosquero
36	Nara Visa
37	Zuni Pueblo
38	Thoreau
39	Grants
40	Laguna
41	Albuquerque
42	Sandia Mountains
43	Lamy
44	Anton Chico
45	Colonias
46	Conchas Dam
47	Tucumcari
48	Logan
49	Atarque
50	Lava

NO.	NAME
51	Acoma
52	Suwanee
53	Belen
54	Manzano Mountains
55	Laguna Del Perro
56	Vaughn
57	Santa Rosa
58	Alamogordo Dam
59	Ragland
60	Grady
61	Salt Lake
62	Quemado
63	Datil
64	Magdalena
65	Socorro
66	Gran Quivira
67	Corona
68	Duran
69	Yeso
70	Ft. Sumner
71	Melrose
72	Clovis
73	Reserve
74	Horse Springs
75	Luera Mountains

NO.	NAME
76	Nogal Canyon
77	San Antonio
78	Sierra Oscura
79	Carrizozo
80	Arabela
81	Macho
82	Acme
83	Elida
84	Dora
85	Glenwood
86	Beaverhead
87	Chloride
88	Elephant Butte
89	Jornada Del Muerto
90	Tularosa
91	Mescalero
92	Lincoln
93	Roswell
94	Hagerman
95	Caprock
96	Tatum
97	Virden
98	Silver City
99	Hillsboro
100	Hatch

NO.	NAME
101	San Andres Mountain
102	White Sands
103	Alamogordo
104	Mayhill
105	Hope
106	Artesia
107	Maljamar
108	Hobbs
109	Lordsburg
110	Separ
111	Deming
112	Cambray
113	Las Cruces
114	Oro Grande
115	Hueco Mountains
116	Guadalupe Mountains
117	El Paso Gap
118	Carlsbad
119	Potash
120	Eunice
121	Rodeo
122	Hachita
123	Columbus
124	Mt. Riley
125	La Union
126	Cloverdale
127	Alamo Hueco Mountains

SEE NEXT PAGE FOR QUADRANGLE INDEX



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PREPARED BY THE
NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

1956

1956 [redacted]	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE LET.~~	Soundness	SURFACE OWNER	
1	56	Cox	IN-003-4(4)	1019' Lt. Sta. 1885 on FAP 179-C	28.6		State	56-7[illegible]
2	55	Cox	IN-003-4(1)	1.2 mi. So. 950+80 on -4(3)	36.2		Harvey	123-[illegible] 355-386
3	55	Cox	IN-003-4(3)	1.3 mi. So. 950+80	38.0		Harvey	459-70, 1 196-524, 54
4	91	Cox	S-1226(2)	Rt & Lt. Sta. 578+00			Lucan	1941-84
5	97	Whiteman	S-1102(1)	6010' Lt. 756+18			State	1561-98
6	109	Whiteman	F-002-1(2)	6165' Lt. Sta 3225+00			Govt	1860-[illegible]
7	42	Lovelace	S-1504(1)	1130' Rt. Sta. 26+98			Arceo	1942-[illegible]
8	5	Lovelace	S-1523(1)	75' Rt. Sta. 6+91.5			Suazo	2281-85
9	113	Whiteman	F-018-1(3)	2.7 mi. Lt. Sta. 760+00			Isaacks	2987-30[illegible] 2221-56
10	53	Cox	IN-001-3(1)	4 mi. E, thence 0.8 mi. So. Sta. 515+00	25.2		Orona	2257-[illegible]
11-F	54	Cox	F-027-1(2)	0.6 mi. West of Jct. SR 42 & US 60			Koger	2594-[illegible]
12	25	Whiteman	F-031-1(2)	3290' Rt 1043+00 on FLHF-1[illegible]			Navajo Ind.	57-3347-[illegible] 2485-[illegible]
13	1	Whiteman	SP-F-031-1(600)	on US 666, 2.8 mi. N. San Juan River Br.			" "	2697-[illegible]
14-F	97	Lovelace	S-1102(1)	4 mi. No. of EOP STA. 861+71.9			Wright	2575-81
15	2	Whiteman	F-032-1(3)	1125' Lt. 345+00			Govt	2731-90
16-F	109	Lovelace	S-1102(1)	3435' Lt. 2650 on FI-002-1(1)			Govt	2754-60
17	2	Whiteman	S-1331(2)	1180' Lt. 1+00 (Borrow Pit A)				
18	23	Cox	F-021-2(4)	1205' Rt. 857+00			State Govt.	2918-65
19	113	Whiteman	F-018-1(3)	1985' Lt. 760+00			Abernathy	3016-[illegible]
20-F		Lovelace	IN-001-3(1)	In Rio Grande River, 1.5 mi. So. Los Lunas Br.				3007-[illegible]
21-F	113	Whiteman	F-018-1(3)	680' Lt. 760+00			Abernathy	3151-[illegible]
22	113	Whiteman	F-018-1(3)	2325' Lt. 991+00			Govt	3133-4[illegible]
23	103	Cox	F-020-1(4)	3175' Rt. 902+00			Govt.	3248-76
24	103	Cox	F-020-1(5)	3360' Rt, th. 840' So. 910+77			Govt.	3227-47
25	—	—						
26	10	Whiteman	Maint. Eaton Vic.	5620' Lt. 550+00 on FI-1(18)			Stockton	3502-07
27	11	Whiteman	F-046-1(1)	4 mi. NE Sta. 560+80			Irwin	4079-4104
28	72	Cox	S-1275(1)	0.7 mi. Lt. 476+00			Johnson	4039-51 3788-3892
29	30	Cox	F-051-1(4)	1810' Rt. 382+65.8 (Santa Cruz River)			Santa Cruz Irr. Dist.	4056-62 3983-95
30-F	72	Lovelace	S-1275(1)	0.7 mi. Lt. Sta. 476+00, th. 1510' Rt			Johnson	4069-74
31-F	113	Lovelace	F-018-1(3)	2838' Lt. PI Sta. 103+54 on F-018-1(1)			Stull Maxwell	4164-69
32-F	97	Lovelace	S-1102(1)	4470' Lt. 484+00			Berger	4170-75
33								

1956

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE LET.	Soundness	SURFACE OWNER	
33	30	Whiteman	F-051-1(4)	5795' Rt. PI Sta. 21+99			Pojoaque Indians	4367-87
34	111	Lovelace	S-1168(1)	1.9mi. S&E of EOP STA 121+73			Pat Henson	4650-71
35	107	Cox	S-1206(3)	300'Rt. Sta. 59+63			Govt.	4982-93 4703-23
36	107	Cox	S-1206(3)	360'Rt. 780+00 on FAP 22			Govt.	5261-65
37	107	Cox	S-1206(3)	3390' Rt. 21+00			Govt	5014-54
38	2	Whiteman	F-032-1(3)	2985'Lt. 159+50			City of Farmington	5406-14
39	93	Cox	F-021-2(4)	1210'Rt. 975+00			Woods	5803-42
40	32	Whiteman	S-1422(1)	2100'Lt. 5+00			Lopez Martinez	5997-6006
41	31	Whiteman	IN-091-5(7)	2130'Lt. 202+31			Garcia	6010-20
42	11	Lovelace	F-046-1(1)	943'Rt. PI Sta. 335+314			Hayes Jr.	6083-90
43	12	Ray Busch PE	S-1446(3)	1.25mi. N. th. 1.0mi. West 1087+30 (Harris Ranch)			Harris	6091-6124
44	55	Whiteman	IN-003-4(2)	1.0mi. So. Cline Corners on US 285			State	6183-91
45	94	Cox	S-1231(2)	295'Lt. 399+00			Govt.	6665-77
46	94	Cox	S-1231(2)	262'Rt. 442+00			Govt.	6796-6824
47	57	Whiteman	IN-003-5(3)	1800'Rt. 824+00			Serrano	14192-14212 6911-34
48	94	Cox	S-1231(3)	1.4mi. N. th. 1280' NW 974+39.7			Govt.	7049-88
49	106	Cox	U-022-1(1)	298'N. 510+00 on FAP-22			Govt	7154-56
50	93	Cox	F-021-2(4)	200'Rt. 721+37.8			Govt.	7473-94
51	93	Cox	F-021-2(5)	283'Lt. 499+00 on F-021-2(5)			Govt	7459-69
52	114	Whiteman	F-020-1(3)	7mi. W. th. 1mi. So. 0+00			City of El Paso	7575-80
53	111	Whiteman	S-1116(1)	2mi. E. 901+57 on NMF-110(3)			Govt	7525-31
54	87	Cox	S-1231(2)	205'Lt. 398+35			Govt.	7414-17
55	70	Whiteman	F-027-2(1)	7510 Lt. 220+00			Steele Ranch Inc	7879-78
56	70	Whiteman	F-027-2(1)	2440 Lt. 220+00			" "	7899-7919
57	60	Cox	S-1412(1)	1.9mi. Rt. 66+00 (along trail Rd)			Lane	7947-50
58	60	Cox	S-1412(1)	2180'Rt. 7+44.2 (Orig. Line)			State	7951-68
59	-	—	—	—	—	—	—	—
60	12	Cox	S-1446(4)	3.1mi. No. of EOP			Wiggins	8671-73
61	12	Cox	S-1446(4)	648'Rt. 1805+28.5			—	8642-58
62	47	Lovelace	F-025-3(2)	1.65mi. NE. on US 54 from EOP th. 6.0mi. No.			Simms	8676-8705
63	47	[illegible]	F-025-3(2)	4.8mi. NE. on US 54 From EOP th. 5mi. No.			" "	9007-34
64	34	[illegible]	S-1429(2)	2420'Rt. 833+00			Mahoney	9831-58

1956

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Liear Soundness CONTRACTOR DATE LET.	SURFACE OWNER	
65	103	Lovelace	F-020-1(9)	3333' Rt. Sta 910+77		Govt	2
66	34	Whiteman	S-1429(2)	2.4 mi. NW of PI Sta 309+34		Craft	10
67-F	34	Whiteman	S-1429(2)	2mi. E. th. 3mi. No. 110+00 on FAS 96		Clegg	10
68	7	Lovelace	SP-1518(600)	1710' Lt. 874+58 on FAS-239-C.		Espinoza	10
69	19	Cox	S-1426(1)	702' Rt. 149+14		Pot Creek Lumber Co.	10
70	47	Whiteman	I-093-1(4)	3.9 mi. Lt. 1236+00		Govt.	10
71	47	Whiteman	I-093-1(4)	3.9 mi. Lt. 1236+00		"	10
72	19	Cox	S-1426(1)	7.5 mi NW of EOP.		?	10
73	65	Whiteman	I-091-3(6)	2387' Lt. 374+00 on I-091-3(3)		Duke	12 11
74	—	No Pit	—	5898' Rt. 55+00	— —	-	10
75	19	Cox	S-1426(1)	1720' Lt. 428+84 on FAP 21-C		Govt	119
76	19	Cox	S-1426(1)	1000' So. 264+50 on FAP 21-C		Govt	11
77-914		Whiteman	F-020-1(3)	4.3 mi. W. Sta. 0+00		Blythe	12
78	—	Cox	I-091-4(15)	2mi. E. Jct. 422 & SR 44	24.8	Montoya	12 123
79	73	Whiteman	S-1165(7)	151' Rt. PI. Sta. 1414+83.2		Forest	1
80	73	Whiteman	S-1165(7)	224' Lt. PI Sta. 1627+65.8		Forest	1
81	5	Cox	F-046-1(1)	2.5 mi. No. 423+00		Morgan	12
82	109	Whiteman	IN-002-1(3)	3.0 mi. So. 75+00		Govt	12
83	909	Lovelace	F-002-1(2)	5.4 mi. So. Jct. US 70 & 80		Bowman	13
84	1	Cox	S-1341(1)	645' Rt. 36+00		Indian	13
85	1	Cox	S-1341(1)	405' Rt. 811+00		Indian	13
86	110	Whiteman	I-092-1(4)	6 mi. Lt. Sta. 97+18.5		Govt.	133
87	110	Whiteman	I-092-1(4)	6 mi. So. Sta. 192+75.4		Govt.	13
88	110	Whiteman	I-092-1(5)	1.9 mi. Lt. Sta. 796+21.6		Govt	13
89-F	72	Cox	S-1255(1)	5525' Lt. 110+40		Ezley	14
90	57	Whiteman	I-093-5(3)	1150' Rt. 611+88.2		Moise	148
91	41	Cox	I-091-4(15)	97' Lt. 740+00		Indian	150
92	41	Cox	I-091-4(15)	121' Rt. 1067+60		Indian	150
93	72	Cox	F-025-1(2)	3.0 mi. SW on US 70 from 20+00 th. 1151' SE		Walker	15
94-F	72	Cox	F-025-1(2)	th. 740' S then 1660' E. 3.0 mi. SW on US 70 from 20+00		Walker	15
95	66	Whiteman	F-027-1(2)	1030' Lt. Sta. 430+00		Arzzm	15
96	41	Whiteman	F-001-4(17)	295' Lt. Sta. 45+90.5		Sandia Ind Pueblo	15

1956

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE LET.	Soundness	SURFACE OWNER	
97	53	Whiteman	I-091-3(2)	6355' Rt. 710+48.2 on NPS 151(2)			Miranda	16016-53
98	53	Whiteman	I-091-3 (2)	3.35 mi Rt. 787+74 on NPS 151(2)			Miranda	16105-67
99	—	—	—	—	—	—	—	—
100	40	Whiteman	I-093-3(5)	7,222' Lt. 200+00			Laguna Indian	16748-65
101	108	Cox	S-1219 (1)	4386' Rt 600+00			State	18429-64 17017-22
102	7	Whiteman	F-053-1(2)	580' Lt. 2289+90			Smith	17264-75
103	31	Whiteman	I-091-5(9)	4565' Rt. 197+00			Teal.	17390-75
104	97	Cox	F-002-1(2)	3890' Lt. 485+00 on S-1102(1)			Berger	1730509
105	54	Whiteman	S-1500(2)	4090' Rt. PI Sta. 277+02.9			Lundy	18245-71
106	54	Whiteman	S-1500(2)	1540' Rt. PI Sta. 277+02.9			Lundy	18272-74
107	108	Cox	F-026-1(2)	1854' Rt. 348+00			State	18661-78
108	108	Cox	F-026-1(2)	4.5mi. Rt. 466+33			Murdock	18911-18
109	91	Cox	F-021-1(1)	4019' Rt. 224+00			Hill	19577-80 19352-53
110	91	Cox	F-021-1(1)	630' Lt. 149+00			Miller	19584-604
111	64	Cox.	F-017-2(1)	545' Rt. 1489+00			Gov't.	19622-38
112	39	Rutz	AAA-10(1)	1330' Lt. 560+00 on S-1302(2)			Santa Fe RR	19855-59 19726-36
113	39	Whiteman	S-1302(1), AAA-11(1)	1710' Lt. 527+00			Santa Fe RR.	59-15225-26 19860-79
114	64	Cox	F-017-2(1)	300' Rt. 1686+00			Gov't.	20087-90
115	53	Whiteman	I-091-9(16)	7.17 mi. Rt. 210+68			Isleta Pueblo	20236-75

1957

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE	Soundness ~~LET.~~	SURFACE OWNER	
1	44	Whiteman	I-093-4(4)	2.6mi.Lt. 251+00			Trujillo	385-410
2-F	63	Cox	F-017-2 (1)	9.8mi. NW BOP Sta. 1390+00			Govt	626-30
3	64	Cox	F-017-2 (1)	4.7mi. Lt. 1804+00	24.0		Govt	631-52
4	53	Whiteman	I-091-4(11)	5.7mi.E. from 8+75 on S-94(1) th. 1.5mi. S.			Isleta Pueblo	707-35
5	57	Cox	I-093-5(5)	12.30' Rt. 196+00	32.8 51.2		Apodaca	855-62
6	57	Cox	I-093-5(5)	3035' Rt. 809+00 on I-093-5(3)	34.4		Serrano	1244-83
7	113	Whiteman	I-091-1(6)	6015' Rt. 141+38.2			Govt	1546-99
8	113	Whiteman	I-091-1(6)	11,100' Rt. 141+38.2			Govt	1509-10
9	120	Cox	S-1219(1)	5046' Rt. 600+00			Woolworth	1826-82
10	113	Whiteman	F-018-1(4)	3mi. Lt 760+00 on F-018-1(3)			Isaacks	1554-93
11-F	64	Lovelace	F-017-2(1)	0.75mi.E. EOP 1867+00 th. 1.9mi. SE.			S&E Mining	1887-9
12	100	Whiteman	S-1141(1)	0.8mi N. EOP Sta. 20+00			State	2081-87
13-F	56	Lovelace	I-093-5(5)	7.1mi. SW 622+6.9			Romero	2064-71
14	88	Whiteman	S-1148(1)	1510' Rt P.I. Sta. 427+57.7	Haake	Aug. 57	Govt.	2438-6
15	120	Cox	S-1219(2)	1.65mi. NE of EOP 404+00			State	2580-26
16	60	Cox	F-025-2(1)	5348' E. 320+00, th. 433' No.			Hutchins	2777-28
17	65	Lovelace	I-091-3(9)	5926' Lt. 265+00			Campbell Farms	2926-44 2843
18	–	Cox	N3 (59)	4665' Lt. 717+00 on Ariz Proj. 12-A.			Navajo Indians	3703-05
19	25	Cox	N3 (59)	5450' Rt. 1043+00 on FLHP 12(1)			"	3667-
20	25	Cox	N3 (59)	1790' SW 324+15 " " "			"	3728
21	25	Cox	N3 (59)	492' W th 1480' N 865+41 (In Ariz)			"	3868
22	38	Cox	I-093-1(3)	4.2 mi. Lt. 1236+00 on I-093-1(4)			Ind. Allot.	3876-
23-F	38	Cox	I-093-1(3)	3.7mi. Lt. 1210+00 " "			"	3882-
24	41	Whiteman	F-FG-003-3(6)	1148' Lt. 53+35.5 on F-FG-001-4(9) (N 4th Conn)			Sandia Pueblo	4252-
25	41	Whiteman	I-093-3(8)	2395' So. 379+31 on F-151(7)			Johnson	4392-
26	42	Whiteman	I-093-3(8)	195' Rt. 1006+06 on F-151(6) (11.8mi.E of BOP)			Giannini	4602-
27-F	60	Whiteman	F-025-2(1)	4.2 mi So. Sta. 0+00			Vineyard	4478-
28	91	Lovelace	F-021-1(1)	475' Rt. 419+80			Pier	4521-3
29	67	Lovelace	S-1501(3)	2250' Lt. 317+10.4			Miller	4960-
30	117	Cox	S-1209(1)	1840' N. 733+43			Shaffer	4935-
31	98	Cox	F-013-1(3)	879' Rt. 323+00			Dzurek	5671-5
32	67	Lovelace	S-1501(3)	577' Lt. 126+30.8			Forest	5815-1

1957

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE LET.~~	Soundness	SURFACE OWNER	
33	67	Lovelace	S-150(3)	2.33 mi No. 490+35			Shumate	6125-88
34	67	Lovelace	S-150(3)	463' Rt. 842+23 on S150(2)			Pounds	6115-24
35	26	Whiteman	I-093-1(6)	9323' Lt. 564+00			Navajo Ind.	6368-94
36	111	Cox	I-092-2(5)	726' Lt. 337+00			Smyer	6404-35
37	40	Whiteman	F-003-1(3)	131' Rt. 362+65.8			Forest	9611-17 6601-02
38	91	Cox	F-020-1(5)	9332' Rt. 1038+41			Utter	6488-6534
39	37	Whiteman	F-003-1(3)	1.85 mi. Rt. 814+77 on FI-191(5)			Navajo Ind.	6598-99
40	56	Lovelace	I-093-4(6)	3.75 mi. So. Jct. US66 & SR 3			State	7085-7110 6955-59
41	56	Lovelace	I-093-4(6)	666' Rt. 551+63, th 473' W			State	7439-77
42	39	Whiteman	I-093-2(7)	0.75 mi. SW. on SR-117 from 621+00			Gottlieb	6827-31
43	65	Cox	I-091-3(9)	790' Lt. 579+50 on (7)	—	—	Campbell Farms	7046-57
44	113	Cox	I-091-1(6)	10070' Rt. 141+38, th 500' Lt.			Govt.	7321-25
45	91	Whiteman	I-091-4(10)	1148' Lt. 53+35 th 1125' E.			Sandia Pueblo	7039-45
46	56	Whiteman	I-093-4(6)	560' Lt. 491+80			Cline	9467-81 7482-7518
47	19	Whiteman	S-1426(2)	482' Rt 257+00			Rio Grande Grant	8248-53
48	19	Whiteman	S-1426(2)	115' Lt. 994+749 on S-218(5)			Picuris Grant	8234-47
49	47	Lovelace	SP-F-003-5(600)	1.15 mi. NE. 46+80 on NMP-15(4)			Allen	8083-8101
50	47	Lovelace	"	9.65 mi. NE. Tucumcari, th 6.0 mi. No.			Simms	8056-67
51	46	Lovelace	Same " 59.4(2)	1.05 mi. W. Jct. SR129 & US66, th. .85 mi. So.			Branch	8068-82
52	-	Whiteman	S-1426(2)	30' Rt. 285+00			—	8266-69
53	29	Whiteman	S-1321(1)	100' Lt. 229+39			Jemez Pueblo	8894-23
54	57	Cox	F-003-5(4)	1840' Rt. 859+00			Serrano	9030-42 9001-28
55	65	Whiteman	F-017-2(7)	452' Rt. P.I. Sta. 90+35 on S-1162(1)			Bureau Reclam.	8491-97
56	10	Lovelace	F-046-1(2)	7.2 mi. SW. 26+00			Wheeler	9221-39
57	11	Lovelace	F-046-1(2)	1400' Rt. 93+00			Snead	9176-9220
58	48	Cox	S-1412(2)	3360' Rt. PI Sta. 132+52			Lawrence	9242-58
59	32	Cox	I-091-5(7)	3.7 mi. No, th 2400' W. 170+41	very limited Should not use		Mahan	10076-88 9282-9307
60	3	Whiteman	S-1342(1)	1205' Rt. 320+00			Colo. River Storage	9492-9503
61	2	Whiteman	F-033-2(2)	2.0 mi. Rt. 31+00			Watson	9629-46
62	67	Lovelace	S-1501(3)	710' Rt. 880+29.5 on S-1501(2)			Pounds	9462-66
63	32	Cox	I-091-5(7)	3.7 mi. N. th. 1.2 mi. W. 170+41			Warren	10811-33 10089-10100
64	26	Cox	S-1421(5)	1204' Rt. 1368+00			Phillipps	10041-51 9816-60

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65	52	Lovelace	I-093-2(10)	6.0mi SW 951+00			Laguna Ind.	10363-93
66	40	Lovelace	I-093-2(10)	0.5mi So. 312+00 on I-093-2(8)			" "	10311-36
67	33	Cox	S-1421(5)	1.85mi Lt. 1253+00			Phillips	10407-47
68	9	Whiteman	S-1437(1)	11,353' Rt. 53+78.7			W.S. Ranch	10626-93
69	30	Whiteman	S-1319(3)	1.35 mi. No. 0+00			Govt.	10689-96
70	17	Whiteman	F-033-2(1)	1980' Rt. 35+93 on S-1324(1)			Sauter	11216-42
71	39	Lovelace	I-093-2(7)	8.6mi. E. on US66 from 623+60, th. 3.2 mi NW.			Highway Dept	12201-64
72	46	Cox	S-1421(5)	277' Lt. 53+00 on S-1421(4)			State	10596-601
73	10	Whiteman	I-091-6(1)	590' Lt. 14+20.3 on S-1442(1)			Vit	11170-87 17163-81
74	10	Whiteman	I-091-6(1)	3080' Rt. 151+75.8			Gnwood Est.	11283-304
75	33	Cox	I-091-5(7)	120' Rt. 95+00 on NRH-155-D			Shoemaker	10855-71
76	52	Lovelace	I-093-2(10)	9.3 mi W. on US66 from 951+00, th. 0.3mi No.			Laguna Ind.	10802-05
77	52	Lovelace	I-093-2(10)	0.75mi So 312+00			"	10789-801
78	52	Lovelace	I-093-2(10)	1.3mi. W 951+00			"	10806-10
79	52	Lovelace	I-093-2(10)	2,129' Rt. 842+11			"	11076-8[illegible]
80	52	Lovelace	I-093-2(10)	765' Lt 842+11			"	11211-15
81	32	Cox	I-091-5(6)	2400' Lt. 222+00			Bibbs	11333-63
82	—	—	—	No Pit	—	—	—	—
83	39	Lovelace	I-093-2(7)	2.2mi. SW 214+37 on I-093-2(7)			Pickard	11689-70
84	57	Cox	F-003-5(9)	2120' Lt. Sta. 906+00 on I-093-5			Barela	11910-32
85	65	Whiteman	F-027-1(3)	1970' Lt. 902+81 on S-54(2)			West Pyle Livestock Co.	12036-62
86	65	Whiteman	F-027-1(3)	620' Rt. 64+00			Campbell Farms	12111-23
87	91	Whiteman	F-021-1(1)	292' Lt. 405+00 on F-021-1(2)			Hale	12519-[illegible]
88	84	Cox	S-1277(1)	1500' Rt. 415+00			State	12698-[illegible]3
89	84	Cox	S-1277(1)	1640' No. 613+02			State	12573-[illegible]
90	95	Cox	S-1231(4)	1010' Lt. 1496+00			State	13467-71
91	113	Whiteman	I-010-2(11)158	4660' Lt. 1135+33			Govt	13191-[illegible]
92	113	Whiteman	I-010-2(12)151	2.3mi. E. 1149+65.3			Govt	13252-[illegible]
93	95	Cox	S-1231(4)	1470' Lt. 1562+00			Medlin	13488-51
94	100	Lovelace	S-1102(2)	2110' Lt. 40+00			Govt	13651-73
95	63	Lovelace	F-017-2(2)	3.5mi NW. 735+00, th. 905' No.			State	13580-[illegible]
96	38	Whiteman	I-093-1(6)	40 mi Lt. 1210+00 on I-093-1(9)			Ind. Allot.	13830-[illegible]

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97-F97		Lovelace	S-1102(2)	4360'Lt. 500+00 on S-1102(1)			Berger	-84 A3880-
98	98	Whiteman	F-013-1(3)	1478' Rt. 114+14.9 on F-013-1(1)			Kennecott	14005 13980-
99	100	Lovelace	S-1102(2)	320'Lt. 224+83			Wright Weaver	14297 313
100	37	Cox	S-1301(5)	4.1mi. SE. 614+37			Ind.	14607-22
101	37	Cox	S-1301(5)	1850' Lt. 1820+00 on S-1300(4)			Ind	14608-16
102	111	Lovelace	I-092-2(5)	5.0mi. So. 300+00, th. 3.1mi. SW.			Goat	14683-70
103	96	Whiteman	I-093-6(1)	7.8 mi. Lt. 507+00 on I-093-6(3)			State	14705-32
104-F53		Cox	F-027-1(3)	370'Lt. 250+00 on S-54(2)			Campbell Farms.	15348-53
105	63	Lovelace	F-017-2(2)	1880'Lt. 1008+68.8			State	15365-74
106	69	Lovelace	F-017-2(2)	1650'Lt. 1180+00			Forest	15431-35
107	30	Whiteman	S-1319(3)	3.1mi. W. of Ohkowi Br. on Rio Grande			Ildefonso Grant	15108-19
108	39	Cox	I-093-2(6)	3052'Rt. 600+00 on IN-003-2(4)			Roundy	16163-84
109	38	Cox.	S-1336(3)	454'Rt. P.I. Sta. 113+40			Elkins	16502-20
110	29	Whiteman	F-046-1(3)	3.3mi. Rt. 997+07			Jones	16679-87
111	11	Whiteman	F-046-1(3)	1010'Lt. 702+00			Sink	16658-68
112	11	Whiteman	F-046-1(3)	1.93mi. Lt. 425+00 on F-046-1(1)			Morgan Est.	16867-90
113-F56		Cox	I-093-4(6)	1.7mi. W. 338+00, th. 1.52mi. So. on SR 3			Babee	16891-94
114	65	Lovelace	I-091-3(8)	1.75mi. SW on US 85 from 640+00, th 4.25mi. SW			Govt.	17376-420
115	66	Whiteman	F-027-1(4)	530' Lt. 543+00 on F-027-1(2)			Signeros	17434-515
116-F54		Whiteman	F-027-1(4)	0.6mi. W. Jct. US 60 & SR 42			Koger	17604-07
117	70	Cox	F-027-2(4)	1680' Rt. 588+00			Triangle Cattle Co	17654-701
118	65	Lovelace	I-091-3(7)	(Moya Pit No. 1)			?	18169-91
119	65	Lovelace	I-091-3(7)	(Black Mountain Pit No 1)			?	18516-21
120	65	Lovelace	I-091-3(8)	(Moya Pit No 2)			Moya Cattle Co	18231-51
121	65	Lovelace	I-091-3(8)	(Black Mt. Pit No 2)			?	18559-64
122-F54		Rutz	S-1500(3)	8.7mi. E. 392+75 th. 1.2 mi. No.			Hayes	17942-66
123-F54		Rutz	S-1500(3)	8.7mi. E. 392+75 th. 1.4mi. N. & W.			Hayes	17967-74
124	52	Whiteman	I-093-2(9)	4.8mi. Rt. 698+73			Laguna Ind.	18339-65
125	106	Cox	F-023-1(5)	1058'Rt. 496+95 on F-132(5)			Govt	18717-28
126	118	Cox	F-023-1(5)	1.0mi. So. BOP 114+32 th. 306'W.			Eddy County	18701-10
127-F39		Whiteman	I-093-2(7)	903' Rt. 250+65 on S-1302(2)			Roundy	19329-47
128	70	Cox	F-027-2(1)	3750'E. on US 60 from 595+00 th 2.1mi NW			M.M. Cattle Co	18489-511

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129	70	Cox	F-027-2(1)	85' Rt. 256+75 on S-1272 (1)			Hall Elkins Ind. Allot.	1851 1916
130	38	Whiteman	I-093-1(1)	1764' Rt. PI Sta. 113+40.9 on S-1336(3)			Campbell Farms	1875
131	65	Lovelace	I-091-3(7)	7523' W. 323+21 on I-091-3(9)			" "	1883
132	65	Lovelace	I-091-3(8)	7.4 mi. SW. on US85 from 640+00 th. 970' W.			Orona	1957
133	53	Cox	S-1343(1)	1056' Rt. 160+00	25.6		Forest	2034
134	85	Lovelace	S-1165(9)	250' Lt. 72+25 on FLHP-10(1)			City of Belen	1972
135	53	Cox	F-FG-001-3(3)	1.4mi. Lt. 684+37			Huning	1978
136	53	Cox	F-FG-001-3(3)	7.1 mi. No. 80+00 th. 3.5mi. W	31.2	1.5	McKinley	1952
137	66	Whiteman	F-027-1(2)	1918' Lt. P.I. 130+09.6 on F-027-1(1)			State	1953
138	66	Whiteman	F-027-1(2)	4250' Lt. P.I. 130+096 Plus 1250'			State	1956
139	66	Whiteman	F-027-1(2)	4250' Lt. PI. 130+9.6 Plus 1250' on F027-1(1)			Sandia Pueblo	2007
140	41	Whiteman	I-091-4(2)	730' Lt. 28+73.9 on FI-001-4(9)			"	2032
141	41	Whiteman	I-091-4(2)	295' Lt. 45+90.5 " "			"	1990
142	41	Whiteman	I-091-4(3)	630' Rt. 45+90.5 " "			Tomecloin.	20274
143	53	Cox	F-FG-001-3(3)	2.8mi. N. th 0.65mi E. Jct. SR 3 & 47	27.2		"	20120
144	53	Cox	S-1307(1)	1.5mi. E. th 2.8mi. N. th. 0.65mi E. 0+00			Govt	20526
145	38	Whiteman	T-093-1(1)	3.6mi. No. 319+62.6			Guin	20550
146	63	Lovelace	F-017-2(3)	1.63mi. Lt. 415+62.7			State	21073 20706
147	63	Lovelace	F-017-2(3)	2758' Lt. 415+62.7			Laguna Ind	20850
148	52	Whiteman	I-093-2(9)	1065' Lt. 842+11.8			Govt.	20702
149	3	Cox	S-1326(8)	1010' Lt 26+00			Govt	21381
150	65	Lovelace	F-017-2(4)	1306' Lt. 129+96.9			Simpson	21539
151	31	Whiteman	I-091-5(13)	17,694' S. 290+00 on F-181(18)			Tulley	21228
152	92	Cox	F-021-1(3)	2.7mi. No. on SR 214 from Jct. US70 th. 470' W.			Fogelson	22261
153	31	Whiteman	I-091-5(12)	3685' Lt. 704+32				22600
154	—	Cox	F-021-1(1)	0.9 mi. Lt. 228+20			Shoemaker	22678
155	33	Whiteman	I-091-5(7)	4761' E. 1930+00 on FAP-155-A				22852
156	47	Lovelace	F-025-3(3)	5.0mi. N. 750+35			Simms.	22827
157	47	Lovelace	F-025-3(3)	5.3mi. No. 750+35				
158	—	Cox	F-021-1(1)	0.3mi. Lt. 228+00				

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1	44 56	Lovelace	I-093-5(6)	1.62 mi. No. Sta. 1082+64.2			S.H.D.	1511-77
2	56	Lovelace	I-093-4(7)	620' Lt. 478+27 on I-093-4(6)			Cline	533-545
3-F	10	Whiteman	I-091-6(1)	15,572' Rt. 285+25 on FI-001-1(1)			Crews	926-934
4	60	Cox	F-025-2(2)	3.8 mi. E. 62+00 'B' Line, th. 5.32' No.			Goar	1061-1091
5	60	Cox	F-FG-027-3(1)	4.3 mi. E. 62+00 on F-025-2(2)			Goar	1111-1134
6-F	72	Cox	F-FG-027-3(1)	0.65 mi. West, th. 1.8 mi. So. PI. STA. 72+92			Forest	1385-92
7	60	Cox	F-024-2(2)	732' Rt. 372+00			Vinyard	1393-1440
8-F	60	Cox	F-024-2(2)	278' Lt. 298+00			Vinyard	1441-46
9	42	Whiteman	I-093-3(8)	Rl. of E/W Sta. 1036+27.23 on FI-151(6)	21.6	0.7	Giannini	1447-54
10	108	Cox	F-026-1(3)	1012' Rl. Sta. 1000+00			State	1741-1805
11	—							
12	113	Whiteman	S-US-1133(1)	4488' Rt. 7+92.4, th. 3256 So. th. 2114' E			A&M College.	1929-95
13	103	Cox	S-1278(1)	560' So. of N. E/W Marker 620+00 Forest Proj. 35 DBE			Forest	2141-60
14	113	Whiteman	S-1166(1)	7286' E. on Mt. Rd. from 11+91, th. 3256' So. th. 2110' E.			A&M College	2276-87
15	113	Whiteman	S-1133(2)	4488' E. on Mt. Rd. from 7+92 on S-1133(1) th. 3256' So., th. 1460' E,			A&M College	2288-93
16	56	Lovelace	I-093-5(6)	741' Rt. 1009+34			York	3221-31
17-F	65	Lovelace	I-091-3(7)	490' Lt. 579+50			Campbell	2305-08
18	103	Cox	S-1278(1)	1639' Lt. 105+50 on Forest Proj. 35 'A'			Forest	2668-71
19	23	Cox	F-021-2(5)	756' Lt. 507+00			Govt.	2591-2618
20	31	Whiteman	S-1535(2)	200' Lt. P.I. Sta. 140+34.9			Ortiz	2691-94
21	—	Lovelace	S-1429(9)	0.3 mi. Lt. Sta. 314+00	Not Reported.			3335-40
22	46	Whiteman	S-1407(1)	11,470' Rt. 15+37.5			Mansimer	3581-3603
23	20	Lovelace	S-1429(4)	2.9 mi NW 0+00			Blattman	3683-3717
24	118	Cox	F-023-1(7)	1.0 mi. W. from 822+00, th. 3.4 mi. N & W.			Grandi	4127-45
25-F	118	Cox	F-023-1(7)	2.5 mi. E. 822+00			State	4061-65
26	109	Whiteman	I-092-1(8)	8866' Rt. 979+19.6			Govt.	4146-64
27	117	Cox	S-1209(2)	3,000' So. 0+00, th. 275' E.			Nat. Livestock Co.	4281-90
28	117	Cox	S-1209(2)	3,000' So. 0+00, th. 400' W.			" "	4291-4304
29	109	Whiteman	I-092-1(8)	7.8 mi. So. Sta. 587+81 th. 2510' E. along SR 338			State Kerr	4366-98
30	105	Cox	S-1235(1)	1945' Lt. 240+93			Govt	4941-57
31	39	Lovelace	S-1429(3)	515' Rt. P.I. Sta. 136+17.9			Ray	4958-69
32	71	Cox	S-1272(3)	3200' Rt. 169+00			Hall	5381-5423

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33	F71	Cox	S-1272(3)	525' Rt. 254+00		Hall	5343-[illegible]
34	113	Whiteman	I-091-1(2)	900' Rt. 729+67		State	5471-7[illegible]
35	113	Whiteman	I-091-1(2)	1635' Rt. 771+00		State	5562-8[illegible]
36	F113	Whiteman	S-1133(1)	330' Lt. 250+00 on F-FI-IN-001-1(2)		Tellurfile	545[illegible]
37	F113	Whiteman	S-1133(2)	530' Lt. 250+00 " "		" "	5456-6[illegible]
38	F113	Whiteman	S-1166(1)	730' Lt. 250+00 " "		" "	5466-6[illegible]
39	60	Cox	S-1411(1)	12mi. S&E. of EOP. along SR88, th 2,081' W		AT&SF	7181-[illegible]
40	F47	Cox	S-1411(1)	1860' Lt. 163+70		Fife	7202-[illegible]
41	47	Cox	S-1411(1)	3.0 mi. E. of BOP, th 2270' NE			7217-2[illegible]
42	3	Cox	F-032-1(6)	420' Rt. P.I. Sta. 900+31		Riecke Wallace	9071-[illegible]
43	41	Whiteman	I-040-3(17)167	6028' Lt. Sta. 418+97 th 2641' E. on (8)169		Various	10691-[illegible]
44	56	Cox	SP-F-020-3(600)	675' Lt. 428+00 on F-170(2)	Sealing	Perez	10259[illegible]
45	17	Lovelace	SP-F-033-2(600)	2980' Rt. 35+93 on S-1324(1)	Sealing	Vigil	10521[illegible]
46	1	Lovelace	SP-F-031-1(600)	1400' E. of Jct. US666 th 1400' NE & Kerr McGee Mill Rd	Sealing	N. Indian	10532
47	13	Lovelace	SP-F-031-1(600)	10,000' SW of Bridge just No. of Newcomb Trading Post	Sealing	N. Indian	10545
48	102	Whiteman	F-020-1(7)	7698' Lt. 220+37.4		Govt.	10542
49	114	Whiteman	F-020-1(7)	2.73 mi. Lt. 163+36		Govt.	10330[illegible]
50	102	Whiteman	F-020-1(9)	12,885 Lt. 570+00		Govt.	10566-8
51	111	Cox	SP-F-013-1(600)	2319' Lt., th, 212' So. 812+84	Sealing	State	10801
52	111	Cox	SP-S-1118-(600)	6.0 mi. NE. of Florida along SR 26, th 167' Lt.	Sealing	Govt.	10808
53	111	Cox	SP-F-002-2(600)	730' Lt. 276+30 on F-1169(4)	Sealing	Baker	11096
54	103	Cox	F-020-1(9)	3.4 mi. Rt. 1117+40		Govt.	11070
55	~~44~~ 46	Cox	I-040-5(6)241	1.7 mi. No. 1082+62.4		Sears.	11501-[illegible]
56	41	Cox	I-025-4(17)228	40' Lt. 53+35.5 on FI-001-4(9)		Sandia Piculo.	10905
57	114	Whiteman	F-021-1(7)	3.5 mi. So. on US54 from 0+00 th 6168' W.		Day Bailey	11441[illegible]
58	70	Lovelace	F-027-2(6)	2638' Rt. 284+20 th 121' Lt.		Powell & Son	11571
59	4	Cox	DS-1326(10)	1250' E R/W Sta. 127+12 on S-1326(3)		Jicarilla Apache	12253
60	4	Cox	DS-1326(10)	725' Lt. R/W Sta. 259+30 on S-1326(3)		Jicarilla Apache	12154
61	37	Lovelace	F-024-3(4)	4000' E. POST 109+23 th 2590' SE		Meeks	12278-[illegible]
62	109	Whiteman	I-010-1(8)6	14,105' Rt. POST 50+33.7 on F-092-1(3)		Govt.	12292-3[illegible]
63	5	Cox	DS-1326(10)	2.5 mi. W. along SR 17 from 191+00 th 2.6 mi. No.		Jicarilla Apache	13001-[illegible]
64	109	Whiteman	F-002-1(2)	21,210' Lt. 310+00		Phelps Dodge Corp.	1304[illegible]

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PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE	Soundness ~~LET.~~	SURFACE OWNER	
65	109	Whiteman	F-002-1(2)	14,805' Rt. POST 50+33.7 on I-092-1(3)			Gov't.	12851-61
66	25	Whiteman	FLHP-12 (a)	1980' E. of Jct. US66 & Tohatchi Rd.			Navajo Indian	13211-24
67	—	Virgil Peters	F-021-1(1)	1.0mi. Lt. (NW) of Sta. 116+00			-	13038-45
68	25	Whiteman	Gallup Streets & SR 32	So. 2681' No. & E. 350+80 on FL-8-A			Navajo Indians	(McCune Pit Ext.) 13349-53
69-F	48	Lovelace	F-024-3(4)	8318' Rt. Sta. 109+23.5			State	13355-62
70	3	Cox	DS-1326(10)	8.4mi. Lt. 737+40 on S-1326(2)			-	13394-407
71	19	Whiteman	F-051-1(9)	1720' Lt. 428+84 on FAP-21-C			Gov't.	14201-228
72	19	Whiteman	F-051-1(9)	1000' SE Sta. 264+50 on FAP-21-C			Gov't.	13740-48
73	19	Whiteman	F-051-1(9)	11,787' Lt. 762+50	51.2		State	13832-48
74	17	Cox	S-1324(3)	390' Lt. R/W Sta 296+40 on S-114(1)			Mora.	15011-44
75	17	Cox	S-1324(3)	435' Rt. 445+60 on S-114(1)			Lassiter Higgins	16001-44
76	7	Whiteman	DS-1518(3)	1710' Lt. 814+58 on FAS 239-C			Espanosa	14610-34
77	42	Lovelace	S-1504(2)	7287 Lt. 383+28			Campbell	15259-80
78	7	Whiteman	DS-1518(4)	6520' Rt. 1506+00			Scaldfield	15326-47
79	7	Whiteman	DS-1518(4)	100' Lt. 1537+00			-	15358-63
80	48	Lovelace	DF-024-3(4)	7054' SE. 109+23.5.			Meeks	15854-58
81	6	Whiteman	DS-1518(4)	14,476' Lt. 1409+16 on DS-1518(3)			Forest	16046-72
82	36	Lovelace	DF 024-3(4)	9.8mi. N.E. on US 54 from 343+38 th. 610' Lt.			State	16091-106
83	17	Cox	S-1325(1)	2440' Rt. 50' of Sta. 20+00			Higgins	16467-502
84	10	Whiteman	F-001-6(4)	3.9mi. Lt. Sta. 28+37			Stockton	16541-52
85	93	Cox	S-1235(2)	7466' Lt. Sta. 1217+67			Crow	17216-48
86	8	Whiteman	S-1529(2)	248' Rt. 276+00 'A' Line.			Lesage	17316-35
87	62	Lovelace	S-1153(7) S-1300(5)	3442' Rt. 343+95 on S-1300(8) Extended 7-20-70			Hall Gov't.	17621-40
88	93	Cox	S-1235(2)	1175' Lt. Sta. 971+68			Stockton	17915-35
89	10	Whiteman	I-025-6(1)448	3.9mi. Lt. 28+37 on F-001-6(4)			Stockton	17876-82
90	32	Whiteman	I-025-5(7)346	4.0mi. No. Sta. 170+91.7			Stokers	17711-31
91	32	Whiteman	I-025-5(7)346	9.0mi. No. Sta. 170+91.7			-	17836-41
92	-	Whiteman	I-025-6(2)45C				Stockton	17943-47
93	93	Cox	S-1235(2)	2790' Lt. 752+00			Gov't	18341-57
94	85	Lovelace	S-1104(2)	127' Rt. 400+59			Shake.	18460-75
95-F	94	Cox	S-1235(2)	850' E. 153+32 on S-1231(1)			Green	18843-47
96-F	94	Cox	S-1235(1)	1008 E 153+32 " "			Utterback	18836-42

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PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Weer -CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
97	In [illegible]	Whiteman	I-040-1(8)10	9.9 mi. West on US 66 from 0+00 th. 570 Rt.			Lucero Pit	18
98-F	25	Whiteman	I-040-1(8)10	4615' No. 56+00 on FAP-27(6)			N. Indian	19
99	103	Cox	S-1278(1)	300' Lt 7+61.3			Forest	19
100	113	Whiteman	F-018-1(7)	2.8 mi. No. 695+05.2, th. 1478' E.			Issacs	19
101-F	38	Whiteman	I-040-1(1)47	3.5 mi. No. along bladed road from 1210+00 on I-093-1(9)			Indian Affairs	20
102	109	Lovelace	F-002-1(5)	9.3 mi. No. of Steins Interchange			Govt.	20
103	91	Cox	F-020-1(8) & F-021-1(4)	2.5 mi. E. of R/W Sta. 1133+84 on F-020-1(5)			Govt.	21
104	11	Whiteman	S-1442(2)	1250' Lt. 200+57			Green	21
105	97	Lovelace	F-002-1(5)	25.1 mi. No. of Jct. US-70 & 80			Wright	21
106	—	Proj. Engr.	Greentree				—	—
107	91	Cox	S-1227(1)	1.85 mi. W. 581+90 on S-1226(2)			City of Alamogordo	21
108	11	Whiteman	S-1442(2)	3.2 mi. Rt. 187+30			State	21
109	11	Whiteman	S-1442(2)	3.6 mi. Rt. 187+30			State	21
110-F	109	Lovelace	F-002-1(5)	4.0 mi NE. Lordsburg on SR 180			State	22
111-F	109	Lovelace	F-002-1(5)	15.3 mi. " " " "			Forest	22
112	36	Cox	S-1430(2)	3760' Lt 284+47			Heiman	21
113-F	46	St. Jeor	S-1407(2)	4.5 mi. West of BOP.			Macz	21
114	39	Whiteman	S-1302(4)	1868' Rt. 1+62.5 on S-1302(3)			Lee	22
115-F	35	Cox	S-1430(2)	6.35 mi. W; th 1045' So. 0+00			State	22
116	24	Cox	S-1430(2)	7942' W. 0+00 th. 1190' No.			Culbertson	21
117	99	Lovelace	S-1112(1) & S-1113(1)	405' Rt. FI Sta. 931+12.5			Fisher Est.	22
118	99	Lovelace	" "	290' Rt. 727+08.2			Eby	22
119	99	Lovelace	" "	883' Lt. 755+00			Warren	23
120	99	Lovelace	" "	1465' So. EOP. Sta. 900+55.9, th. 218' W	(Water 4'-6')		Richardson	23
121-F	37	Wade Perry	S-1300(4)	1750' Lt. 58+00 on S-1301(3)			Zuni Ind.	23
122-F	11	Cox	F-046-1(3)	11.5 mi. No. 1026+19			Rogers	23
123	96	Cox	F-026-1(4) Etc.	1190' Lt. 160+00 on F-021-3(1)			State	24
124	30	Whiteman	F-051-1(8)	0.9 mi. Northerly on US 64 from 831+87 th. 565' Lt.	Wet Pit		Pojoaque Ind. Res	24
125-F	96	Cox	F-026-1(4) Etc.	48' Rt. Sta. 146+00			State	25
126	31	Lovelace	F-051-1(8)	845' Lt. Sta. 312+13 on F-051-1(2)			Tesuque Pueblo	24
127	41	Whiteman	I-025-4(12)220	915' Lt. Sta. 135+93.8 on F-001-4(3)			Alb. Grave Product	25
128	18	Cox	S-1527(1)	390' Rt. Sta. 34+00			Girón	26

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PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear Soundness CONTRACTOR DATE LET.	SURFACE OWNER	
129	42	Lovelace	S-1306(1)	460' Rt. 201+54		Forest.	26497-504
130	42	Lovelace	S-1504(3)	1310' No. 983+43.4		Trigg	26216-37
131	F96	Cox	F-026-1(9) Etc.	278' Rt. 2815+73 on FAP-26		State	26130-34
132	72	Cox	F-027-3 (2)	4.0 mi. W. of BOP th. 3.6 mi. South.		Anderson	26765-816
133	F11	Whiteman	F-046-1 (3)	3.5 mi. N & E. 560+80 on F-046-1(1)		Erwin	27161-83
134	F56	Ray Busch.	I-040-5 (2) 250	3066' North 43+01 on I-040-5(9)25?		Marque.	26342-444
135	F72	Cox	F-027-3 (2)	370' Rt. R/W Sta. 582+00 on S-127(1)		Baxter	27280-89
136	5	Whiteman	S-1525(4)	2.6 mi. Northerly from Sta. 156+00		Trujillo Stern.	27388-405
137	4	Cox (66) Whiteman	S-1352(4) S-1326(11) & 12	4.3 mi. NW of Dulce 4.3 mi. N.W. of Dulce	66-133 4-404	Jicarilla Apache.	59-18196-201 27426-35

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PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR ~~DATE LET~~	Soundness SURFACE OWNER	
1	60	Cox	F-027-3(2)	11.5 mi. No. Sta. 212+00	7.6	Whiteman	59
2 Est. 5446-S	40	Lovelace	I-040-2(1)105	1545' Lt. Sta. 44+65 on FI-003-2(1)	6.0	Laguna Ind	31% 26
3	19	Cox	S-1513(2)	2.65 mi. SW. of BOP Sta. 0+00	51.7	Forest	93
4	19	Cox	S-1515(1)	1.2 mi. NE. Sta. 77+58	5.4	Kodaire	931
5	56	Cox	Maint (Vaughn)	—	—	Main()	150
6	59	Cox	SP-4-59(602)	1350' Rt. R/W Sta. 46+74 on SAP-109-A3	13.1	Haynes	1706
7	36	Cox	SP-4-59(601)	3300' Lt, th. 465' Rt. Sta. 276+62 on S-167(4)	6.4	Burns	1771
8	24	Cox	SP-4-59(601)	1.35 mi. West of Sta. 283+00 on FAS-1431	4.4	Leighton	189
9	30	Lovelace	I-025-5(13)288	2.0 mi. W. of US 85 on Airport Rd. th. 0.3 mi. N, th. 1900' W.	3.3	State	1901
10	55	Whiteman	I-040-4(9)199	13,360' Rt. Sta. 378+74	5.6	Ernamonspi	1951
11	55	Whiteman	I-040-4(9)199	4.84 mi. Rt. of Sta. 271+93	1.4	Huntley	174
12 F77		Lovelace	F-017-2(4)	975' E. of Sta. 316+76 on FAP 51(3)		Govt.	2126
13 F56		Busch PE	I-040-5(6)241	2128' So Sta. 922+09.3	—	Lucero	
14	43	Whiteman	I-040-4(9)199	750 Rt. Sta. 224+00	4.4	Dueling	2583 2336
15	42	Long PE	I-040-3(8)169	9 mi. SE Sta. 461+00	-	-	-
16	55	Whiteman	I-040-4(9)199	2.8 mi. Rt. Sta. 113+02	2.6	Davis	2691
17 Ext.	31	Lovelace	I-025-5(12)297 I-025-5(10)302	1.6 mi. Lt. Sta. 880+15	4.6	Fagelson	2747 2725
18	113	Cox	I-010-2(1)150	515' Lt 493+00	14.1	Govt	29
19	113	Cox	I-010-2(1)150	375' Lt. Sta. 735+00		State	29
20	31	Lovelace	I-025-5(12)297 (26)297 (Overlay)	2.3 mi. N. 510+00	3.1	Roybal?	66-250 29
21	70	Lovelace	F-027-2(5)	2.1 mi. S. 489+77, th. 900' E	CA. 0.7 FA 1.8	Wertheim	303
22	55	Whiteman	F-050-1(1) Used on I-040-4(11)208	3280' Lt. Sta. 895+47.9	0.7	Harrel	4932 3038
23	55	Whiteman	F-050-1(1)	110' Lt. Sta. 1385+50	5.0	State	61-731 3084
24	55	Whiteman	I-040-4(9)199	2.5 mi. Ft. 112+78.3. th. 340' E.		Longhorn Ranch. Paul Davis	4925
25	—					—	-
26	7	Whiteman	S-1518(2)	4.8 mi. N. th. 1581' W. of Sta. 2378+75	3.7 In Colorado	Romero	15814 3516
27	32	Cox	S-1424(1)	100' Lt. Sta. 177+00	17.5	Lucero	3556
28	20	Cox	S-1426(3)	850' Lt. 109+35 on S-210-A	3.6	—	3531
29	20	Cox	S-1426(3)	1030' SW Sta. 0+00	23.4	Arellano	3546
30	18	Cox	S-1527(1)	6.1 mi. N. of EOP STA.	1.8	Petaca Mining Corp.	3574
31	4	Whiteman	S-1326(11)	255' Lt. 388+49.8		Jicarilla Apache Ind.	4067
32	—					—	-

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33	32	Cox	S-1429(1)	730' Rt. R/W Sta. 598+00 on SAP-32		10.5	Pena	4740-6262
34	99	Cox	S-1401(1)	800' Rt. Sta. 45+00		5.3	Anton Chico Gr.	4936-71
35	—	—				2.2	—	—
36	104	Lovelace	S-1200(3)	29195' NE Along SR83 from BOP		0.9	Bizzell	—
37	109	Lovelace	S-1200(3)	7715' Lt. Sta. 770+00		2.8	Forest	5179-86
38	46	Whiteman	I-040-6(3)309	3.8 mi. Rt. 231+77		2.4	Beasly	5223-54
39	96	Whiteman	I-040-6(3)309	—		6.1	Cambell	5255-58
40	3	Cox	F-032-1(6)	2797' Rt., th. 1568' Lt. of 773+95		3.8 2.9	Govt.	17835-38
41	103	Lovelace	S-1200(3)	3720' Rt 621+50 on BPE 35 A 4		4.4	Forest	5482-5501
42	2	Cox	F-032-1(6)	3632 Lt. 701+00		1.6	Abrams	5595-61
43	3	Cox	F-032-1(8)	3000' Rt. 1229+90		3.3	Govt.	5562-82
44	36	Whiteman	F-024-3(6)	725' Lt. 868+16		2.6	State	5612-36
45	5-5-5 —	Lovelace	I-040-6(3)309	1 mi. W. Jct. US66 & SR129, th. 085 mi. S			—	5780-82
46	31	Whiteman	S-1536(1)	815' Lt. Sta. 17+70.5		5.0	Govt.	5769-75
47	92	Cox	F-021-2(6)	980' Lt. 839+12		3.6	Silva	5986-6012
48	93	Cox	F-021-2(6)	850' Lt. R/W Sta. 495+00 on F-021-2(9)		5.9	Govt.	9218-23 6166-78
49	60	Lovelace	S-1273(2)	0.7 mi. Lt. Sta. ?		4.1	State	6275-6306
50	60	Lovelace	S-1280(1) S-1273(2)	0.8 mi. N. of EOP. 910+00 on S-1273(2)			McCullough	6323-25
51	29	Lovelace	S-1321(2)	162' Rt. 220+63 on S-1321(1)		5.8	Jemez Ind.	6458-70
52	In Ariz.	Whiteman	I-IG-040-1(13)0	2.8 mi. NW of Ft. Difiance		1.2	Navajo Ind.	6739-42
53	84	Cox	S-1248(1)	610' Lt. Sta. 427+00		3.5	Hale	7040-68
54	84	Cox	S-1248(1)	2640' Lt. 421+65			Hale	6842-45
55	18	Lovelace	F-052-1(4)	1.2 mi. NE Jct. US 84 & SR 74 Th. 1.14 mi. SE on SR 74		2.3	San Juan Ind. Res.	6862-71
56	18	Lovelace	F-052-1(4)	0.8 mi. NE. Sta. 338+50		3.5	Romero	7531-38 6968-80
57	In Ariz.	Whiteman	I-IG-040-1(13)0	2.1 mi. W. of BOP, th 1.62 mi. N., th 0.9 mi W.		1.6	Navajo Ind. Res.	6872-77
58	84	Cox	S-1248(1)	2995' Lt. Sta 94+68		3.3	Williamson	7452-77
59	[illegible]	Cox	DF-051-1(9)	2.65 mi. S of EOP.			—	7415
60	18	Lovelace	F-052-1(4)	290' Rt. Sta. 129+04		1.3	War	7854-66
61	84	Cox	S-1248(1)	1500' Rt. Sta. 105+52			State	7385-91
62	18	Lovelace	F-052-1(4)	720' N. of Bridge No. 3620 on US84 th. 1951' West.		0.7	San Juan Ind Res	7877-7903
63	65	Whiteman	F-001-3(4)	570' Lt. R/W Sta. 90+00 on NMPR #51		1.6	City of Socorro	7907-20
64	65	Whiteman	F-001-3(4)	390' Lt. R/W Sta. 145+00 on -3(4)		1.9	Crespin	7921-37

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PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE LET~~.	Soundness	SURFACE OWNER	
~~65~~	—	Whiteman	F-001-3(4)	600' Rt. Sta. 310+00		5.1		7958 6
66	118	Pace	F-022-2(3)	1.7 mi. SW Sta. 6+00		3.2	Cargill	7938
67	118	Pace	F-022-2(3)	1015' Lt. Sta. 193+05		3.0 3.5	Govt	60-730 7970-80
~~68~~	99	Whiteman	S-1145(2)	1024' Lt. Sta. 1517+00		12.1	Boyd	8236-51
69	99	Whiteman	S-1145(2)	158' Rt of Sta. 1608+80.9		6.1	Robinson	8327-3
70	3	Lovelace	SP-3-59 (602)	1620' So. of Bridge No 3462 on SE44 th. 380' Lt.		0.6	Govt	8267-85
71	43	Cox	SP-5-59 (601)	640' Rt. 1600+00		0.5		8373-7
72	F16	Lovelace	S-1325(1)	425' Lt of P.I. Sta. 280+37		-	Jicarilla Apache	8731-36
73	118	Cox	F-022-2(3)	6.5 mi. So. of Sta 665+24		15.0	Govt	9141-62
74	118	Cox	F-022-2(3)	3165' Lt. of Sta. 171+00		-	Govt.	9168-72
75	33	Lovelace	S-1429(7)	14,580' So. of Sta. 895+32		5.6	Wiggins	9800
76	21	Lovelace	S-1429(7)	4560' So. of Sta. 900+01.2	13.6	1.5	Diamond A	9708
77	24	Cox	F-046-1(7)	7255' North, th 4310' E of Sta. 308+44.8		2.9	Govt.	10411
78	24	Cox	F-046-1(7)	1.1 mi. W., th 1410' So. Sta. 283+10 on FAS-1431		6.9	Leighton	10862
79	24	Cox	F-046-1(7)	th. Rt. 1.5 mi. on Texas Farm Rd. 296 1.3 mi. SE along US87 from 468+21.5			Overby Kennecott	10772
80	98	Lovelace	F-013-1(6)	290' Lt. of Sta. 7+00		4.7	Copper	10787
81	21	Lovelace	S-1429(7)	11,215' Lt. of Sta. 302+40 on S-1429(7)			Smith	11244
82	22	Cox	S-1429(9)	1.6 mi. E. of P.I. Sta. 821+92.2		1.1	Mitchell	11325
83	F22	Cox	S-1429(9)				State	11363
84	66	Lovelace	S-1500(4)	10.2 mi. N. of P.I. Sta. 564+55, th. 1800' Rt		6.6	Nealy	11903
85	108	Cox	S-1220(1)	470' Lt. of Sta. 180+00		0.7	State	12071
86	108	Cox	S-1220(1)	1310' Lt. of Sta. 480+00		3.0	State	12114
87	107	Cox	S-1220(1)	350' Rt. of Sta. 879+00		1.9	State	12363
88	108	Cox	S-1279(1)	1760' Lt. of Sta. 144+00		3.2	State	12303
89	F66	Lovelace	S-1500(4)	937' SW of Sta. 870+46			Kite	12361
90	67	Lovelace	S-1276(1)	3.5 mi. SW of 0+00, on US54, th. 0.6 mi. W.		3.2	Forest	12507
91	107	Cox	S-1279(1)	400' Rt. of Sta. 468+00		1.3	State	13138
92	98	Whiteman	S-1165(12)	710' Lt. of Sta. 388+00		11.0	Turner	13121
93	107	Cox	S-1279(1)	1590' Rt. of Sta. 768+58		1.2	State	14436
94	F113	Whiteman	F-001-1(7)	830' Rt. 235+00 on I-010-2(6)143		3.4	Burn	13886
95	F107	Cox	S-1220(1)	620' Rt. 813+00 on S-1279(1)			State	13870
96	F107	Cox	S-1279(1)	665' Lt. of Sta. 825+73			Williams	13877-81

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97	F-16	Lovelace	S-1276(1)	1400' Lt. Sta 286+44 (No Sketch)				14292-98
98	60	Cox	S-1273(2)	1.7mi. E., th. 1470' N. Sta. 580+33		16.8	Hester	14495-512
99	113	Whiteman	I-025-1(9)12	5760' Lt. of Sta. 1053+90		2.9	Bur. of Reclam.	15087-107
100	99	Whiteman	S-1109(1)	254' Rt. of Sta. 170+00		18.7	Merino	15933-45
101	F 7	Pace	S-1518(2)	1675' Rt. of Sta. 1450+00			Great Lakes Carbon Corp	16257-6
102	F 98	Whiteman	S-1165(12)	6.25 mi. W. along US 260 from 348+81 th, 4.35' SE.			McMillin	16309-14
103	38	Whiteman	I-IG-040-1(14)30	5.0mi. Lt. 1210+00 on I-093-1(9)		7.3	Govt. Ind. Allot.	16566-80
104	F 26	Whiteman	I-IG-040-1(14)30	16,738' Lt. Sta. 547+00 on I-IG-041-1(6)33			Navajo Ind. Res	16799-82
105	F 48	Cox	F-024-3(6)	470' Rt. of Sta. 440+04			State	16830-34
106	F 11	Willard PE	F-046-1(3)	6.0 mi. Due North of Sta. 705+438				17420-2
107	120	Cox	S-1219(6)	380' Rt. of Sta. 201+00		26.2	State	17711-726
108	F 120	Cox	S-1219(6)	1150' Rt. of Sta. 234+00			Hardy	17613-24
109	F 3	Whiteman	F-032-1(6)	2544' E of Sta. 773+95, th 2100' SE			Govt	17832-44
110	F 3	Whiteman	F-032-1(9)	420' Rt. of P.I. Sta. 899+31.3				17945-47
111	5	Whiteman	S-1326(12)	3.3mi. Northly from Sta. 156+00 on S-1525(9		3.4	Jicarilla Apache	18148-55
112	108	Cox	S-1219(4)	925' Rt. of Sta. 449+00		8.9	Wise	18458-66
113	120	Cox	S-1219(6)	2.3mi. Lt. of Sta. 266+81 (Eunice N&S)		6.0	Stephens & T.	18417-32
114	F 108	Cox	S-1219(5)	145' Rt. of 664+00 on S-1219(4)			State	18467-71
115	F 67	Cox	S-1276(1)	558' Rt. of Sta. 892+56 on S-1501(2)			State	18578-83
116	2	Cox	S-1347(1)	365' Rt. of Sta. 52+34		1.3	Garland	18905-28
117	50	Whiteman	S-1300(6)	3215' Rt. of Sta. 812+95 orig. Sta. OK (Not Drawn)		30.1	Hubbel Shearer Co.	19032-55
118	50	Whiteman	S-1300(6)	800' Rt. of 864+00 Not mapped		0.9		19028-31
119	F 10	Schubart PE	I-025-6(1)450	4738' Lt. 550+00 on FI-1(18)			Wright	
120	—							

Do Not Use
Stay 11

1960

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Near CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
1	29	Whiteman	F-033-1(1)	1270' Rt PI Sta. 354+87		6.3	Zia Ind Pueblo	124-138
2	41	Cox	I-025-4(14)218	7,115' South Sta. 193+00	27.2	2.4	U N M.	18-43
3	41	Cox	I-025-4(14)218	1760' Lt. Sta 279+00	24.0	10.2	UN M.	189-211
4	41	Cox	S-1348(1)	540' Lt. Sta. 282+01.4 'B' Line		4.1	UN M.	Bor. Pit 'A' 212-233
5	29	Whiteman	F-033-1(1)	570' Rt. R/W Sta. 11+89.4 on S-234(2)		5.3	Jemez Pueblo	234-253
6	29	Whiteman	S-1346(1)	1140' Lt. Sta. 1235+00		6.3	Montoya	322-338
7	77	Whiteman	SP-2136	5645' Rt. Sta. 222+00		4.4	Munser	526-41
78	77	Whiteman	SP-2136	13,558' Lt. Sta. 143+00		12.5	Govt.	519-525
9	30	Cox	S-1317(5)	470' Rt. Sta. 73+00		2.3	Cochiti Ind.	1196-1211
10	101	Whiteman	I-025-1(4)12	974' Lt. Sta. 1513+52		13.9	Govt.	1548-56
11	97	Cox	F-011-1(1)	1000' Rt. Sta. 177+00		9.6	Govt.	1392.5-27 1632-48
12	97	Cox	F-011-1(2)	4.6mi NW. th. 810' NE BOP. Sta. 0-227+09.6		43	Govt State	1665-79
13	18	Whiteman	F-052-1(5)	1490' Lt. 312+13.6		3.0	Presbyterian Church	1698-1714
14	109	Cox	F-011-1(2)	12.50' Rt. Sta. 107+00		6.8	State	1787-92
15	18	Whiteman	F-052-1(5)	3.3mi Lt. PI. Sta. 217+33.1 Plus 649.7'		2.1	Bureau Ceclom.	1793-1809
16	29	Whiteman	Dist 3 Sealing	770' Rt. Sta. 11+89.4 on S-234(2)		5.5	Zia Pueblo	2371-74
17-F	29	Whiteman	F-033-1(1)	2391' Rt. of R/W Sta. 11+89.4 " "		—	Jemez Pueblo	2418-21
18	44	Cox	SP-4-60(603)	460' Rt. 507+46 on FAP-60-B(8)		4.1	State	2503-22
19	77	Cox	I-025-3(5)136	780' Lt. Sta. 1124+00		2.1	Govt.	2590-2611
20	35	Cox	S-1430(3)	9340' NW Sta. 397+00		6.0	Libby	2730-2813
21	84	Cox	Dist. 2 Maint	1.4 mi. So. of Nora.		13.8	State	3181-98
22	72	Cox	" "	3.05mi. West of Arch.		5.9	Howard	3201-17
23	41	Whiteman	S-1348(2)	4420' W. Sta. 0+00 on S-1348(3)		1.4	Giannini	3234-47
24	20	Cox	S-1433(1)	1340' Lt. Sta. 130+00		22.2	Trujillo	3301-22
25	20	Cox	S-1433(1)	1520' NE. 397+00 on F-051-2(1)		4.2	Lebus Bros	3323-36
26	32	McCorquodale	S-1424(1)	464' Lt. Sta. 6+30		4.8	Warren	3507-12
27	8	Whiteman	S-1529(3)	950' East. Sta. 659+09		9.8	Forest	3772-81
28	19	Whiteman	Dist. 5 Maint	3063 Lt. R/W Sta. 1060+60		43	Forest	3782-87
29-F	109	Cox	F-011-1(2)	2340' Rt. Sta. 38+00	—	—	State	3929-35
30-F	24	Cox	F-046-1(7)	735' Rt. Sta. 315+00 on FAS 1441		—	Leighton	4251-55
31	8	Whiteman	S-1529(3)	340' Rt. PI Sta. 498+67.1		11.8	Forest	4364-79
32	30	Whiteman	F-051-1(8)	2315' East of R/W Sta. 35+26(1)		4.7	Pojoaque Pueblo	4416-26

1960

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
33	104	Cox	S-1201(2)	2386' SE Sta 64+07 on S-164(2)		1.3	Merritt	4427-51
34	25	Whiteman	FLHP-12(6)	202' Rt. of Sta. 1598+59		37.0	Navajo Indians	4921-34
35	98	Cox	S-1165 (13)	2.1 mi. NW. of BOP Sta. 0+00		50	McMillen	4953-62
36	98	Cox	F-013-1(7)	1943' Lt. Sta. 388+00 on S-1165(12)		14.3	Turner	4963-80
37	85	Cox	S-1165 (11)	2.8 mi. North Sta. 655+00		1.5	Latham	5245-60
38	98	Cox	S-1165(13)	1.75 mi. NW of BOP Sta. 0+00		4.7	McMillen	5715-38
39	120	Harcrow P.E.	S-1219(9)	250' Rt. Sta. 467+90 on S-1219(4)		—	—	—
40	98	Cox ?	S-1165(13)	—		1.5	—	6067-78
41	91	Whiteman	S-1226(4)	3.5 mi. NW. 289+77.3 on S-1226(1)		5.4	Forest	7808-16
42	29	Cox	S-1319 (5)	Lt. of R/W Sta. 656+15.8 on S-234(2)		8.1	N.M. Timber Co	7922-37
43	31	Lovelace	S-1535(4)	10' Lt. Sta. 180+00			Forest	8393-96
44	70	Meadows P.E.	F-027-2(5)	—			Steel Ranch Inc	7983-8000
45	2	Cox	S-1336(9)	4884' West of Sta. 40+60		3.4	Walker	8507-24
46	113	Whiteman	I-010-2(9)146	3.5 mi. Rt. Sta. 172+50		5.6	BLM	8527-33
47	113	Whiteman	I-010-2(9)146	2.1 mi. Rt. Sta. 172+50		6.1	BLM	8541-68
48	31	Whiteman	S-1417(2)	860' Lt. Sta. 18+00		6.0	Benedictine Monastery	8617-38
49	120	Cox	S-1218(2)	2780' Lt. Sta. 128+03		—	State	9146-57
50	120	Cox	S-1218(2)	6150' Lt. Sta. 128+03		9.6	BLM	9158-81
51	5	Whiteman	S-1522(1)	4154' Rt. of Sta. 74+00		6.6	Faris	9288-9302
52	39	Whiteman	I-040-2(2)90	(by Rinconado Pit)		13.5		9618-55
53	54	Cox	S-SG-1500(5)	2700' Rt. 51+73 on S-15(1)		10.9	Shaffer	9781-93
54	19	Maley P.E.	S-1426(5)	Lt. of Sta. 602+9.5			—	9985-89
55	94	Cox	F-023-2(2)	3610' Lt. of Sta. 1101+16		8.9	Grassie	11145-76
56	94	Cox	F-023-2(2)	1580' Lt. of Sta. 485+00		1.2	State	11274-302
57	26	Whiteman	S-1336(5)	380' Rt. of Sta. 814+00		28.0	State	10822-36
58	38	Whiteman	S-1336(10)	3824' Lt. of Sta. 124+72.7 on 1336(3)		1.5	Forest	11422-31
59	26	Whiteman	S-1336(10)	1380' Rt of Sta. 840+00 on 1336S		2.4	Navajo Ind.	11436-48
60	91	Long P.E.	I-040-3(19)166	1.1 mi. No. of Jct. NM 122 & Menaul Blvd th. D. 4 mi. N.W.		—	—	—
61	41	Brown P.E.	I-025-4(13)219	500' East of Lt. Lane Sta. 175+50		2.7	—	10920-21
62	41	Whiteman	I-040-3(16)165	1380' Lt. 559+22 on (15)230		3.2	Sandia Pueblo	11449-466
63	98	Rtz	F-013-1(7)	Rt. of Sta. 3+80 on U-1165(8)			Highway R/W	5869-71
64	106	Cox	F-023-1(8)	870' Lt. of Sta. 168+00		21.0	Benta	(Chg. to Borrow Pit) 11795-814

1960

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE LET.	Soundness CONTRACTOR DATE LET.	SURFACE OWNER	
65	106	Cox	F-023-1(8)	1.5 mi W. th .615' So. 1570+67 on F 023-1(3)		1.3	Sherrell	11818-
66	107	Cox	S-1216(1)	3892' Lt. 187+92 on FAS 1216		5.2	Taylor Holdman Co.	11953-
67	26	Whiteman	S-1336(11)	1 mi. West of Standing Rock.			—	12452-
68	108	Cox	F-022-2(5)	2091' Lt. 3353+18		3.0	State	13363-
69	24	Cox	F-046-1(7)	0.7 mi. W. th 6 mi. South of Sta. 20+60		1.7	State	12536-
70-F	107	Cox	S-1216(1)	375' Rt. of Sta. 543+88		—	Govt.	—
71	18	Whiteman	S-1324(4)	1500' Rt. of Sta. 284+00		3.0	Serrano	13585-
72	88	Cox	F-001-2(1)	0.75 mi. No, th 970' E. 119+54		2.5	Whitmer	13630-5
73	97	Cox.	F-002-1(5)	535' Rt. 727+00 on F-011-1(3)			State	13891-9
74	F98	Cox	S-1165(13)	14.8 mi. SE. from Sta. 22+00 (Along FAS-1107)			Phillips Dodge Corp	13752-59
75	41	Whiteman	I-040-3(16)165	720' Rt. Sta. 22+50		1.8	Springer Gravel Prod	13755-62
76	91	Whiteman	S-1226(4)	2.2 mi. Lt. Sta. 78+00		1.2	Mescalero Apache	13860-6
77	F Ariz.	Cox	F-011-1(1)	0.5 mi. N.W th. .2 mi. N. BOP. Sta. 5+10		—	State of Ariz.	13928-3

1961

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE	Soundness ~~ET.~~	SURFACE OWNER	
1	22	Cox	S-1441(1)	8.8 mi. N. 211+27, th 1mi. E	15.6	1.5	Stevens	721-25
2-F	22	Cox	S-1441(1)	1.6 mi. N., th 1230'E 579+55		—	Fleming	1200-1208
3-F	94	Whiteman	RAD-16(1)	0.2 mi. E. 91+77, th 3.75 mi. N, th. 1.5 mi E.		—	Mitchell	1325-30
4	94	Whiteman	RAD-16(1)	0.25 mi. N, th 1.15 mi. W. th 7.5 mi. N 0+00		1.0	Heitman	1315-24
5	101	Whiteman	I-025-1(4) 12	0.95 mi. Lt. Sta. 1053+90.35		2.0	Colquitt	1436-64
6	19	Cox	S-1539(3)	.365'Lt. Sta. 1044+00		2.9	Texas Ind.	1465-83
7	7	Cox	S-1539(4)	200'Lt. Sta. 831+00		3.9	Kirby	1672-1700
8	10	Cox	F-046-1(9)	3790' Rt. Sta. 456+00		1.0	King	2428-37
9-F	57-56-5 10	Cox	F-046-1(9)	7.2 mi. SW Sta. 26+00 on F-046-1(2)		—	Wheeler Kennedy	2619-27
10	14	Whiteman	S-1336(11)	5.2 mi. Lt. Sta. 2512+53.9		6.0	Navajo Ind.	2776-9
11	14	Whiteman	S-1336(14)	182'Lt. POST Sta. 2756+10		—	YTAH Nob H	4070-410
12	60	Cox	SP-2-61(604	1.65 mi. SE Sta. 798+20 on S-76(4)		1.5	Garrett	3861-7
13	37	Whiteman	(For Information)	17,872' Rt. 563+09 on S-1303(1)		1.8	Maribal	(Limest
14	40	Cox	I-040-2(11)101	7.0mi. NE Sta. 417+79		5.6	Laguna Ind	5128-5
15	38	Cox	US66-Bluewater-Lake Dist 3 Maint	505' E. of Sec Cor. Com to th. 2555' So. Sec. 33-34-4		0.7	State Park Comm.	4838-45
16	40-7-1 39	Whiteman	I-040-2(13)96	7.6mi NE. Sta. 258+955			Cubero Grant	5597
17	40-7-2 39	Whiteman	I-040-2(13)96	8.3mi NE. Sta. 258+95		3.2	" "	5595-96
18	39	Whiteman	I-040-2(13)96	870' Rt. Sta. 100+00		8.7	Acoma Ind	5836-60
19	55	Cox	I-040-4(11)208	7746'Lt. of R/W Sta. 675+83.1	Haake & Loomis 3,0 Oct. 61		State	7319-7327
20	59-23-5 55	Cox	I-040-4(11)208	110'Lt. Sta. 1385+50 on F-050-1(1)		—	State	59-3087-89-93-95 61-7315-18
21	16	Cox	S-1352(1)	703'Lt. Sta. 402+00			Jicarilla Apach Ind.	7702-18
22	16	Cox	S-1352(1)	800'Lt. Sta. 649+00			" "	7719-34
23	39	Whiteman	I-040-2(13)96	2610' Rt. Sta. 100+00		3.6	Pasqual	9441-47
24	42	Whiteman	SP-2338(201)	700'Lt. Sta. 232+50		2.1	Forest	9454-58
25	86	Whiteman	FLHP-13(1)	7'Lt. PI Sta. 166+74.7 Plus 73'		2.0	"	10495-96
26	86	Whiteman	FLHP-13(1)	347' Rt. PI Sta. 418+25.4		2.2	"	10497-10500
27	86	Whiteman	FLHP-13(1)	29.30' Rt. Sta. 689+19.2		11.9	"	10518-23
28	86	Whiteman	FLHP-13(1)	147' Lt. P.I. Sta. 2+31.8		17.5	Laney	10955-64
29	98	Whiteman	US-1165(8)	880' Lt. Sta. 17+27		4.4	Govt	11405-12
30	97	Whiteman	S-1170(1)	335' Lt. 236+56.9		2.9	Govt.	11751-61
31	40	Whiteman	I-IG-040-2(1)105	& Sta. 801+233 on (14)111		20.9	Laguna	15615-42 14977-15010
32	113	Withrow	I-010-2(12)151	2.6 mi. E. Sta. 535+00				6107-08

1961

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
33	17	Cox	S-1346 (1)	—		2.2	Wiegel Lewis	1564
34	29	Cox	F-033-1 (2)	3.3 mi. NE Sta. 142+00		8.4	Cordova	160° 1565
35	40	Whiteman	I-IG-040-2(1)105	& Sta. 822+71 on (14)111.			Laguna Ind.	15[illegible]
36	10	Whiteman	I-025-6(3)454	14,503' Rt. R/W Sta. 6+38 on Service Rd. (1)448		18.0	Stockton	165[illegible]
37	10	Whiteman	I-025-6(3)454	2.8 mi. W. Sta. 6+38 " " "		22.7	Stockton	165[illegible]
38	32	Whiteman	U.S.-1426 (7)	2780' Lt. Sta. 18+35 on UE-188 (2)		4.9	Bibb	171[illegible]
39	46	Whiteman	I-040-5(8)299	4.3 mi. SE Sta. 236+84		7.1	State	62-3[illegible]
40	77	Cox	I-025-2(2)126	500' Rt. Sta. 790+00		5.0	Govt.	177[illegible]
41	77	Cox	I-025-2(2)126	620' Rt. 744+00		7.9	Govt.	1778
42	77	Cox	I-025-2(2)126	480' Rt. Sta. 617+00		3.1	Govt	1816
[illegible]3	77	Cox	I-025-2(2)126	2060' Rt. Sta. 676+00		2.0	Govt.	1819
[illegible]4	77	Cox	I-025-2(3)119	790' Rt. Sta. 212+00		2.8	Victorio Land & Min. Co.	181[illegible]
45	2	Whiteman	F-033-2(4)	594' Lt. Sta. 178+19.5		5.0	Bennett Dustin	1518
46	2	Whiteman	F-033-2(4)	1102' Lt. Sta. 272+23.5		6.2	Govt	1837
47	2	Whiteman	F-033-2(4)	1959' Lt. Sta. 432+05		3.1	Govt.	183[illegible]
48	41	Cox	F-001-9(12)	536' Rt. Sta. 48+95 on FAP-33		1.6	Univ. N.M.	184[illegible]
49	40	Whiteman	S-1355 (1)	5050' Rt. Sta. 6+341		6.8	Cebolleta Grant.	188[illegible]
50	40	Whiteman	S-1355 (1)	5370' Rt. Sta. 6+341		9.0	Cebolleta Grant.	187[illegible]

1962

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear / CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
1	106	Cox	F-023-1(8)	2048' Lt. 837+92.5 on F-132(6)		1.8	Landry	62-56-80
2	36	Whiteman	F-029-3(6)	3246' Rt. 790+00 on F-029-3(6) (Ext. of Clay Pit)		3.9	May	201-224
3	36	Cox	F-024-3(7)	4389' Lt. 73+00		13.0	Burns	683-704 Resample 406-423
4	46	Whiteman	I-040-5(8)298			3.2	Reasly	424-33
5	36	Cox	F-029-3(8)	3470' Lt 73+00 on F-029-3(7)		11.8	Burns	705-723
6	46	Cox	I-040-5(12)298	4.35mi So. 524+98, th East.		11.8	Reilly	1561-86 1321-66
7	3	Whiteman	S-1349(2)	897' Rt. 39+62			Govt.	1367-71
8	3	Whiteman	S-1349(2)	200' Rt. of PI sta. 338+98			Govt.	1372-75
9	3	Whiteman	S-1349(2)	200' Lt. 661+07			Govt.	1376-82
10	46	Cox	I-040-5(12)298	4.35mi. So. 524+98, th 570' West		5.1	Reilly	2037-74 1688-1705
11	110	Whiteman	I-010-2(15)55	2.8mi. Rt. 1389+96.5		10.5	Govt.	1728-48
12	46	Cox	I-040-5(13)291	1799' Rt. 147+22		9.7	Reilly	2227-6
13	110	Whiteman	I-010-2(15)55	2.7mi. Rt. 1520+00		1.0	Govt.	2353-6
14	10	Dexter(PE	S-1442(4)	8328' Lt. 624+22 on (1)448		None	Stockton	1850-69
15	100	Whiteman	I-IG-025-1(5)26	950' Lt. 66+80.7		5.9	BLM.	2592-26
16	100	Whiteman	I-IG-025-1(5)26	2702' Rt 210+02		1.5	BLM.	2604-1
17	110	Whiteman	I-010-2(15)55	490' Rt. 1412+00		—	Porcher	2289-99
18		Whiteman	F-046-1(6)	(Void No sketch)		11.3		3957-71
19	29	Cox	S-1346(2).	3355' Rt. 1136+86		6.2	BLM.	3921-56
20	104	Trotz Const.	S-1201(2)	120' Lt 865+25 (No sketch)		1.7	Govt.	4033-50
21	38	Whiteman	I-040-2(16)70 1(26)64	9710' Lt. 1219+489		11.6	Elkins	5399-5420
22	16	Perry-Henry	S-1352(1)	760' Lt. 419+00		—	Jicarilla Apache	—
23	99	Cox	S-1109(2), S-1145(4)	736' Rt. 1786+53		11.3	Tidrick	6078-6105
24	86	Whiteman	FLHP-13(2)	100' Rt 804+00		15.3	NM Game-Fish	6616-24
25	10	Whiteman	F-046-1(6)	1510' Rt. PI sta. 152+24.2		12.7	VAN Buskirk	7051-7121 3974-76
26	34	Cox	S-1429(6)	405' Lt. 86+33		7.0	Ray	7646-57 7122-33
27	34	Cox	S-1429(6)	1896' Lt. P/W 130+23 on S-1429(8)		8.0	Ray	7658-87
28	10	Whiteman	F-046-1(6)	12,997' Rt. 398+34.1 on F-046-1(10)		4.2	Gumm	7688-91
29	10	Whiteman	F-046-1(10)	12,962' Rt. 398+34		None	State	7688-91
30	40	Whiteman	I-IG-040-2(1)105	3445' Lt. 44+66 on FI-003-2(1)		9.9	Laguna Indians	9129-51
31	40	Whiteman	I-IG-040-2(1)105	9972' Lt. 345+00 on UP 50-1(2)		8.4	" "	9152-71
32	40	Whiteman	I-IG-040-2(1)105	10,442' Lt. 345+00 " "		9.6	" "	9172-83

1962

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE	Wear LET.	Soundness	SURFACE OWNER	
33	46	Cox	I-040-5(14)283	9310' Rt. 12+40 on (8)299		5.1		State	990
34-F57	M°Call		I-040-5(14)283	5215' Rt. 870+00 on FAS 1406				Meacheus	104
35	20	Whiteman	S-1428(3)	555' Lt. PI Sta. 1126+008		16.3		Martin	109
36	105	Cox	S-1200(6)	2290' Rt. R/W 762+47 on S-1200(1)		6.1		State	118
37	104	Cox	S-1200(6)	6081' Rt. 642+00 " "		3.0		State	117
38	Contractor					None			
39	18	Cox	S-1519(1)	790' Lt. R/W 71+00 on		4.6		Bohnstedt	121
40	18	Cox	S-1519(1)	610 Rt. PI Sta. 190+63.8		5.1		Govt.	1262
41	18	Cox	S-1519(1)	1025' Rt. 94+00		1.0		Martin	126
42	18	Cox	S-1519(1)	100' Rt. 445+00		5.7		Atterbury	1260
43	43	Cox	I-040-4(9)202	2.35 mi. N. 372+40, th 3375 NE	2.12	0.6		BLM	1330 1330
44	85	Whiteman	S-1104(3)	82.50' Rt. 497+65.7		13.6		Lumwalt	1333
45	42	Cox	S-1353(1)	3280' E. of PI Sta 196+28, th 1280' So.		6.6		Pierson	141
46	42	Cox	I-040-4(8)185	6910' So. 288+97		1.1		Williams	1367
47	65	Whiteman	I-025-3(5)136	470' Rt. 1339+81		2.0		City of Socorro	1445
48	44	Cox	I-025-5(11)307	468.5' NE PI Sta. 1502+50		3.0		Melton	1621.0 1567
49	18	Whiteman	S-1324(5)	15,430' Rt. PI Sta. 356+353		6.1		Bureau Reclam.	1568
50	106	(2. Lowdermilk) Contractor	F-023-1(10)	1967' Lt. 410+00		1.4		—	—
51	—	(Withrow) Contractor	S-1216(1)	1200' Lt. 500+00		None		—	—
52	44	Cox	I-025-5(1)307	1.8 mi. NE PI Sta. 1502+50		3.0		Melton	1583
53	44	Cox	I-025-5(1)307	2.0 mi. NE PI. Sta. 1502+50		4.0		Melton	1643
54	32	Whiteman	S-1426(6)	4695' Lt. 167+64.5		13.4		Gallegos OWen	169
55	43	Cox	I-025-5-(2)313	1.75 mi. No. 1318+48		2.0		Garin	164
56	43	Cox	I-025-5(1)307	5327' NE Sta. 1332+00		4.0		State	1695 1666

1963

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE~~	Soundness LET.	SURFACE OWNER	
1	100	Whiteman	I-025-1(11)31	1825' Rt. 593+35 on I(11)35		3.1	State	298-333
2	100	Whiteman	S-1118(3)	Rt & Lt. Sta. 88+00		2.4	BLM Treadwell	514-528
3	101	Whiteman	I-025-1(3)17	9,120' Westerly from 1274+90, th 4,050' So.		6.4	State Park Comm.	653-658
4	25	Whiteman	FLHP-12(7)	595' Rt 1738+00		19.9	Navajo Ind. Res	1199-1231
5	94	Cox	F-023-2(6)	9288'W, th 895'NW 744+34 on F-023-2(2)		1.0	Neff.	1714-1740
6-F	29	Buckwald	F-033-1(1)	227.47' Lt. 148+00			Zia Pueblo	1240-1243
7	37 (57-100-5)	Whiteman	A-FLHP-14(1)	12,775' Rt 310+00			Zuni Ind.	1998-2008
8	104	Cox	S-1201(6)	244' Lt. 697+23		1.9	US Forest	1943-48
9	107	Nail	F-023-1(10)	8.9mi. E. Loco Hills P.O, th 2909' Lt 266+24			Govt.	—
10	97	Cox	S-1165(17)	570' Lt. 175+00		3.3	State	2534-44
11	97	Cox	S-1165(17)	8.8 mi. NW 0+00	Water at 10'	11.1	Pacific Western Land Co.	2730-42
12	97	Cox	S-1165(17)	5.9 mi. NW 0+00		12.9	Foster	3172-90 2947-62
13	99	Cox	S-1109(3)	30' Lt. 377+00		16.2	US Forest	3295-3306
14	30	Whiteman	S-1543(1)	4575' Lt 258+00	36.4	(6.4) ~~16.2~~	Santo Clara Indians	4077-91
15	24	Cox	S-1430(4)	7.5 mi. E. th 675' N EOP Sta. 847+00		6.0	Culbertson	4606-38 4044-56
16	23	Cox	S-1430(4)	1.6 mi. E. th 2.8 mi. N. EOP 847+00	25.6 64.8	3.7	State	4018-33
17-F	35	Cox	S-1430(4)	9605' E, th 1270 So. EOP 847+00		—	State	5043-57
18	30	Whiteman	F-051-1(11)	2817' Rt. 35+26.1 on F-051-1(4)		3.7	Pojoaque Indians	5549-73
19	110	L. Doty	I-010-2(18)64	-			Govt.	—
20	104	Cox	S-1200(8)	675' Rt. 226+00		2.3	Runyan	5814-34
21	104	Cox	S-1200(7)	5457 Rt 112+22		0.3	Gov't.	7162-69
22	72	Cox	F-024-1(3)	4.85 mi. SW along US 70 from 120+00, th. 3195' SE.		7.0	Morrison	7127-57
23	113	Whiteman	I-025-1(12)35	2050' Lt 782+41.8		6.9	Govt.	10834-40
24	113	Whiteman	I-025-1(15)0	265' Rt. 700+00		1.6	Gov't	11232-45
25	111	Whiteman	I-010-2(20)71	3.42 mi. No(Lt) Sta. 276+104		2.4	State	11581-11604
26	91	Whiteman	F-021-1(7)	5413' Rt. 1584+70		1.6	Virden	14721-37
27	31	Cox	I-025-5(10)302	1.85 mi Lt. Sta. 880+15		4.8	Fogelson	15856-88
28	44	Cox	I-025-5(3)318	6940' Lt. 1855+69		6.1	Melton	17191-94 16695-58
29	29	Cox	F-033-1(5)	13520' Rt. 721+00		6.1	Jemez Ind.	17805-43
30	42	Cox	S-1500(8)	20' Rt. 154+00		0.8	Forest	18642-44

1964

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR -DATE- Wear	CONTRACTOR -LET. Soundness	SURFACE OWNER	
1	53	old Pit 55-54-S Cox	F-001-3(5)	1.36 mi Lt. 644+37 on FAP-001-3(3)	29.4	-		5
2	106	Cox	F-023-1(3)	4.7 mi. West of BOP Sta. 1836+33		6.8	Govt	10
3	106	Cox	F-023-1(3)	250' Lt. of Sta. 2118+18		6.7	Howard	
4	114	Whiteman	F-020-1(11)	5.8 mi. SW 306+89.9 Th. 3.2mi. W. Th. 0.5mi No.			State	1
5	114	Whiteman	F-020-1(11)	2130' Lt. 1557+50 on FAP-106-A		5.3	Highway	
6	87	Dist I	SP-2120(400) & 1148(400)	13.15 mi NW, th 300' Rt 579+00 on S-1145(1)		28.4	Cox	2
7	98	"	SP-2109(400)	2.9 mi. No. Pinos Altos.			T.J. Crow Corp.	3
8	98	"	SP-2109(400)	15.2 mi. No. Pinos Altos		7.5	U.S. Forest	4
9	100	Whiteman	I-025-1(14)45	1900' Rt. of Sta. 271+00		5.1	Govt.	5
10	3	Lovelace	S-1349(3)	100' Rt of Sta. 875+38		5.6	Govt	6
11	100	Whiteman	I-025-1(16)51	1100' Rt. of Sta. 346+84.1		2.4	Govt	
12	97	Cox	S-1165(15)	4320' Lt. 358+09.1		6.9	Kemp	8
13	97	Cox	S-1165(15)	1.9 mi NE 375+00 along SR 211		6.7	Pacific Western Land	
14	86	Dist I	SP-S-2109(401)	5.8 mi E. of EOP (Hill Canyon Pit) on SR 25, th 400 So.		11.6	US Forest	
15	98	"	SP-S-1112(400)	800' Rt BOP			US Forest	8
16	87	"	SP-S-2128(400	9 mi. W. Jct SR 52-59, th 0.4 mi. upstream.				3
17	18	Cox	F-051-1(15)	6480' Lt. 222+42		0.7	Reeves Martinez Diaz	
18	6	Cox	S-1539(5)	6474' NW of EOP Sta 376+00		12.1	Griego	5
19	112	Whiteman	I-010-2(21)110	3.2 mi. Lt. 436+79		2.3	State	
20	112	Whiteman	I-010-2(26)124	4137' Lt 445+73.4		3.0	State	2
21	6	Cox	S-1539(5)	1163' NW 376+00			Valdez	
22	112	Whiteman	I-010-2(26)124	300' Lt. 391+00 ('C' Line W. Bound)		4.8	State	3
23	22	Cox	S-1441(2)	12.4 mi. N. 579+39		0.4	State	53
24	8	Cox	S-1529(6)	224' Rt 254+69 on S-1529(2)		9.3	Mutz	6
? 25	F113	Whiteman	I-010-2(26)124	910' Lt. 847+09		-	State	5
26	109	Whiteman	I-010-1(13)6	300' Rt. 220+00 on (12)0		46.7	Govt	6
27	12	Cox	F-046-1(11)	1020' Lt. 232+00		1.1	State	6
28	24	Cox	F-046-1(11)	1.2 mi E, th 1.6 mi. No. of EOP 355+91.1		32.8	Woods	7
29	100	Whiteman	I-025-1(17)56	1120' Lt 510+44		8.5	Middleton	7
30	F12	Cox	F-046-1(11)	3.6 mi. East & North 355+91		-	Switchline	7
31		No Pit.				-		
32	F12	Cox	F-046-1(11)	1.2 mi. E. of EOP 355+91, th 11.2 mi. No		-	State	

1964

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE ~~LET.~~	Soundness	SURFACE OWNER	
33	f24	Cox	F-046-1 (11)	9mi. SE 355+91, th. 5mi. SW.		—	SHO & Leighton	8933-42
34	6	Whiteman	S-1539(6)	2041' Lt sta. 316+00		3.3	Garcia	9666-9708
35	12	Cox	F-046-1(11)	2823' Lt. 133+70.		2.0	Kline	9793-9805
36	f22	Cox	S-1497(2)	250' Lt 140+00		16.3	Rogers	9849-82
37	113	Whiteman Whiteman	I-025-1(19)0 & I-010-2(31)143 I-010-2(13)151	Same 2 2.2 mi. Lt. 550+00		5.0	Govt Govt	GG-13749-51 10826-37
38	44	Cox	I-025-5(16)328	—		—	—	—
39	44	Cox	I-025-5(16)328	5505' Lt. 2061+00		2.9	Williams	12610-20
40	Est. 44	Cox. Cox	I-025-5(16) 328 I-025-5(16)328	1541' Rt. 2366+00 328' Rt 2366+00		7.5	Teodoto Land Grant Archuleta	11899-11910 11873-97
41	29	Contractor	S-1319(6)	337.8' Lt. R/W Sta. 193+20.1		9.6	Hastings	18160-67
42	32	Cox	I-025-5(17)332	4.83 mi. NW 2476+00		3.2	Lucero	13882-93
43	55	Whiteman	S-1502(1)	3.9 mi. Rt. 355+73		1.7	Davis	13590-13625
44	54	Whiteman	S-1502(1)	3.5mi. W. & 0.6 mi. No. 153+66.5		8.6	State	14365-78
45	54	Whiteman	S-1502(2)	6.2 mi. Lt. 215+11.6		1.2	Weiner	14935-42
46	68	Cox	S-1276(4)	3340 Rt. 552+00		0.96	State	15301-[illegible]
47	31	Cox	S-1417(3)	300' Rt. PI Sta. 404+95		5.6	Gonzales	16265-[illegible]
48	31	Cox	S-1417(3)	990' Rt. POST 391+88.6		8.0	Long	16288-[illegible]
49	3	Bennett	FLHP-15(1)	4719' Rt. 121+00		5.1	Govt.	16501-[illegible]
50	38	Whiteman	S-1301(9)	180' Lt. PI sta. 51+91.8		1.5	US Forest	16280-[illegible]
51	39	Whiteman	I-040-2(24)85	4.7mi. NW 630+00 along old US66, th. 2mi. NE	27.6	5.2 9.0	Highway Dept.	16252-[illegible]
52	3	Bennett	FLHP-15(1)	1365' Rt. POST Sta. 848+50		1.4	B. Reclamation	17871-[illegible]
53	3	Bennett	SP-2335(201)	3.27mi. Rt. Sta. 15+00		2.9	Gov't.	17173-[illegible]
54	5	Bennett	S-1352(3)	2mi. NE Dulce (In the Navajo River)		8.4	Jicarilla Apache	17181-188
55	20	Cox	S-1433(2)1	690' Lt. 524+00		38.8	Lucero	18892-18902
56	29	Whiteman	S-1319(7)	3225' No. of EOP Sta. 409+00		28.0	Hofheins	18112-121
57	11	Cox	S-1453(1)	9453' NW. 213+00		11.5	State	19190-225 18101-111
58	11	Cox	S-1453(1)	5mi. SW BOP	(No Good)	22.9		17891-97
59	f11	Cox.	S-1453(1)	(Capulin Pit)		—	Not Explored.	
60	f20	Bennett	S-1433(2)	455' Lt. 558+00		—	State	18939-42
61	20	Bennett	S-1433(2)	5mi. SW along logging rd from 369+74		—	US Forest	18936-38
62	19	Bennett	S-1513(5)	1681' Lt. Sta. 477+00		3.0	" "	18904-26
63	43	Whiteman	I-025-5(2)313	10,253' Lt. 1332+00			Perea	18379-384
64	42	Whiteman	I-040-4(8)185	150' Rt. 222+50		1.2	Adams	13879-91

1964

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE	Sandiness ~~CONTRACTOR~~ ET.	SURFACE OWNER	
65	19	Bennett	S-1513(3)	1.6 mi. Rt. PI Sta. 352+16.7		0.4	US Fore	
66	19	Bennett	S-1513(3)	415' Rt. 50+46.7		4.8	" "	19
67	19	Bennett	F-051-1(17)	1270' Rt. 463+00		9.6	Govt BLM	20
68	53	Cox	S-1305(3)	3.43 mi. Rt. 256+00 (Hell Canyon)	20.0	1.2	Isleta Pueblo	20
69	26	Whiteman	I-IG-040-1(22)21	15,381' Lt. 830+00 on I-073-1(4)	24.0	11.7	Navajo Indian Res	20
70	111	Whiteman	I-010-2(19)81	3.2 mi. Lt. 276+00 on I-010-2(20)71	20.0	1.3 10.0	State	20
71	2	Bennett	SP-F-032-1(400) F-032-1(12)	960' Lt. 351+50 on F-032-1(3)		0.7	Ayers	20
72	92	Cox	F-071-1(6)	3860' South & East of POST 439+08		3.9	Chavez Warner	20

1965

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ - DATE -	Soundness ~~LET.~~	SURFACE OWNER	
1	92	Cox	F-021-1(8)	Rt. of Sta. 136+87		6.2	Bonnell	.318-340
2	111	Whiteman	I-010-2(19)81	5930' Lt. Sta. 679+35			Offutt	.356-376
3	16	Lovelace	S-1352(3)	555' Rt. Sta. 1588+00			Jic. Apache	814-817
4	113	Whiteman	I-010-2(30)130	2165' Rt. Sta. 700+00		4.8	State	1099-1117
5	113	Cox	I-025-1(18)3	2220' Rt. Sta. 980+00		1.0	Colquitt Co.	1489-1494
6	113	(No Pit Developed)						
7	113	Cox	I-025-1(18)3	1805' Rt Sta. 59+96.3 on S-1171(1)		1.8	Colquitt Co.	2343-2352 1421-1436
8	111	Whiteman	I-010-2(24)95	7815' Rt. Sta. 572+50		3.3	Bowlin	1867-1887
9	57	Bennett	SP-S-1245(600)	Santa Rosa - South		11.5	State	2238-2259
10	32	Whiteman	I-025-5(20)346	6.6 mi. S.E. of Sta. 61+64		7.2	Melton	3549-3584
11	32	Whiteman	I-025-5(4)355	2831' Rt. Sta. 84+00 on (9)362			Jones	3527-3548
12	86	Cox	SR 59 Maint.	2.5 mi. along SR 61 from Jct. 59		6.6	U.S. Forest	4203 (one sample)
13	86	Cox	" "	0.5 mi. West of Sta. 416+00			" "	4732-4735
14	86	Cox	" "	6115' Lt. Sta. 416+00			" "	4191-4200
15	100	Whiteman	I-025-2(1)60	870' Lt. Sta. 122+00		6.4	Dawson	4622-4649
16	32	Bennett	S-1426(8)	4695' Lt. Sta. 167+69 on S-1426(6)			Gallegos	4034-4044
17	88	Whiteman	I-025-2(13)79	397' Lt Sta. 380+00		6.5	Luchini	5053-5067
18	9	Bennett	S-1437(2)	2060' Rt. Sta. 109+00			Messick	5469-5477
19	88	Whiteman	I-025-2(13)79	735' Rt. of PI Sta. 356+382		3.8	Smallwood	5547-5557
20	88	Whiteman	I-025-2(14)88	500' Rt. of Sta. 777+00		18.9	Gov't.	5575-5597
21	20	Bennett	S-1433(4)	8.8 mi. So. along SR 38 from EOP 559+00		15.9	Romero	6283-6[illegible]
22	101	Whiteman	I-025-1(23)13	9120' W. Sta. 1274+40, thence 2439' So.			State	7283-7[illegible]
23	97	Cox	S-1165(18)	6595' Rt. PI Sta. 575+26.9 'C' Line		9.4	McCaulay	7408-7[illegible]
24	92	Cox	F-021-1(8)	Rt & Lt. Sta. 209+63.5 on F-021-1(6)		4.2	Gomez	7993-8016
25	6	Bennett	S-1539(8)	1070' Lt. PI Sta. 416+02.5		1.2	Verhage Bros.	7876-7897
26	92	Cox	F-021-1(8)	1920' Lt. Sta. 138+37		4.1	Bonnell	9374-9390 8309-8338
27	39	Whiteman	AAA-12(1)	2380' Lt. Sta. 527+00		5.3	Santa Fe R.R.	9948-9951
28	F53	Bennett	I-025-3(18)191	1725' Lt. Sta. 925+00			F.N. Huning Co.	10228-10234
29	53	Bennett	I-025-3(18)191	2733' Lt. Sta. 925+00		20.4	" "	10344-10350
30	104	Cox	S-1200(9)	3035' Rt. Sta. 274+23.5		1.04	Cleve	10249-10274 9798-9826
31	52	Whiteman	I-040-2(14)115	4.4 mi. SW. along bladed rd. from 318+00(L)117		3.59	Laguna Ind.	10160-10171
32	61	Bennett	F-017-1(3)	2880' Lt. Sta. 518+00		12.8	Gov't	10329-10343

1965

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR -DATE	Soundness LET.	SURFACE OWNER	
35	88	Bennett	I-025-2(14)87	4480' Lt. Sta. 570+55		3.0	BLM Govt	
36	88	Bennett	I-025-2(10)95	1080' Rt. Sta. 219+00		12.9	Govt BLM	
37	76	Bennett	I-025-2(11)102	1000' Rt. of Sta. 653+00		12.6	" "	
38	76	Bennett	I-025-2(16)112	1000' Lt. of Sta. 1044+00		11.7	State	
39	88	Cox	I-025-2(6)64	1008' Rt of Sta. 419+66		5.4	Baca	
40	76	Bennett	I-025-2(11)102	1200' Rt. of Sta. 428+00		10.7	Govt. BLM	
41	76	Bennett	I-025-2(11)102	14,080' Lt. of Sta. 414+29		1.7	" "	
42	76	Bennett	I-025-2(11)102	1000' Lt. of Sta. 825+00		12.3	State	
43	29	Bennett	F-033-1(6)	10,590' Rt. of Sta. 967+00		10.6	Lemaz Est.	
44	3	Bennett	S-1349(5)	815' Lt. of Sta. 961+00		1.6	State	
45	71	Cox	F-027-3(5)	4730' Lt. of Sta. 404+00		10.0	Warren	
46	33	Bennett	I-025-6(8)366	7,075' Rt. Sta. 108+00 on (10)362			Shoemaker	
47	72	Cox	F-029-2(4)	0.15mi. So, thence 4mi. E th. 3mi. So. 687+82			State	
48	60	Cox	S-1273(4)	4mi. So. thence 1.8mi. W. Sta. 0+00			Rodgers	
49	33	Bennett 9-2-66	I-025-6(8)366	4470' Lt. Sta. 94+06 on (10)362	44.8 40.0 49.2	12.3 8.4 4.2	More State	
50	60	Cox	S-1273(4)	1.2 mi. West of Sta. 141+37			Rudd	
51	72	Cox	Maint	-			State	
52	71	Cox	F-027-3(5)	7366' Lt. Sta. 350+35.6			Lin. Nat. Em.	
53	92	Cox	F-021-1(8)	2.85 mi. So. of Sta. 105+45 'G'		0.5	Berlier	
54	21	Bennett	I-025-6(9)374	1.8mi. E. on SR 120 from Jct US 85, th. 2100's		2.3	Highway	
55	42	McFall	I-040-3(38)177	Rt & Lt. Sta. 581 to 590		5.0	Schulz Gonzales	
56	42	McFall	I-040-3(39)181	1709' Lt Sta. 709+244			Eddy Co	
57	118	Cox	F-023-1(2)	1.15mi. N, 0.4mi W. of EOP 806+70.8		1.42	J.L. Cargile	
58	6	Bennett	S-1539(10)	2610' Rt. Sta. 1219+75		11.3	Martinez	
59	72	Cox	F-024-2(4)	3970' E. Sta. 944+13, th. 1571' No.		3.2	Ingram	
60	72	Cox	F-024-2(4)	12.5 mi. W. of Sta. 891+50		7.9	Miller	
61	72	Cox	F-024-2(4)	12.1 mi. W. of Sta. 891+50		2.1	Miller	
62	6	Bennett	S-1539(9)	440' Lt. of Sta. 457+20 on S-1539(8)			Merhege Bros.	
63	10	McFall	I-025-6(14)440	3740' Rt of Sta. 1388+95	26.4	22.2	Stockton Moore Kase & Thompson	
64	5	Bennett	Heron Dam	3875' Lt. Sta. 367+00		3.1		
65	100	Cox	I-025-1(25)36	462' Lt. POST 861+85		22.2	Govt BLM	
66	73	Bennett	S-1152(3)	1.8mi NE of EOP Sta. 2210+63.6		9.4	Forest	
67	32	McFall	[illegible]	[illegible]		4.5 26.8	Duran Romero	

A-Agreement Entered

1966

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE LET.	Soundness	SURFACE OWNER	
A 1	F53	Cox	I-IG-025-3(17)187	1913' West & South of Sta. 474+8.3			Sanchez	162-193
A 2	21	McFall	I-025-6(18)400	9.4 mi. Lt. Sta. 2202+07			Martin	884-900
A 3	56	Cox	F-027-2(8)	1610' No. thence 2290' West Sta. 139+25		21.7	Garcia	1087-1105
A 4	21	McFall	I-025-6(16)387	9270' Lt. Sta. 1548+63.5		9.6	Simms	1110-1113
A 5	9	McFall	I-025-6(13)430	4510' Rt Sta. 553+88 on (12)423	25.6	12.6	Kuchan. St.	1264-1284
A 6	10	McFall	I-025-6(18)430	11.2 mi. Rt. Sta. 927+00		3.0	Trujillo	1443-1448
A 7	61	Cox	F-017-1(2)	6.4 mi. North Sta. 78+49.6		4.7	Govt.	1681-1691 1473-1481
A 8	21	Bennett	I-025-6(16)387	6000' Lt. Sta. 1324+68 on (15)382	30.0	11.4	Berlier	1483-1489
A 9	21	Bennett	I-025-6(16)387	8130' Rt Sta. 895+30 on S-1429(7)		1.9	Diamond A	1490-1493
A 10	21	McFall	I-025-6(18)400	14.6 mi. West Sta. 2510+00		20.8	CS Cattle Co.	2340-2414 1647-1664
A 11	21	McFall	" "	—	Did not show	10.0	CS Cattle Co	1625-1672
A 12	21	McFall	" "	—	" "	7.9	CS Cattle Co	1673-1680
A 13	9	McFall	I-025-6(13)430	7537' Lt. Sta. 805+01.9		22.9	CS Cattle Co.	1840-1865
14	33	McFall	I-025-6(8)366	2215' Lt. Sta. 483+00		4.2	Ft. Union Cattle Co.	2911-2914
A 15	42	Bennett	I-025-4(5)242	1627' Rt. 343+98.2 N.B.		10.0	San Felipe Ind.	3324-3346
A 16	10	McFall	I-025-6(11)417	13.6 mi. Rt. Sta. 379+38		2.8	Trujillo	3407-12
A 17	42	Bennett	I-025-4(33)251	1600' Lt. Sta. 121+00 on S-1317(1)	24.0	3.0	Santo Domingo Ind.	3974-3985 3648-372
A 18	42	Bennett	I-025-5(23)260	1.9 mi Rt. Sta. 29+50	24.0 ~~30.4~~ 31.3?	11.9 4.9	Brown	4484-4519
~~19~~	~~No Pit~~		—				—	—
A 20	32	McFall	S-1426(13)	1119' Lt. POST Sta. 450+64.4		6.8	Romero	4840-4865
A 21	30	Bennett	I-025-5(24)263	1.05 mi Rt. Sta. 421+65		4.4	J.W. Eaves et al.	5126
A 22	61	Cox	F-017-1(2)	1430' Rt. Sta. 198+00		1.7	B.L.M.	5412-5[illegible] 5360-53[illegible]
23	57	McFall	I-040-5(7)272	3584' Lt. of Sta. 792+00		9.3	Rivera	7143-7192
24	57	Bennett	I-040-5(7)272	1.4 mi No. thence 0.4 mi E. Sta. 702+00	27.6 35.2	5.2	Craig & Shaw	7552-7603
25	109	Cox	I-IG-010-1(10)20	5.6 mi. So. of Sta. 171+83.2		1.6	State	7604-7608
26	109	Cox	I-IG-010-1(10)20	10.4 mi. SW of Sta. 171+83.2		1.41	State	7612-7639
A 27	79	Bennett	S-1226(5)	3220' Lt. of P.I. Sta. 141+92		38.7	Zumwalt	9239-9260
A 28	7	Bennett	F-053-1(2)	950' Rt Sta. 2252+80	23.6	7.2	Questa Concrete	11362-372
A 29	8	Bennett	S-1529(4)	390' Rt. of Sta. 493+77.6	25.2	20.9	Forest	12122-131
A 30	34	Bennett	F-044-1(1)	7,475' Lt. of POC Sta. 150+80.9	33.6	5.8	Wetmore	12595-12[illegible]
A 31	17	Lovelace	F-033-1(9)	1.4 mi West of 780+50	28.0	7.8	Velarde	12547-12[illegible]
32		Lovelace	F-033-2(8)	(No Sketch was turned in)	—	(No Bond)	Herrera	12581-12[illegible]

1966

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Year CONTRACTOR ~~DATE~~ LET.	Soundness	SURFACE OWNER	
A 33.	17	Bennett	F-052-1(8)	983' Rt. of Sta. 232+835? on F-052-1(11)	57.2.	20.4.	Morrison	13?
A 34.	17	Cox.	F-033-2(8)	1980' Rt. 35+93 on S-1329(1)	32.8.	5.1.	Littell	1355
A 35.	30	Bennett	F-051-1(21)	1335' Rt. 409+65 on F-051-1(3)	40.9 51.2.	2.7.	State and Pub.	13?
A (36)	96	Changed to Berrian Pit 13 Cox	F-026-1(7)	540' Rt. Sta. 251+00	36.8.	12.9.	Jones	1556
A 37.	96	Cox	F-026-1(7)	1 mi. West of Sta. 238+68.9, th. 1.0 mi. No. Hy 0.7.5 mi. W.	38.4.	4.6.	State.	156
A 38.	96	Cox	F-026-1(7)	300' Lt. Sta. 238+68 th. 755' No.	28.0.	6.8.	Hawthorne	15?
A 39.	7	Bennett	F-053-1(8)	130' Lt. Sta. 1585+57	18.0.	7.7.	Ryan (State)	15933
A 40.	88	Bennett	I-025-2(18)68	1.3 mi. Lt. 654+49.5 on I-025-2(18)68	20.0.	6.8.	Eaves	16056
64-37-S	113	Whiteman	(See 64-37-S)					
5555-S	113	Whiteman	I-025-1(19)0 & I-010-2(3)143	400' Lt. 712+00 on I-010-2(13)151			Singh	66-1
* A 41-F	108	Cox	F-026-1(7)	6640' NE of Sta. 120+12.2			Sumruld	1635
A 42.	17	Bennett	F-052-1(8)	3.55 mi. Lt. Sta. 54+00 on F-052-(11)	30.0 22.0.	8.3.	Forest	16322
A 43.	107	Cox	F-022-2(8)	1500' Rt. 453+00 on F-022-2(9)	30.8.	11.9.	State	17185
A 44.	107	Cox	F-022-2(8)	5.5 mi. E. along US 180, th. 2100' Et.		29.0 22.8.	Gov't.	1728
* A 45-F	107	Cox	F-022-2(8)	570' Rt. 180+00			Gov't	1715
A 46.	57	Cox	S-1454(1)	2.7 mi. E. of Sta. 668+79.3, thence 3350' No.	27.2.	15.2.	State	17712-
A 47.	33	Bennett	I-025-4(33)362	1430' Lt. Sta. 94+59.3.	46.0.	1.9	More	1767
A 48.	5	Bennett	S-1540(1)	2495' Lt. Sta. 110+50	18.8	8.3	Bairs Estate	21365
A 49.	41	Bennett	F-033-1(10)	7620' Lt. 94+51.3	24.8.	2.6.	State Thatcher	67-26 22625
A 50.	99	Cox	S-1109(5)	3.25 mi. East of EOP, Sta. 292+00	18.8	4.9	Harrington	23144
A 51.	111	Cox	I-010-2(19)81	0.5 mi. West of Deming - East	21.6	3.8	Collins	23914-4
A 52.	88	Bennett	I-025-2(19)70	1662' Lt. Sta. 856+01.8	18.4	5.6	Eaves State	24533
A 53.	113	Cox	I-010-2(32)135 I-IG-010-2(33)140	5.75 mi. Lt. Sta. 71+45.	21.2 24.0	5.3	State	25578 25479
54								
55								
56								
57								
58								
59								
60								
59-75-S Ext	33	Bennett						66-255
66-75	33	Benoct	I-025-4(33)362	4470' Lt. 54+06			More	66-176

1967

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ DATE	Soundness ~~CONTRACTOR~~ LET.	SURFACE OWNER	
1	44	Bennett	F-041-1(3)	13mi. So. along US84, from 0+00, thence 620' west.	44.0	7.1	Anton Chico Grant Assoc.	67-0081-010
2	44	Bennett	F-041-1(3)	0.8mi. So. along US84, from 0+00, thence 2.1mi. SW	22.0	8.8	Estate Lucero	67-0474-32
3	44	Bennett	F-041-1(3)	" " " , th. 2.6mi. SW	24.0	5.8	Lucero	67-0434-44
4F	44	Bennett	F-041-1(3)	" " " thence 2.5mi. SW	—	—	Lucero	67-0396-407
5	70	Cox	F-027-2(9)	2.0mi. North of Sta. 787+88, thence 0.65mi. E.	36.4	10.3	State	67-1305-22 67-0962-68
6	70	Cox	F-027-2(9)	1.7mi. West of BOP 581+03, th. 1.8mi. So.	24.4	1.6	Doughtery	67-1323-44
7	9	Bennett	F-051-2(4)	430' Rt. Sta. 513+00	31.6	15.4	CS CattleCo	67-1345-68
8	9	Bennett	F-051-2(4)	2350' Rt. Sta. 519+00	28.0	16.5	CS CattleCo.	67-1369-84
9	9	Bennett	F-051-2(4)	1100' Rt. Sta. 271+00 (Small Quantity)	34.0	26.0		67-1385-88
10	9	Bennett	F-051-2(4)	1780' SE of Jct. Euclid St & US64	29.6	21.8	Mayfield	67-1481-92
11	47	Cox	I-040-6(6)326	3865' Lt. Sta. 593+33.8	30.4	11.4	Morgan	2498-2517 67-2355-71
12	4	Bennett	J-10 (Gasbuggy)	840' Lt. Sta. 212+30	—	—	Vicarilla	67-2518-40
13	4	Bennett	J-10(Gasbuggy)	1.1 mi. SE of Loop Jct. Jct. I-10 & Laguna Seca Rd	—	—	Apache	67-2541-52
14	47	Cox	I-040-6(6).326	10 mi. NW of Sta. 735+00, thence 4.3mi N.	37.6	4.9		67-2890-2908 67-2553-58
15	47	Cox	I-040-6(6) 326 (110 St.)	(Ch will be min.) thence 0.5 mi. North 11.5mi NW on SR104 from Jct. US54.	32.8 NS	4.7 Did Not	E. part	67-2559-85
16	41	Bennett	F-033-1(11)	8720' Lt. Sta. 94+51 on F-033-1(10)	24.8	3.9	Rio Ranch Estates	67-2602-11
17	30	Bennett	S-1543(1) etc.	San Idelfonso Ind. Will Not	24.8	2.7 (No St.)		67-2964-66 67-2912-19
18	30	Bennett	S-1543(1)	1133' Rt. Sta. 414+00	29.2	2.1 4.9	Vigil Et. al	67-2974-87
19	47	Cox	I-040-6(7)332	3.25mi. E. of E.O.P. Sta. 914+15.8, th. 12.5mi. N.	32.0	7.1	Cornett Griego	67-3542-3561
20	76	Bennett	I-025-2(11)102	600' Lt. Sta. 654+00	22.0	9.0	BLM	67-4140-415
21	76	Bennett	I-025-2(11)102	645' Rt. Sta. 517+00	20.0	6.9		67-4156-4
22	47	Cox	I-040-6(7)332	3.25mi. E. of EOP STA. 914+15.8, thence 13.1mi. No.	32.0	3.3	Romero	67-4183-420 67-4385-4
23	18	Bennett	F-052-1(10)	620' Lt. of P.I. Sta. 627+95.4	28.0	3.9	U.S. Forest	67-4928-4
24	34	Cox	S-1429(12)	1755' Rt. Sta 755+17.9	27.2 Cop 26.4 Hand dril	6.3	Wooten	67-7066-8 67-627N-7
25	32	Bennett	S-1426(11)	3.0 mi. Rt. Sta. 1258+00	39.2	9.5	Salman	67-7930-54
26	32	Bennett	S-1426(11)	1172' Lt. Sta. 454+50 on S-1426(13)	38.8	3.9	Frank Cantu	67-7956-68
27	32	Bennett	S-1426(11)	4.9mi. Rt. Sta. 1258+00	45.0	2.4	Salman	67-7882-87 67-9252-74
28	32	Bennett	S-1428(5) (Bridges) S-1426(11)	4.9 mi. Rt. Sta. 1258+00	36.7	3.6	Salman	67-7888-95 67-9280-9303
29	39	Cox	I-040-2(21)71	Sec. 36 12N 11W	42.0	23.2		67-9275-78
30	39	Cox	I-040-2(21)71	3.0mi. 15,835' Rt. Sta. 1645+00 on I-040-2(6)75	31.4	2.2		67- 67-9494-9516
11A		Bennett	F-033-1(11)		24.8	2.6		67-2619-52
1	SEV	Cox	F-020-3(2)	(67-0282-91, 0416-23) 1.4mi N. thence 0.4mi E Sta 702+00	27.6	5.2		67-0808-20 67-0416-23

1968

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE~~	Soundness ~~CONTRACTOR~~ ~~LET.~~	SURFACE OWNER	
1.	18	Cox	S-1518(9)	460' Lt. Sta. 8+00	24.4	3.1		68-2253-58 68-0047-57
2.	10	Bennett	I-IG-025-6(13)430	13.9mi. Rt Sta. 379+385 on I-025-6(12)423	26.8	40		68-1994-2008
3.	19	Bennett	F-053-1(9)	4615' Rt. Sta. 120+00	28.8 (4)	3.3		68-1504-13 68-1637-39
4.	19	Bennett	F-051-1(29) S-1426(14)	1.2mi. N. on US 64 from EOP Sta. 961+00 thence 2385' Westerly	56.2 57.2 No	Good.	Bagby	68-1649-84
5.	19	Cox	S-1426(14)	3.45mi. NW along SR 240 from EOP Sta. 392+74 thence Rt.	30.0 25.6	10.1	Vigil	2336-40 68-2271 2483-74
6.	19	Cox	S-1426(14)	3.45mi. NW along SR 240 from EOP Sta. 392+74 thence Lt.	28.0 45.6	34.0	Vigil	68-2273-74
7.	92	Cox	F-021-1(15)	1150 Lt. Sta. 243+00 on F-021-1(6)	30.0 Not Developed	9.1		68-2933-62
8.	92	Cox	F-021-1(15)	5189' Rt. Sta. 333+00 on F-021-1(11)	33.2 26.4	7.2 Corona		68-3010-20 68-2948-59
9	61	Bennett	S-1153(4)	2290' Lt. Sta. 1473+00	24.4	1.7	Forest	3213-17 3878-86 68-3110-17
10	65	Cox	I-025-3(20)146	3.8mi. N. of EOP Sta. 87+00	22.4	8.6	BLM	68-4347-51 68-5983-91
11.	65	Cox	I-025-3(20)146	1.85 mi. N. of Sta. 87+00 th. 990'W	18.8	1.8	BLM	68-5799-5817
12	61	McFall	F-017-1(5)	2045' Rt. of Sta. 954+00	12.0	29.6	BLM	68-6356-66
13	30	Cox	I-025-5(33) 276	3.9mi. NW. of Sta. 690+00 on I-025-5(33)276	(44.8) 34.4	9.7 11.9	Maurice W. Paul	6367-6916
14	42	Cox	I-025-5(34) 280	8.2mi. SW of P.I. Sta. 513+50 on I-025-5(32)272	25.6	12.6 ~~16.1~~	Eaves	68-7107-11
15	31	Cox	I-025-5(35)284	6767' Lt. Sta. 307+00 on I-025-5(9)290	18.4	5.9	U.S. Forest	7826-31 7464-66
16	111	Cox	S-1118-5	165' Lt. Sta. 35+00 Unit I-Sec. II	—	—	Govt	——
17.	100	Cox	S-1118-5	4320' Rt. of Sta. 71+00 Unit I Sec. X	19.2 14.0	3.0 4.0	Govt	69-754 68-761 68-1174-1214
18	100	Cox	S-1118-5	315' Rt. Sta. 24+00 Unit II	—	—	Govt.	——
19	94	Cox	F-021-2(8)	1.1mi. Rt. of 150+00 on WPH-128	39.2 34.0	35.6		68-9004-50
20	93	Cox	F-021-2(8)	(Old Pit No. 53-30-5) 2.3 mi. West on Brasher rd. from So. Main (In Basin)	20.8 21.6	5.2	Highway Dept.	68-9055-68
21	50	McFall	S-1300(10)	415' Lt. Sta. 1181+00 on S-1300(11)	24.0	17.7	68-10016-18 Woodard	68-9219-24 68-8486-87
22	53	Hein	S-1305(5)	Exploration) S 26, N 27 T6N R3E	21.2	3.6	Campbell	68-13796-819
23	61	McFall	S-1153(6)	315' Lt Sta. 431+28	28.4	32.3	Williams	68-16057-77
24	61	McFall	S-1153(7)	1700' Lt Sta. 429+39.2	23.2 33.2	22.9	Forest	68-16960-17000
25	61	McFall	S-1153(5)	2060' Lt. PI Sta. 898+09.8	15.4	3.5 1.8	Chavez	68-17522-24
26	113	Mc Fall	I-025-1(29)9	old 51-14	21.2 18.8	2.9	- -	68-18618-29
27								
	71	McFall	F-003-2(3)	(For Appn. Design) (Grants - Urban)	27.6	5.2		68-9787-95 68-5212-13
	111	McFall	S-1300(10)	8.4 mi. So. of BOP Sta. 788+00 th. 3442' Lt.				68-10001-09
	41	5-3-68 Nelson	S-1326(11)	4.5 mi. NW of Dulce				

1969

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE ~~ET~~.	Soundness	SURFACE OWNER	
1-S	113	McFall	I-025-1(29)9	1160' Rt. of Sta. 54+97 on S-1171(1)	19.6	3.3	Colquitt	69-146-162
2	99	Cox	S-1109(6)	5mi. E. of Santa Rita - East	22.4	7.9	Wigwam Ranch	69-699 69-730
3	98	Cox	F-012-1(2)	8.75mi. NW of Sta. 460+56 on S-1107, thence 1.25 mi. NW	28.8	9.3	State	69-1000-1029
4	98	Cox	U-012-1(1)	6.22mi. SE Sta. 20+00, Thence 396' NE (6 19S 13W)	25.0 20.8	5.6		69-1215-22
5	96	Cox	F-026-1(8)	10.4mi. No. of BOP thence 1960'E (N½ NW4 Sec 33, T. 13S., R. 36E.)	60.0 Soft 27.0 Hard 36.0 Cop	6.0	Gray	69-1356-86
6	41	Cox	F-033-1(11)	1660' So. of Sec. Cor. 33-34 T12N R3E	25.6	4.6	Rio Rancho Estates	69-1827-41
7	41	Cox	F-033-1(11)	9.7mi. E along SR 44 from BOP (Old PH 56-78-S thence 550'N)	32.6	3.9	Montoya	69-2012-2041
	39 Fig	Cox	S-1336(11)	Crown Point - North				69-2696-2700
	14	Cox	S-1336(11)	" " "				69-2701-2704
	14	Cox	S-1336(11)	" " "				69-3812-3815
	26	Cox	I-040-9(38)0	Ariz. Line - East (Side Service Rd)				69-3836-3842
8	18	Cox	SP-2541(900)	1160 Lt. Sta. 128+00 on Unit I	27.2	3.8	BLM	69-4144-57
9	18	Cox	SP-2541(900)	14,898' Lt. Sta. 1+84 (Unit 5)	48.4		Vigil	69-4357-67
10	18	Cox	SP-2541(900)	14,461' Lt. Sta. 1+84 (Unit 5)	40.4		Santa Fe Nat. For	69-4368-78
11	18	Cox	SP-2541(900)	Rt & Lt. Sta. 104+00 (Unit 5)	34.8		" "	69-4379-96
12	13	Cox	FLHP-12(10)	6384' Rt. Sta. 374+51±	49.6	21.6	Navajo Ind. Res.	69-6074-98
13	25	Cox	FLHP-12(9)	840' Rt. 216+33 on (10)	57.2	Waived	" "	69-6425-48
14	57	Cox	S-1454(4)	8990' Rt. 124+00 (% Geo. Hilliard) I-40 Interchange - So. to Pastura		12.5	Southwest Grazing Inc	69-9543-65
15	54	Cox	I-040-4(15)197 Mariarty(2)	(No Sketch) Sec. 10 & 15 T7N R8E		4.9	Mike Anaya	69-9566-98
16	32	Cox	I-025-5(6)337	2970' Lt. Base Line Sta 2802+00	33.0	26.8	Bibbs	69-6817-38
17	24	Cox	F-046-1(13)	600' Rt. 696+00	34.8	6.3	Mays	69-15404-07 69-13647-55
18	24	Cox	F-046-1(13)	6140' R. 877+59.68	31.0 43.6		Mays	69-14378-404
19	24	Cox	F-046-1(14)	1160' R. 486+00	23.0	6.4	Mays	69-15408-13 69-14429-34
20F	61	Cox	S-1153(5)	16' Rt. Sta. 1125+00 (Side Hill Cut)				69-14593
21F	61	Cox	S-1153(5)	3535' Lt. Sta. 840+00			US Forest	69-15222-28
22	42	Contractor	I-040-4(15)197	1755' Rt. 263+00 on I-040-4(8)185	25.6	1.7	Bassett (Typ. Grading)	
23	23	Cox	S-1441(4)	13 270' Lt. of Sta. 418+10	16.0	2.0	Sadler	69-15986-997
24	23	Cox	S-1441(4)	450' Rt. Sta. 416+00	22.4	7.9	State	69-16064-78
25	23	Cox	S-1441(4)	1.5mi. No. 519+55 on (2)			Fleming	69-16078-82
	56		S-1414	Pastura (1 - (Old Sta. 11+)				69-16691-16711

1970

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~ ~~DATE LET.~~	Soundness	SURFACE OWNER	
70-1-S	108	Cox	F-022-2(10)	3.74 mi. No. of Sta. 224+54.59	47.2 34.0	33.6	Lowe & Co	70-513-
70-2-S	5	Whitaman	S-1352(6)	El Vado Peninsula	24.8	3.5 4.6	MRGCD	70-816-S
70-3-S	108	Cox	F-022-2(10) Out	655' Rt. 433+71 on S-237(3)	31.0	21.9		70-880
70-4	108	Cox	F-022-2(10) Good	8.92 mi NW of Sta 120+18	56.0? 25.6	12.0	Tomlinson	70-115
70-5-F	108	Cox	F-022-2(10)	665' Rt. P/W 433+71 on S-237(3)	—	—		70-1179
70-6-F	21	Cox	S-1429(14)	2.2 mi. NW of Sta. 119+80	—	—	Berlier	70-1577
65-54-S	21	Cox	S-1429(14)					70-1561
70-7-F	73	McFall	S-1153(3)	1038' SW of Sta. 1253+73	—	—	Apache Nat. For.	70-1740
70-8-F	Berrow	McFall	S-1316(4)	Channel Change	—	—		—
70-9-S	32	Cox	I-025-5(6)337	5475' Lt. P.I. Sta. 2821+02	29.0 35.0	8.1	Bibbs	70-2547
70-10-S	21	Cox	S-1429(15)	630' Rt. Sta. 609+40.8	25.0	2.9	Wooten	70-2656 70-2581
66-43-S	Ext 107	Cox	F-022-2(9)	1500' Rt. Sta. 543+00			State	70-436
70-11	5	Cox	S-1523(3)	(Will not stockpile) Out	No St. 21.6	1.8	Jack Blanton	70-5
70-12	5	Cox	S-1523 (2)	50' Lt. Sta. 95+00	20.0	1.8	Donald Beach	70-5
65-60-S	Ext 72	Cox	RF-027-3(8)	4.9 mi. So. Sta. 720+34 on F-027-3(6)			Jim Miller	70-660
70-13	4	Bennett	S-1352(6)	17,785' Lt. of P.T. Sta. 344+12 on S-1326(11)	26.0		Jicorillo Apache	70-687
70-14	5	Cox	S-1523 (2)	1315 Lt. R/W Sta. 164+88 on F-052-1(3)	21.6	0.5	Daniel River	
70-15	5	Cox	S-1523 (2)	2.95 mi Lt. Sta. 302+36.8	24.0		A.J. Thompson	70-990
58-87-S	Ext 62	Cox	S-1153(7)	3442' Rt. Sta. 343+95 on S-1300(8)	23.4	5.1	Govt. & Hall	
70-16	39	McFall	S-1301(11)	1.9 mi. West & South of Sta. 529+38	27.5	11.4	BLM.	70-118
68-20-S	Ext 93	Cox	F-023-2(10)	2.3 mi W. on Brasher Rd. from South Main St.	20.8	5.2	N.M. Highway	70-1.9
70-17	81	Cox	F-023-2(10)	1440' Lt. R/W Maricer 360+00 on FAP 180 C	21.6	2.0	State	70-123
65-4-S	Ext 113	McFall	I-010-2(32)132	4.4 mi. Lt. Sta. 958+09.6	22.8	6.4	State	70-14
70-18-S	30	McFall	I-025-5(24)263	3360' Lt. Sta. 218+00	35.6 43.2	4.8	C Da Boca	70-1548 70-1648
70-19-S	48	Cox	I-040-6(8)335	12.7 mi. N. Sta. 616+52.32	32.0	2.7	Terry	70-171 172
70-20-S	60	Cox	Info. Only.	3mi N., Thence 3.5mi. E. Thence 0.7mi. S. of Pleasant Hill In Texas N part T.7 S½ & NE4 Block B	22.0	2.7	Triplett	70-1740
60-13-S	Ext 18	Cox	F-052-1(13)	2132' Lt. Sta. 213+87 on F-052-1(5)	43.3	9.0	Presbyterian	70-2011

END 1970

1971

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear / ~~CONTRACTOR~~	Soundness / ~~DATE LET~~	SURFACE OWNER	LAB No.
71-1	107	Cox	F-022-2(9)	6620' Lt. Sta. 2447+15 on old Proj	25.5%	Cap. 6.0% Soft Cal. 19.5	State	71-568 - 586
71-2	88	Cox	I-025-2(28)82	3396' Rt. of Sta. 229+00	31.9	28.0 10.0	Govt.	71-892 - 905 71-986 - 996
71-3	88	Cox	I-025-2(28)82	2.55 mi. Rt. of Sta. 243+00 Void	19.8 20.6	10.0	Govt.	71-1101 - 1129
11-4	48	Cox	I-040-6(19)366	12.9 mi. N. of P.I. 606+62.96 on I-040-6(12)370 (Ext of old Pit No. 59-112-S)	27.0 38.0	6.3	Terry	71-2508 - 2546 71-2657 - 2671
71-5	108	Cox	S-1219(12)	265' Rt. of Sta. 432+78	30.6	Cap. 9.9% Caliche 26.8%	Kornegay	71-2605 - 2625
71-6	47	Cox	I-040-6(19)331	14.2 mi. N.W. of Sta. 735+00	26.0 28.4	8.1 8.3	Chappell	71-2827 - 2841 71-3501 - 8524
71-7	106	McFall	S-1216(2)	1700' Rt. Sta. 605+00 on S-1216( ) Sound ... Out	25.4	21.1	State	71-2980-2992
71-8	57	Cox	Dist. 4 Maint.	2.5 mi. W. of Sta. 487+00 (old proj)	26.0	6.1	Mongingo & State	71-3766-3802
71-9	8	McFall	F-051-2(3)	760' Rt. Sta. 254+60 (Ext. of G4-24-S) on S-1529(2)	14.6	9.6	Mutz	71-4705-4718
71-10	41	Cox	F-033-1(12)	4060' Rt. Sta. 1031+00	23.6	7.7	Zia Pueblo	71-4870-4905
71-11	38	McFall	I-IG-040-1(22)21	7.95 mi. SW. of Thoreau Intch Hold For Future Use	19.8	2.6	Turpan	71-4911-4924
1251	17	Cox	F-052-1(13)	3.55 mi. Lt. Sta. 54+00	24.4 Ext. 22.0	7.4 Ext 8.3	U.N.M.	71-4998-5002
11-12-S	118	Cox	SP-2-71(601)	1070' Rt. Sta. 300+00	20.8	4.2	B.L.M.	71-5409-5419
71-13-F	118	Cox	SP-2-71(601)	SE¼ Sec. 6, T. 22S., R. 27 E. No Sketch	—	—		71-5420-5428
69-S	26	Mc Fall	I-040-1(45)21 +2 mi	3.7 mi. NE of Ponca Crossing Old Pit No. 60-65-S	24.0 orig. 19.0	11.7 orig. 6.8	B.L.M.	71-5686-5698
71-14-S	106	Cox	S-1216(2)	4 mi. So. Sta. 113+00 on S-1216(1) thence 3.55 mi. W	28.2	3.4	Floyd Sharell	71-6609-6631
11-15-S	48	Cox	I-040-6(18)359	7765' No of R/W Mkr 74+50 on S-1412(2)	31.0 28.3	8.4	Bain, etal	71-7715 + 7738 71-7964 + 7983 71-8679 + 8702 71-8848 - 8861
11-16-S	37	McFall	S-1300(15)	1860' Rt. Sta. 1819+48 on S-1300(4)	26.6	9.0	Zuni Pueblo	71-9527-9529
1-30-S	39	Cox	I-040-2(17)79	3.3 mi. Rt. Sta. 1729+16.2 on I-040-2(6)74	31.4	2.2	Schnaeman	67-9496-9514 67-10062-10064 69-7523-7524
71-17-S	60	Cox	I-040-6(17)356	3.6 mi. SE. of Mile Post # 17 on FAS 1412(2)	26.6 38.8	4.0 20.2	Frost Estate	71-9758-9776
71-18-S	47	McFall	S-1420(4)	Test ... (Gravel) No Sketch Exploration	29.1	3.6		71-10039-10045
71-19-S	37	McFall	S-1300(15)	1400' Lt. Mile Post 1746 on S.R. 53	39.1	6.7	Zuni Pueblo	71-10468-10475
71-20-S	20	McFall	NMFP-3-C2	1350' Lt. Sta. 22+15 on NMFHP-3-B2, C3 (Also Borrow Pit 'A')	44.0		Forest	71-11414-11419
71-21-S	1	Cox	F-032-1(13)	3945' Lt. Sta. 257+16	23.3	2.5	Navajo	71-11828-11869
71-22-S	32	Cox	S-1418(1)	150' Lt. of P.I. 85+80.54	35.2		C.H. Ingwer	71-14780-14785 72-
71-23-S	88	Cox	I-025-2(28)82	3.95 Rt. of Sta. 243+00	17.0	4.8	State	71-14863-14888
1-S	100	McFall	I-025-1(35)29	1875 Rt of Sta. 593+35.25	17.6	3.1	State (Minerals)	63-298-331
31-S	52	Cox	I 040-2(32) 108	4.8 mi. SW of Sta. 218+00 on I 040-2(8)117 Can Not Obtain Agreement	27.2	3.6	Laguna	65-10160-10
11-S	39	Cox	I 040-2(32) 108	3.6 mi. N. of Sta. 140+80 on I-040-2(13)94	27.8	10.3	State	59-14778- 71-15642-15

End 1971

1972

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear ~~CONTRACTOR~~	Soundness ~~DATE LET.~~	SURFACE OWNER	
72-1-S	77	McFall	I-025-2(33)121	890' Rt of RW Sta. 11+24.1 on U.S. 380	23.8%	7.3 %	B.L.M.	72-73-8
72-2-S	77	Cox	I-025-2(33)121	2025' Rt. of R/W Sta. 219+00	20.0	2.2	P.T. Cattle Co	72-1089-11
66-24-S	57	McFall	F-003 5(6)	1.4 mi. N. Itarose 0.4 mi. E. 720+00 on I-025-5(6)	35.2	5.2	Craig	Sec Stat-1
72-3-S	32	Cox	S-1426(16)	865' Rt. of Sta. 623+00 Not Submitted Sound. Out	36.0	No Good	Peña	72-2037-2
72-4-S	32	Cox	S-1426(15)	2.6 mi. Lt. of Sta. 167+51 on S-1426(6)	36.9	8.0	Lager McGrath	72-2339-
72-5-S		McFall	S-1500(11)	Will Not Use (Not Reported) Later	18.3		Lloyd	72-2850-
72-6-S	42	McFall	S-1500(11)	1900' NE. of E.O.P. 154+ on S-1500(8)	17.6	0.9	Forest	72-3775-3
72-7-S	108	McFall	F-022-2(12)	2091' Lt. of Sta. 324+24.97 old Pit No. 60-68-S	Cap 31.4 Hard C. 39.0	Cap 4.3 Hard C. 11.1	State	72-5063-51
72-8-S	53	Cox	S-1335(4) & S-1305(6)	1800' R. R/W Sta. 189+13.8 on S-1343(1)	24.0			72-6164-
72-9-S	2	McFall	F-032-1(15)	480' Rt. of Sta. 118+00	21.0	2.0	Tanner	72-9132-
72-10-S	2	McFall	U-032-1(14)	3020' Lt. Sta. 386+00 on F-032-1(15)	17.6	5.0	State	72-9148
72-11-S	34	Cox	S-1429(15)	2250' Rt. of R/W 756+67.2 on S-1429(12)	26.0		Vigil	72-9604
72-12-S	2	Cox	U-032-1(14)	828' Lt. of P.O.S.T. 468+18	25.3	1.6	Mistretta	72-10953 72-11476
72-13-S	2	Cox	F-032-1(17)	1.6 mi. NW of R/W Sta. 645+53.6	19.1 24.0	12.2, 8.1	Public Service Co	72-11205-
64-5-S	114	McFall	F-020-1(12)	2130' Lt. Sta. 1557+50 on FAP-106A		5.3	Highway Dept.	
63-4-S	125	Cox	FLH-12(11)	700' Rt. of R/W Sta. 77+00 on FLH-12(9) & (10)			Navajos	
72-14-S	98	Cox	S-1110(2)	2440' W. of R/W Sta. 132+65.3 on F-013-1(1)	19.2	9.8	Kennecott	72-1489
72-15-S	111	McFall	S-1118(4)	11835' Lt. of R/W Sta. 772+39 on old proj.	39.6	5.8	B.L.M.	72-15681
68-12-S	61	McFall	F-017-1(6)	2045' Rt. Sta. 954+20 on F-017-1(5)	12.0	29.6	B.L.M.	68-6357 72-15682
72-16-S	108	Cox	F-022-2(11)	5085' Lt. of Sta. 50+00	Cap. 31.7 Hard Cal 23.4	Cap. 7.2 14.8	State	72-16330
72-17-F	61	McFall	F-017-1(6)	16.2 E. of E.O.P. 936+64.67 thence 100' Rt. May Not Need	Not Reported		Garcia	
72-18-S	56	Cox	F-027-2(13)	765' Lt. of 114+00 on F-FG-027-2(8) May Not Use	30.6		Cormany	72-16125
72-19-S	56	Cox	F-027-2(11) & F-027-2(13)	1610' N., thence 2920' W. Sta. 139+25 on F-027-2(8)	24.5	8.7	Vicinte	72-17109-
			END 1972					

1973

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	~~CONTRACTOR~~ DATE LET. Wear	~~CONTRACTOR~~ Soundness	SURFACE OWNER	Lab No.
73-1-S	53	Cox	S-1305(6)	2105' E. of R/W Sta. 189+133 on S-1343(1)	23.9%	1.9 %	Otero Interprises	73-19, -27
73-2-S	120	Cox	S-1219(13)	1695' Lt. of Sta. 838+26 Sound. Out	22.3 47.0	Sound Out	Stephens	73-164-189
73-3-S	30	Cox	I-025-5(32)272	12,310' Lt. of R/W Sta. 1544+00 (old proj)	32.0 29.0	9.7	Santa Fe Airport	73-474-487 704-749 767-806
73-4-S	11	McFall	F-046-1(16)	3660' Rt. of P.T. Sta. 148+22.66	22.4	4.8	Smith	73-1096-1103
73-5-S	11	McFall	F-046-1(16)	1130' Rt. Sta. 257+00	24.7		Doherty Invest Co	73-1104-1119
73-6-F	11	McFall	F-046-1(16)	6 mi. E. thence 1 mi. S. of 255+00			Pryor	73-1120-1138
73-[illegible]	1	Mc Fall	S-1420(4) & I-040-6(11)331	14.4 mi. NW of Sta. 734+90	32.3	11.8	Chappell	73-1527-1537
73-7-S	48	McFall	SP-4-73(603)	1.0 mi. W. of Logan. Thence 1900' So.	29.0	7.7	Romero	73-1811-1823
73-8-S	77	Cox.	BRF-019-1(5)	Extension of 72+15 .85 mi. W. Thence .25 mi. N. of B.O.P. 0+00			B.L.M.	73-1844-1846
73-[illegible]	21	Cox	& SP-4-73(602)	4560' So. Sta. 900+01.2 on S-1429(7)			Diamond A Cattle Co.	—
73-[illegible]S	56	Cox	SP-4-73(601)	3.75 mi. So. of Sta. 252+00 on I-040-5(224)				—
73-[illegible]F	21	Cox	SP-4-73(602)	2.2 mi. N. Sta. 119+80 on S-1429(14)				—
73-[illegible]	30	Cox	I-025-5(33)276	13,643' Lt. of R/W 1544+00 (Old US 85 proj.)			Santa Fe Airport	73-1950-1993 2010-2028
73-9-S	77	McFall	I-025-2(41)130	2050' Rt. of Sta. 744+00	22.9 24.8	8.9 11.5	Govt.	73-2096-2125
73-10-S	120	Cox	S-1219(13)	1.2 mi. N. of Sta. 127+65 on S-1218(2)	Cap 29.2 Hard 28.8	7.0	Wallach	73-3119-3139
73-[illegible]S	10	Cox	SP-4-73(604)	2.45 mi. S. Sta. 398+34.1 on F-046-1(6)	34.8	5.0	State	—
73-11-S	102	McFall	F-018-1(9)	1.9 mi. Lt. of Sta. 317+00	26.6	3.4	B.L.M.	73-4001-4023
73-12-S	47	Cox	I-040-6(7)333	10.1 mi. N. Sta. 88+30 on S-1420(4)	35.4		Chappell	73-4372-4394
73-13-S	48	Cox	SP-4-73(603)	1.15 mi. E, thence 0.85 mi. S. of Stockpile	30.2	11.5	Bain	73-4450-4455
73-14-S	47	Cox	I-040-6(7)333	5.9 mi. N. of Sta. 750+40 on F-024-3(3)	27.1		Sims & I.S. Comm	73-4665-4688 73-4876-4897
73-[illegible]	Lt. 1 26 Rt. B.	Cox	F-031-1(19)	1220' Rt. of old P.I. 118+58.4 on F-031-1(	19.8	3.0	Navajos	73-5229-5238
73-[illegible]S	Mc Fall	Future Projects		15,381' Lt. of 830+00 on I-040-1(10)33			Navajos	73-6178-6205
73-15-S	24	Cox	S-1441(5)	1345' Rt. of Sta. 82+12	25.6 (Cap)	8.6 (Cap)	Leighton	73-6701-6720
73-16-S	42	McFall	S-1500(11)	℄ From Sta. 116+00 to Sta. 120+60	20.0	2.1	Forest	73-6744-6749
73-17-S	88	Nelson	I-025-2(36)99	915' Rt. of R/W Sta. 220+50	23.9	11.0	B.L.M. & State	73-7124-7138
73-18-S	18	Nelson	S-1518(10)	4.8 mi. N. thence 1085' Rt. of E.O.P.	37.0	9.5	B.L.M.	73-11181-11199
73-19-S	19	McFall	F-053-1(10)	4979' Lt. of Sta. 261+84.23 thence 1370' W.	28.9	20.0	Lineberry	11705 73-11683-[illegible]
73-[illegible]	18 Lt.	McFall	F-052-1(13)	2005' Lt. of R/W Sta. 312+87 on F-052-1(			Presbyterian	73-11645-11650
				End 1973				

1974

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	~~CONTRACTOR~~ Wear ~~DATE LET.~~ Soundness		SURFACE OWNER	
74-1-S	2	Cox	F-032-1(17)	2430' Lt. Sta. 288+00 (W.B.L)	21.9		Hunt	74-416—439
	25	Cox	FLH-12(12)	2200 Rt. Sta. 77+11.6 on FLH-12(9)			Navajos	
74-2-S	2	Cox	F-032-1(17)	5111' Lt. Sta. 352+10.3	20.6	9.7	Western Mining & B.L.M.	74-1424-1443
74-3-S	103	Cox	F-020-1(13)	3225' Rt of Sta. 405+39.68	19.2	6.3	Najera	74-1462-1478
	2	Nelson	F-032-1(15)	3020' Lt Sta. 386+00	17.6	2.9	State	74-2120-2150
74-4-S	29	Cox	S-1319(15)	11.6 mi. NE. of Slide Area on S.R. 4	21.4	5.6	US Govt.	74-2450
74-5-S	47	Cox	I-040-6(14)341	12.7 mi. N. of Sta. 132+61 on I-040-6(13)337	31.0 30.5	4.7 2.4	Worley	74-4030-4068 4224-4246
74-6-S	47	Cox	I-IG-040-6(13)337	13.3 mi. N. of Sta. 132+61	30.8	2.4	Worley	74-5420-5465
74-7-S	71	Cox	F-027-2(14)	860' Lt. of Sta. 195+00	26.1 Cap 450 Hard		Dickenson	74-5928-5947
74-8-S	71	Cox	F-027-3(10)	2.4 mi. N. of Sta. 452+00	Cap 28.2 Hard 47.6	Cap 3.6 Hard 28.6	Draper	74-6699-6722
74-9-S	29	Cox	F-033-1(13)	3.5 mi. NE of Sta. 152+00	26.2 32.6	2.4 8.0	Jemez Pueblo	74-7905-7924
74-10-S	32	Luack	I-025-5(18)342	11,464' Lt. of E.O.P. 3089+97.21	28.2 34.9	5.7 6.6	Apodaca	74-7941-7955
74-11-S	71	Cox	F-027-2(14)	2.0 mi. N. of Sta. 186+00	Cap 24.7 Soft Cal. 43.6	1.1 6.8	Dickenson	(Filled) 74-9844-45 74-9813-9843
74-12-S	13	Cox	FLH-12(15)	300' Rt. of Sta. 150+00	46.0 59.1 44.5	20.4	Navajos	74-10621-10628 74-10796-10806
74-13-S	18	Cox	F-052-1(12)	3.2 mi. N. of E.O.P. 67+43.38			San Juan Pueblo	
74-13-S	120	Cox	S-1218(3)	910' Rt. of Sta. 98+00	41.2 36.7	24.0 20.6	State	74-13116-13146
74-14-S	32	Lovelace	SP-S-1426(200)	90' Lt. Sta. 0+70 on S-1418(2)	77.2 24.9 28.8 20.9	—	Bibb	74-13259-13262
74-15-S	19	Perry	Dist. # 5 Maint.	200' ± Rt. of Sta. 1347+00 on S-1539(201) No Sketch	23.2		State	74-13433-13450
			END 1974 PITS					

1975

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. Wear.	Sound. Loss	CONTRACTOR DATE LET.	SURFACE OWNER	
55-70-S	18	Parry	F-052-1(12)	3000' Rt. Sta. 650+00 on F-051-1(3					
75-1-S	32	Cox	I-IG-025-5(18)342	6045' N.W. Sta. 2820 on I-025-5(6)337	40.0 45.8 43.4			Bibb	75-207—2
75-2-S	43	Parry	SP-4-75(703)	12.0 mi.± So. of Rowe Old 58-54-S	22.3 18.9 19.6	19.1 8.8 2.1		King Bros.	75-57—6 75-75—8 75-451—4
75-3-S	103	Cox	F-020-1(13)	3.55 mi. E. Sta. 1117+40 on F-020-1(9)	20.2	7.6		B.L.M.	75-1042—1 75- 75-1752—1
65-10-S Ext	32	Cox	I-025-5(18)342	3.0 mi. E. thence 2275' S. Sta. 2936+95.92				Melton	75-1878—1 75-11220—11
75-4-S	88	Armstrong	I-025-2(35)89	4220' Rt. of Sta. 299+00	22.7	4.0		B.L.M.	75-2891 75-
75-5-S	42	Cox	RS-1504(7)	8.0 mi. E. & S. of Sta. 386+09.12	24.7	0.7		Hill	75-3021 75-3159
75-6-S	13	Parry	FLH-12(16)	2300' Rt. of Sta. 299+90.48 Old 65-38-S	50.2 48.6 23.4	5.5		Navajos	75-3921—39 75-8775—8
75-7-S	76	Armstrong	I-025-2(37)112	590' Lt. of Sta. 1041+29.22	24.6	7.8		State	75-8930—8 75-8975
75-8-S	31	Armstrong	SP-4-75(703)	1.8 mi. W thence 0.33 mi. S. of Pecos	30.6	9.7 13.2		Varela	75-8984—9 75-9546—
75-9-S	2	Armstrong	F-032-1(17)	1115' Lt. of Sta. 285+00	25.2 21.0	1.1		Des Marias	75-11362—1 75-11413—
75-10-S	29	Armstrong	F-033-1(14)	3796' Rt. of R/W Sta. 97+40.3 on	36.2 41.8	11.7		Jemez Pueblo	75-12275—1
75-11-S	29	Armstrong	F-033-1(14)	4.2 mi. NE thence 2935' E. Sta 144+55 on F-033-1(17)	25.8	4.8		Jemez Pueblo	75-12390-
75-12-S	19	Armstrong	RF-053-1(10)	7425' Rt. of Sta. 263+83.97	27.8	26.9 2.2		Taralton	75-12453—1

END OF 1975 PITS

1976

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. Wear CONTRACTOR DATE LET.	Sound. Loss	SURFACE OWNER	
76-1-S		Perry	SW¼ 31, T.6N., R.8E	Dist. 5 Maint. No Sketch	21.4			
76-2-S	13	Armstrong	FLH-12(17)	11,870' Lt. of Sta. 646+00	48.2 47.1 49.0 53.6	35.1	Navajos	76-6059 - 6086
76-3-S	90	Armstrong	BRF-020-2(6)	1.66 mi. N., thence 685' W. of N. Bridge	23.0	2.4	State	76-2413 - 2419
76-4-S	34	Armstrong	F-044-1(3)	1.10 mi. SW of Sta. 150+84 on F-044-1(1)	11.c 28.6 c.c. 21.4	1.8	Wendland	76-2479 - 2492
76-5-S	22	Perry	F-044-1(3)	1.3 mi. W. of Sta 262+10 on F-044-1(1)	22.9	3.8	Scott	76-3107 - 3119
76-6-S	121	Armstrong	SP-1-76(605) DFA-1-76(612)	10.1 mi. N. of Rodeo, thence 1.75 mi. East	19.2 19.6	3.9	B.L.M.	76-3270 - 3280
76-7-S	22	Nye	F-044-1(2)	3405' Lt. Sta. 531+00 on F-044-1(3)	29.4 25.1	4.1 3.4	Dennis	76-3564 - 3579
76-8-S		Nye	1-025-5(23)260				Santo Domingo	76-3966 - 3990
76-9-S	42	Nye	1-025-4(45)255	24,900' Lt. of R/W Sta. 749+79.4	26.1	3.2 3.0 %	Santo Domingo	76-3935 - 3955 4781 - 4804
	42 & 13	Nye	FLH-12(17)	1400' Rt. of S10 299 20 on FLH 12(16) 1430' Lt. of Sta 646+00			Navajos	76-6059 - 6096
76-10-S	106	Nye	RS-1216(4)	515' E. of R/W Mkr 410+00 on F-023-1(10)	20.2	5.4	C.R. Martin	76-6844 - 6869
76-11-S	17	Armstrong	SP-F-033-2(400)	.74 mi. E. of Mile Mkr #1 on SR 96	21.0	3.5	Bill Sutar	76-7098 - 7136
76-12-S	17	Armstrong	SP-F-033-2(400)	1.28 mi. E. of Mile Mkr #1 on SR 96	35.2	3.5	Joe Herrera	76-8064 - 8107
76-13-S	32	Nye	S-1426(16)	990' Lt. of R/W Mkr. 42+34 on S-1424(1)	16.6	1.7	Frank C de Baca	76-8400 - 8409
	85	Armstrong	SP-S-1165(200)	1000' Rt. Sta. 445+00 on S-1165(4)	21.8	6.7	Forest, U.S. Govt	76-8410 - 8416
76-[illegible]	53	Armstrong	SP-S-1335(200)	4.4 mi. E. thence 1.1 mi. S., thence 2.19 mi. S. of E.O.P. Sta 351+30			F.D. Illuning Co	76-9123 - 9129
76-14-S	58	Yarbrough	BRF-024-2(7)	27.7 mi. W. of proj. adj. to SR 156	35.9	15.2	R.F. Kriling	76-9186
76-15-S		Nye	RF-028-2(1) Old S-1216(4)	4560' Lt. Sta. 59+51.71			Haldaman	76-9295 - 9324
76-16-S	5	Armstrong	Dist. Maint.	4.18 mi. N. of Lumberton on U.S. 64				
76-17-S	41	Armstrong	SP-3-77(602)	.08 mi. NW thence .97 mi. NE of E.O.P.	24.7	1.8	Rio Rancho Estates	76-10808-10825
76-18-S	29	Nye	F-033-1(17)	4125' So. of Sta. 361+00 on F-033-1(14)	29.0	5.8	Griffin	76-11164 - 11175
76-19-S	68	Nye	OS-2501(1)	2.15 mi. So. of B.O.P. Sta.	36.2 37.0	4.0 28.9	Hindi	76-11482 - 11498
76-20-S	30	Nye	Dist. Maint	2775' E. of R/W Mkr 786+11 on US 84-285	40.0	3.5	Pojoaque Pueblo	76-12679 - 12697
76-21-S	31	Nye	Dist. Maint.	0.9 mi E. of Jct US 84-285 on SR 4, Thence 1505' South	—	—	Pojoaque Pueblo	76-12700 - 12703
				END OF 1976 PITS				

1977

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	Wear CONTRACTOR DATE LET.	Sound.	SURFACE OWNER	
77-1-S	30	Armstrong	BIA-SPS-1317(400)	3.65 mi. W., N., & E. of E.O.P. 204+02.33	21.8	2.7	U.S. Govt	77-59 —
77-2-S	11	Nye	BRS-1443(9)	860' SE of Sta. 36+00	29.0	19.6	Doharty	77-206 — 21
77-3-S	56	Nye	OS-2501(1)	3300' Lt of R/W Sta. 360+87	30.0	0.5 1.6	Vicanta	77-363 — 3 380 — 3
77-4-S	64	Nye	SR-L-77(652)	5.3 mi N. US 60, thence 630' E. off of SR 52 Not Reported Too Fine	—	—	U.S. Govt	77-429 —
77-5-S	63	Nye	SR-1-77(652)	10190' N of R/W Sta 550+09 US 60 Not Reported	—	—	State	77-1135 — 1 77-
77-6-S	12	Nye	BRS-1443(8)	1.70 mi. E., thence 1200' S. of E.O.P. Rip-rap Only	—	—	Mossem	77-1219
57-105-S Ext	63	Perry	SP-1-77(652)	2880' N. of R/W Sta. 1008+25			State	77-1249 — 1
77-7-S	117	Nye	OS-2203(1)	3450' SW of BOP Sta. 0+00	20.6	0.3	Hughs	77-1538 — 1
77-8-S	90	Nye	OS-7535(1)	1.45 mi. N. of Three Rivers on US 54	20.0	9.1	B.L.M.	77-1669 — 1
77-9-S	13	Nye	FLH-12(18)	10,625' SW of Sta. 641+72.27	36.0	27.1	Navajos	77-2183
77-10-S	44	NYE	I-040-4(31) 223	2.3 mi. N. Sta THENCE 1945' W.			TRUJILLO	77-2947-2
77-11-S	2	NYE	BIA-RF-037-1(4)	4.8 MI N., THENCE 2.1 MI. W. OF BOP 1339+00	22.2	3.3	NAVAJOS	77-3422-3
77-12-S	44	NYE	I-IR-040-4(31)223	6.0 MI N., THENCE 1200' E OF STA. 423+11.99	44.6 27.0	24.5 7.5	9-RANCH	77-4399 — 1
77-13-S	3	NYE	RF-033-2(13)	3870' LT. OF STA 2454+00 USE FOR BORROW	19.6		B.L.M.	77-4643 — 1
77-14-S	3	NYE	RF-033-2(13)	6410' Lt. of STA. 2415+00			MANGUM	77-4872- 77-5149-
77-15-S	2	NYE	RF-033-2(13)	7120' LT. OF STA 2415+00	24.0	3.0	MANGUM	77-4847-
77-16-S	1	WHITEMAN	F-032-1(17)	3955' LT. OF STA. 38+52 NOT REPORTED			WHEELER	77-4977 -
77-17-S	1	WHITEMAN	F-032-1(17)	3550' LT. OF STA. 38+52	23.0	6.5	ROGERS	77-4949 -
77-22-S	55	NYE	SP F-050-1(200)	3280' Lt of POC. 893135.2	24.0	0.7	HARREL	77-6650 -
77-18-S	39	NYE	RS-1344(4)	2720' LT. OF R/W STA. 551+94	21.3	5.3	SANTA FE PACIFIC RR.	77-7328 - 77-7204 -
77-19-S	49	PERRY	RS-1300(23)	5.95 MI. SW OF R/W STA. 2082+33			MYERS	77-7179 - 77-7382 -
77-20-S	50	PERRY	RS-1300(24)	1095' W., THENCE 3.6 MI. NE TO R/W 1385+21.34	21.5	15.8	GREEN	77-7425 77-7444
77-[illegible]-S	40	NYE	SP-2309(400)	720' W. OF M.P# 7.92 ON SR 334	23.8	5.1	SOHIO PETROL.	77-7485 77-7515 -
77-[illegible]-S		NYE	SP-S-1412(200)	5 mi. W THENCE 0.9 MI. N. THENCE 1755' NE. OF JCT SR 321 & SR 39			BROCHARD	77-7449 -
77-23-S		NYE	SP-F-024-2(201)	1020' So. THENCE 2650' W OF JCT SR 18 & 86	NOT USED		RUSH	77-7775 -
59-93-S	107	WHITEMAN	SP-F-028-2(200)	2220' Lt of Sta 768+58	29.2 40.0	1.2	STATE	59-13442 13451
77-24-S	59	PERRY	SP-F-024-2(201)	21.38 MI S. OF BOP, THENCE 2720' N.			DOWNEY	77-7836 - 77-7807 -
			END	1977 PITS				

1978

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. WEAR CONTRACTOR DATE LET.	SOUND. LOSS	SURFACE OWNER	
78-1-S	44	NYE	RF-041-1(5) SP-F-041-2(200)	1.93 MI. W. OF R/W STA. 798+00	35.4	5.4	PAYNE	78-131 — 201
78-2-S	29	NYE	OS-7543(3)	1475' RT OF R/W STA.	38.0	9.9	B.L.M.	78-292 — 324
DIST MAINT	17	PERRY		NE¼ 32 T. 22 N., R. 1 W				78-378
78-3-S	122	NYE	OS-2106(2)	9180' RT OF STA. 1818+78.07	21.6 28.6	27.8	B.L.M.	78-492 — 523
78-4-S	76	PERRY	OS-2127(1)	2.16 MI N., THENCE 760' E. OF EOP 355+00	23.6	10.7	BLM	78-4120 — 4184
78-5-S	118	NYE	F-022-1(5)	2.797 MI. LT. OF STA. 852+00			CITY OF CARLSBAD	78-596 — 613
78-6-S	38	NYE	SP-F-037-1(200) & SP-F-037-1(201)	4880' LT. OF R/W STA. 78+91.6	20.6	1.7	NAVAJO NATION	78-770 — 776 632 — 636
78-7-S	25	NYE	TQF-031-1(32) & F-036-1(1)	11.447 MI. SW OF EOP 855+26.7 ON F036-1(1)	15.0	4.0	NAVAJO NATION	78-777 — 779
78-8-S	25	PERRY	TQF-031-1(32)	4000' RT. OF STA. 77+18	42.6 45.2	19.9	NAVAJO NATION	78-707 — 727
78-9-S	25	NYE	TQF-031-1(32)	610' RT OF STA. 13+23.87	51.8 40.6	17.5	NAVAJO NATION	79-8025 — 8037 78-668 — 689
78-10-S	18	PERRY	SP-F-056-1(201)	1.0 MI N.W. OF STA. 477+00	32.2	5.7	TRUJILLO	78-922 — 933
78-11-S	98	NYE	SP-F-013-1(203)	3440' RT OF R/W STA. 132+65.3 ON F013-1(1)			KENNECOTT	78-956 — 966
78-12-S	87	NYE	SP-S-1182(200)	NW¼ SEC. 4, T. 11 S., R. 8 W.			COX	78-1501 — 1521
78-13-S	87	NYE	SP-S-1182(200)	SE¼ SEC. 19 T. 10 S., R. 10 W.			U.S. GOVT.	78-1607 — 1610
78-14-S	87	NYE	SP-S-1182(200)	3.05 MI W. OF E FOREST BDRY, THENCE 1680' NW	24.8	2.0	U.S. GOVT.	78-1675 — 1681
78-15-S	50	PERRY	OS-2303(1)	1020' N OF R/W STA. 1198+46			GREEN	78-1901 — 1915
78-15-S	1	PERRY	RF-031-1(23)	2.78 MI RT. OF STA. 2424+00	19.7	2.0	NAVAJO	78-2120 — 2179
78-16-S	17	NYE	OS-7543(3)	2175' LT. OF R/W STA. 1314+97.8 ON SR 197			SANCHEZ	78-2429 — 2464
78-17-S	17	NYE	SP-F-033-2(209)	3.6 MI N. OF LA JARA, THENCE 2965' WEST	26.6 27.7	4.6	OLIVAS	78-3001 — 3012 3036 — 3062
78-18-S	13	PERRY	FLH-12(19) AND OTHER	8.84 MI W. OF M.P. # 73 ON FLH-12(19)	17.6	9.9	NAVAJO	78-3085 — 3111 3015 — 3022
78-55 EXT	47	NYE	I-040-6(17) 333	12.7 MI N. STA 132+61 ON I-16-040-6(13)337			WORLEY	78-3317 — 3383
78-19-S	64	PERRY	OS-7573(2)	1890' LT. OF P.C. STA. 262+32.74	37.0	17.5 21.9	ALAMO BAND	78-4228 — 4284
78-20-S	16	NYE	SP-F-033-2(209)	2895' LT R/W STA. 1810+00	WAIVED	WAIVED	McDONALD	78-4384 — 4387
78-21-S	38	NYE	OS-7561(2)	INFORMATION (NO SKETCH)			—	78-4390 — 4392
78-25-S	38	NYE	OS-7561(2)	2750' So. OF E.O.P. STA. 226+06	23.1	3.1	U.S. GOVT	78-4394
78-23-F	38	WHITEMAN	OS-7561(2)	INFORMATION (NO SKETCH)			—	78-4393
78-24-S	38	PERRY	OS-7561(2)	5640' SW. OF STA. 99+72	35.2	2.0	HABERMAN	78-4549 — 4558
78-11-S EXT		PERRY	F-033-1(17)	2050' RT. OF R/W STA. 117+63.6 ON SR 4			JEMEZ PUEBLO	78-4450 — 4476
78-25-S	38	NYE	OS-7561(2)	2750' So. OF E.O.P. STA. 226+06	23.1	3.1	U.S. GOVT.	78-4540 — 4558
78-26-S	118	PERRY	SP-S-1206(200)	4.2 MI. W., THENCE 1800' N. OF BOP 379+43.1	22.9	6.9	CARRASCO	78-4878 — 4896
78-27-S	44	NYE	SP-F-041-1(5)	430' LT. OF STA. 275+00			ANTON CHICO GRANT ASSOC	78-5273 — 5295

(CONTINUED NEXT PAGE)

1978.

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR CONTRACTOR DATE	SOUND, CONTRACTOR LET.	SURFACE OWNER	
(CONTINUED)								
78-15-S	1	PERRY	RF-031-1(23)	3.23 MI. RT. OF STA. 2424+00				
78-28-S	1	PERRY	RF-031-1(23)		28.6	1.6	NAVAJO	78-6656-6
78-29-S	15	NYE	SP-F-033-2(206)	1445' LT. OF R/W STA. 36+48			STATE	78-6820-6
78-30-S	91	NYE	RS-1226(6)	RT OF R/W STA. 880+47.86	24.0	22.1	PEARSON	78-8057-80
78-31-S	15	NYE	SP-F-033-2(206)	4690' LT. OF STA. 176+00			B.L.M.	78-8161-816
78-32-S	113	NYE	I-010-2(53)158	2910 LT. OF I-10 AT VADO INTCH	22.4	0.3	GUILLEN	78-8177-81
78-33-S	113	PERRY	I-010-2(53)158	IN VADO ARROYO				78-8187
78-34-S	113	NYE	I-010-2(53)158	2MI. E. OF MESQUITE INTCH MAY NOT USE - PROP. OWNER WANTS 25¢ TON			B.L.M.	78-8311 & 8312
78-35-S	16	PERRY	SP-F-033-2(209)	1630' LT. OF STA. 1981+00 OLD 62-21-5	—	—	BARRY	78-8419-81
78-36-S	38/739	NYE	I-040-1(58)71	6200' N. STA 956+15 ON OLD US 66 NW ¼ 15, T. 13 N. R. 11 W.	21.5	2.5	ELKINS	78-8457-84
78-37-F		NYE	I-040-1(58)71		—	—		78-8467
78-38-S	47	NYE	I-040-6(31)335	12.1 MI. N. OF STA. 132+62 ON I-040-6(13)337			GRIEGO	78-9053-9
78-39-S	44	NYE	I-IR-040-4(31)223	2.0 MI. N. OF STA. 1082+64.2	23.0	7.9	PAYNE	78-9483-95
78-40-S	8	NYE		840' RT. STA. 266+74.4 N.E. OF ELIZABETHTOWN			MUTZ	78-9507-95
78-41-S	18	PERRY		0.3 MI. N., THENCE 1545' W. STA 477+50 ON US 285			TRUJILLO	79-61-—
78-42-S	111	WHITEMAN	SP-F-013-1(204) F-013-1(18)	3290' RT. OF STA 890+00	19.2	3.8	PERRIN	78-9603-9

END 1978 PITS

1979

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. WEAR	SOUND. LOSS	CONTRACTOR DATE LET.	SURFACE OWNER	
79-1-S	42	NYE	I-025-4(45)251	9895' LT. OF STA. 559+00				SAN FELIPE	79-758 — 785
79-2-S	42	PERRY	I-025-4(44)248	6800' LT. OF R/W STA. 1514+54				SAN FELIPE	79-980 — 991
66-155	42	NYE	I-025-4(43)242	1635' RT OF R/W STA. 1425+69,1				SAN FELIPE	66-3324 — 334 79-928 — 96[illegible]
77-1285	EXT 70	NYE	F-027-2(17)	2800' LT. OF P.T. 82+09.4 ON NM 252				WATTINGTON	79-2966 — 29[illegible]
79-3-S	16	PERRY	SP-F-033-2(208)	1470' RT. OF R/W STA. 1683+00				BERRY	79-3273 — 3276
79-4-S	IN ARIZ	PERRY	I-IR-040-1(60)0	18.4 MI. FROM B.O.P. IN ARIZ OFF OF NAVAJO 12				NAVAJO NATION	79-3279 — 328
79-5-S	17	NYE	SP-F-033-2(209)	1460' LT. R/W STA. 291+92.69 ON SR 96	29.5	10.4		MORA	79-3475 — 350
79-6-S	54	PERRY	F-055-1(1)	12.45 MI. N.W. OF B.O.P. 634+43.11				BERKSHIRE	79-3753 — 379[illegible]
79-7-S	54	PERRY	F-055-1(1)	10.83 MI. N.W OF STA. 584+70	28.2	1.5		WELMAS	79-3895 — 39[illegible]
79-8-S	2	NYE	SP-F-033-2(211)	NW¼ OF SE¼ OF SEC. 33, T. 29 N., R. 12 W.	20.8	2.5		U.S. GOVT B.L.M.	79-3977 — 398 79-4227 — 424
79-9-S	113	NYE	RS-1125(4)	1995' RT. OF STA. 165+00				O'HADAY	79-4440 — 445
79-10-S	3	NYE	SP-F-033-2(211)	NE⁴ OF SW⁴ SEC. 25, T. 29 N, R. 11 W.				SULLIVAN & ASHCROFT	79-4763 — 477 79-4853 — 491
79-11-S	38	NYE	I-16-040-1(59)26	7.732 MI. NE OF THOREAU INTERCHANGE	18.5	2.4		ELKINS	79-7812 — 781
79-12-S	74	NYE	RS-1151(2)	3060' LT. OF STA. 285+00 SW¼ 2, T. 10N., R. 8W.				U.S. GOVT HIGHWAY DEPT.	79-8228 — 88[illegible] 79-8928 — 88[illegible]
79-13-S	39	PERRY	I-040-2(36)101	7.646 N. OF MCCARTYS INTCH	30.3	5.2			
79-14-S	113	NYE	RS-1125(4)	1160' RT. OF STA. 160+37.35	20.4	0.9		U.S. GOVT.	80-3843 — 39[illegible]
37-40-S	109	NYE	I-IR-010-1(33)6	1400' LT OF R/W MKR. 780+00				U.S. GOVT.	79-8668 — 86[illegible]
79-15-S	102	NYE	EFD-018-1(12) & OTHERS	1.9 MI. LT. OF R/W STA. 316+00 3 PROJECTS	22.2	0.5		U.S. GOVT.	79-11144 — 11[illegible] 80-246 — 307

1980

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR CONTRACTOR DATE LET.	SOUND	SURFACE OWNER	LAB No's.
80-1-S	70	NYE	F-FG-027-2(17)	2.02 MI. LT. OF R/W STA 220+00	26.6	1.5	STEELE	80-350 — 33
65-31-S	52	WHITEMAN	I-040-2(36)101	5.1 MI. So. OF MESITA INTCH. N½ Sec 17, T. 14S, R. 11E		3.6	LAGUNAS	65-10160 — 101
								80-609 — 62
80-2-S	91	NYE	RRF-021-1(21)	2MI. RT. STA. 1582+00			BEATY	80-887 — 89
80-3-S	91	NYE	FFD-021-1(20)	6755' RT. STA. 1582+00	23.2	2.8	VIRDEN	80-906 — 94
								61-2428 — 24
61-8-S	10		SP-F-046-1(201)	3790' RT. STA. 456+00		1.0	KING	80-1024 — 102
80-4-S	14	NYE	SP-F-037-1(208)	3.32 MI. LT. OF STA. 634+50			NAVAJOS	80-1075 — 107
76-13-S	32	NYE	SPS-1424(200)	990' LT. OF R/W MKR. 42+34 ON S-1424(1)	16.6	1.7	DeBACA	76-8400 — 84
80-5-S	29	PERRY	SP-F-033-1(201)	2910' RT. OF R/W STA 357+00	44.4	13.3	ZIA PUEBLO	80-1286 — 1310
					13.2	1.2		80-1396 — 140
80-6-S		NYE	I-IR-040-1(60)0	17.0 MI. INTO ARIZ.				
80-7-S	79	NYE	SP-F-020-2(201)	10,740' LT. OF R/W MKR. 176+00			SPENCER	80-1413 — 141
80-8-S	14	NYE	SP-F-037-1(208)	3.13 MI. LT. OF STA 634+50	—	—	NAVAJOS	80-1728 — 1731
80-9-S	43	NYE	SP-F-050-1(201)	2450' LT. OF R/W STA 356+05	32.0	2.5	ORTIZ	80-1765 — 1803
80-10-S	79	NYE	SP-F-020-2(201)	7165' RT. OF R/W STA. 217+00	17.7 24.6	0.5	SPENCER	80-1840 — 1875
80-23-S EXT	107			2220' RT. OF STA. 768158 No SKETCH YET		1.2	STATE	
80-11-F	39	PERRY	I-IR-040-1(59)34		—	—		80-3798 — 38
				(OLD LOCATION)		1.3 3.0	SANTO	76-8035 — 48
76-9-S	42	NYE	I-025-4(	24,900' LT OF R/W STA. 749+79.4	26.1	3,2	DOMINGO	80-4622 —
62-29-S	10	NYE	F-RF-046-1(18)	2.8 MI. S. OF STA. 398134.1 ON F-046-1(6)	34.8	5.0	STATE	80-7340 — 734
72-11-S	34	Cox	RS-1429(19)	2250' RT. R/W STA. 756+67.2	26.0		MOORE RANCH	80-7322 — 73
60-13-S EXT	18	NYE	F-RF-052-1(23)	So. OF GHOST RANCH MUSEUM		3.0	PRESBY. CHURCH	80-7350 — 735
[redacted]-2-S	65	PERRY	SP-1-025-3(203)150	RT. OF R/W MKR. 429+98.33	26.9	3.0	GLEASEN	80-7888 — 79
[redacted]-S	38		SP-1-040-1(201)40	9320' SE OF RW STA. 134+57.9 ON SR 57			ELKINS	
78-39-S EXT	44	NYE	IR-040-4(32)239	1.5 MI. N. JCT. NO. OF STA 1092+61			PITMAN	
78-1-S EXT	44	PERRY	IR-040-4(32)239	2.25 MI. LT. OF R/W STA. 729+00 ON SP-F-041-1(5)	35.4	5.4	PAYNE	

1981

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR % CONTRACTOR DATE LET.	SOUND, %	SURFACE OWNER	LAB No's.
6-38-S	96	NYE	F-FR-025-1(12)	3758' LT. OF STA. 238+69.9 ON F 026 1(17)	CAP 28.0 IWI, 35.8	6.8	HAWTHORN	
81-1-S	33	NYE	I-IR-025-5(54)355	4795' LT. OF R/W STA. 90+00	99.0	4.4	ROBERT MORE	81-311—324
81-2-S	34	NYE	RS-1429(19)	2605' RT. OF R/W STA. 756+67		2.4 3.2	WOOTEN	81-485—493
-3-S	59	NYE	SP-S-1260(200)&(201)	1130' SE. OF APPNT. SEC COR 2/3 10/11 T.5N., R.31E.	26.0	1.1	WILLIAMS	81-476—480
-4-S	102	NYE	F-FD-018-1(16), (17), & (18)	6.68 MI. RT. OF STA. 1668+00	23.5	0.3	U.S. GOVT. B.L.M.	81-718 & 719 81-2545—254
58-19-S	93	NYE	F-FD-021-2(16)	515' LT. R/W STA. 507+20	22.4 28.8	3.5	BLM N.M.S.H.D. LEASE	81-2350—238
-5-S	102	NYE	F-FD-021-2(17)	1090' RT. R/W STA. 975+85		11.1 13.3	UNITED CONTINENTAL DEVELOP.	81-2325—23
68-9-S	61	NYE	RS-1153(10)	2290' LT. OF STA. 1473+00	24.4	1.7	U.S. GOVT	68-3116—388
71-1-S	107	NYE	F-022-2(15)	6620' LT. OF STA 2447+15 ON OLD PRO	25.5	CAP. 6.0 SOFT 19.5	STATE	71-568—579
-6-S	91	NYE	FFD-021-1(25) ET AL	LT OF ℄ FROM STA.	24.4	14.8 3.9	MESCALERO	81-4138—418
-7-S	107	NYE	ST-ERS-1206(201)	2050' RT. OF R/W MKR. 871+42.4			B.L.M.	81-4794—48
8-S	118	NYE	RS-1206(10)	5620' N. INTERSECT. N.M. 387 & N.M. 31			ONSUET	81-4698—473
-9-S	24	NYE	SP-4-81(	6890' W OF R/W MKR 284+00			LEIGHTON BLM- N.M.S.H.D. LEASE	81-6452—6492 81-6653—6667
58-19-S EXT	93	NYE	F-FD-021-2(19)	515' LT. OF R/W STA. 507+20				
51-128-S EXT. B'		NYE	SP-ETF-027-3(	4500' LT. OF P.T. 82+09.4 ON SR 252				81-7070—7095
78-1-S EXT	44	NYE	F-RF-041-1(5)	2.282 MI. LT. OF R/W STA. 798+00			PAYNE	
-10-S	108	NYE	SP-ETF-026-1(200)	1580' LT. OF R/W MKR 630+00			STATE	81-6871—699
-11-S	2	NYE	SP-F-037-1(207) AND OTHER	2.078 MI. W OF STA. 236+80 ON SP-F-037-1(205)			NAVAJOS	81-7935—7992
8-10-S	18	PERRY	F-056-1(3) ?	1315' LT OF R/W STA. 224+30 ON SR 96			TRUJILLO	81-9419-9425
80-1-S	70	WHITEMAN	SP-ETF-027-3(	2.2 MI. LT. OF R/W STA 220+00 ON F-027-2(1)				
81-12-S	29	NYE	F-FR-033-2(14)	4555 RT. OF R/W MKR 401+06			BLM MINERALS DE HERRERA	81-9700—9851
-13-S	19	NYE	RS-SR-1513(11)	1080' RT. OF R/W STA. 46+85.7			MARTINEZ	81-9770—97
78-1-S EXT	98	PERRY	SP-F-013-1(206)	3040' LT. OF R/W STA. 130+55.3			KENNECOTT	81-11005—1105
81-14-S	99	KRETZ	SP-ETF-016-1(201)	4455' LT OF STA. 78+95.1 ON SR 90	25.4 26.3		GALAZ	81-11141—1118
3-15-S	98	KRETZ	SP-ETF-013-1(205)	4498' LT. OF STA. 268+10			SEGULJA (FRANKS)	81-11219—112
64-24-S	8	WHITEMAN	SP-ETF-051-2(201)	224' RT. OF STA. 254+69 ON S-1529(2)			MUTZ	
81-9-S EXT	24	NYE	ST-ERF-043-1(200)	6890' W. OF R/W STA. 284+00			LEIGHTON	81-6653—6667
76-13-S	32		I-IR-025-5(55)346	990' W. OF R/W STA. 42+34 ON S-1424(1)	16.6	1.7	C. DE BACA	76-8400—840
81-16-S	82/83	NYE	DIST. No. 2 MAINT.	T.7S., R.29E., NE1/4 SEC. 32 & NW1/4 SEC. 33			WHITE LAKE RANCH	81-11861—1187
9-17-S	35	NYE	ST-ERF-044-1(202)	2030' LT. OF MP# 79.9			MITCHELL	81-13208—132
81-18-S	24	NYE		8420' LT. OF R/W STA. 504+50 (SR 102			PERSHBACHER	81-13302—1331
19-S	35	NYE	ST-ERS-1430(200)	2.095 MI. LT. OF R/W STA 0+00			STATE	81-13288—133

1981 CONT.

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR ~~CONTRACTOR~~ DATE LET.	SOUND. SURFACE OWNER	LAB No's
81-20-S	76	Busch	I-025-2(45)102	820' Lt. Sta 516+02		B.L.M.	81-13567—13582
81-21-S	18	Nye	SP-ETF-052-1(20C)	1780' Lt. R/W Sta. 83+69		Bataglone Sanchez Grant	81-13586—13614
81-22-S	4	Nye	SP-F-052-1(207)	Approx. 50 mi. W. Dulce		Jicarillas	81-13616—13621 13624—13677
81-23-S	14	Nye	SP-F-037-1(206)	2.84 mi. Lt. of Sta. 3485+00		Navajos	81-13977—14001
81-24-S	14	Kretz	SP-F-037-1(205)	1960' Lt. of 3474+75		Navajos	81-14193—14221

END OF 1981 PITS

1982

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR	SOUND, ~~CONTRACTOR~~ DATE LET.	SURFACE OWNER	LAB NO's
[illegible]	55	NYE	SP-ET-1-040-4(201)208	3700' LT. OF POST. PI. + 1075' LATER			HARRAL	
121-S	109		SP-S-1100 (201)				KERR	82-1190 — 1192
122-S	121	KRETZ	SB-7723(900)	333' LT. OF P.C. STA. 121+44.58 SEE EARLY LATER	28.0	42.9	DUNAGAN	82-1811 — 1829
123-S	107	NYE	ST-F-022-2(	2.87 MI. NW OF JCT US 62 & 180/SR176 NEW	28.0	12.8	STATE	82-1758 — 1796
111-SEXT	107	NYE	ST-F-022-2 (203)	6970' LT. OF R/W STA 2240+00			STATE	81-2933 — 2945 82-1462 — 1504
4-S	85	NYE	SP-ETF-013-2(204)	3.066 MI. N. OF R/W STA. 655+00	22.7	8.2	STEPHENS	82-2113 — 2129
5-S	85	NYE	SP-ETF-013-2(204)	610' E. OF R/W STA. 185+17	20.2		HUDSON	82-2136 — 2153
6-S		NYE	DIST. MAINT.	SE¼ 27, T.10S., R.17E.			PROCTOR	82-2892 — 2300
7-S	70	KRETZ	DIST. MAINT. & ST. BRF-041-1(200)	1800' SE OF R/W STA. 976+44 So. OF US 60 & W. OF SR20 NO SK			DE FOOR	82-2490 — 2551
8-S	70	KRETZ	DIST. MAINT. & ST-BRF-041-1(200)	No OF US 60 & W OF PECOS R. NO SK				82-2637 — 2665
SEXT	44	KRETZ	1-IR-025-5(56)318				LOAB REALTY	82-3678 — 3685
9-S	120	NYE	PROJ. VIC. OF HOBBS	SEC. 496 - BLOCK 6 "HIGGENBOTHAM PIT"				82-3231 — 3233
10-S	106	NYE	SP-F-028-2(203)	2 MI. N. OF US 82 ON CITY DUMP ROAD N½ SEC. 4, T.17S., R.25E			EAVENSON	82-1955 — 1963
SEXT	19	NYE	FR-051-1(41)	840' RT. OF R/W STA. 270+80			U.S. GOVT	
11S	34	NYE	DIST. MAINT	1380' N. OF MILEPOST # 80.35			SANCHEZ	82-3936 — 396
12S	80	NYE	SP-S-1227(200)	0.7 MI. N. OF US 380 ON FOR RD. B-23	34.4	3.0	US GOVT FOREST	82-4025 — 405
13S		NYE	F-FR-021-2(14)	HOLD FOR FUTURE USE NO SK				82-4138 — 41
14S		NYE	F-FR-021-2(14)	3995' LT. OF R/W STA. 867+92	25.75	3.2	C. MARLEY & E. WHITNEY	82-4286 — 4318
15S	118	NYE	SP-F-022-2(203)	1895' SW OF SEC. COR. 13 18 24 19 & JCT C.RD. 408 & C.R. 672			B.L.M.	
16-S	8	NYE	SP-ETF-051-1(201)	1180' LT. OF R/W POST #7 OR US 64 R/W			J. GANT	82-4664 — 4684
17-S	8	NYE	SP-ETF-051-1(201)	345' LT. OF R/W STA. 54+08 NM 38(N)			J. BOYD	82-4685 — 4702
18-S	8	NYE	SP-S-1456(200)	1145' RT. NM. 38(N) R/W STA. 54+00			VILLAGE OF EAGLE NEST	82-4662 — 4684
19-S	18		FR-056-1(3)					
20-S	6	NYE	DIST 5 MAINT.	420' RT. R/W STA. 858+71 US 84			ISMAEL S MABS	
21-S	2	NYE	F-FR-032-1(23)	2.11 MI. N. US 550 ON TROY KING ST.			STATE	82-5269 — 5363
22-S	2	NYE	F-FR-032-1(23)	2.16 MI. N. US 550 ON TROY KING ST.			STATE	82-5364 — 5519
23-S	2	NYE	F-FR-032-1(23)	205' LT. R/W STA. 365+16 US 550			U.S. GOVT.	
24-S	3	NYE	SP-(S)-1525 (200)	5160' LT. US 64 R/W MARKER 34+71			E. ATENCIO & B. VALENCIA	
SEXT	61	NYE	RS-1153 (11)					
25-S	38	NYE	RS-130-1(1)	3595' LT. R/W STA. 1106+23 - SR 53 E. EL MORRO			JOHN B. UNRUH	
SEXT	24	NYE	F-046-1(20)	355' RT. R/W STA. 700+00 US 87			TROY MAYS	
26-S	5	NYE	SP-ETF-052-1 (208)	6425' LT. R/W STA. 1074+00 US 60/84			LE ROY E. HALL	

1982 CONT.

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE LET.		SURFACE OWNER
64-39-S EXT.	44	KREIZ	I-025-5(57)328	6680' LT. STA. 2080+00	L.A. WEAR - SOUND		[illegible]
82-27-S	10	NYE	SP-(I)-025-6(200)446	3080' RT. R/W STA. 46+18 (2.05 MI.)			SPROULE
82-28-S	10	NYE	SP-(I)-025-6(200)446	10,825' LT. US 64/87-R/W STA. 540+96			WHITTENBURG
82-29-S	92	NYE	SP-(S)-021-1(202)	2.65 MI. N. JCT. US 70 - NM 214			Nosker
81-16-S EXT.	82 & 83	NYE	FR-026-2(2)	NM 18 DORA - PORTALES			White Like Ranch
82-30-S	93	NYE	F-021-2(14)	3.65 MI. S. 2ND ST. ROSWELL / SUNSET AVE	20.8	3.6	INGEBURG

1983

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. WEAR % ~~CONTRACTOR~~ ~~DATE TEST~~ %	SOUND LOSS %	SURFACE OWNER	
1-S	100	NYE	SP-ETF-015-1(201)	4630' RT. R/W STA. 76+84 NM 26	21.3	9.6 & 2.6	B.L.M.	83-0069-0107
2-S	65	NYE	SP-ETF-017-2(201)	850' RT. R/W STA. 303+16 W. SOCORRO US 60	24.5	8.8	B.L.M.	83-0131-0142
	77	NYE	SP-ETF-019-1(202)	760' RT. R/W STA. 11+34 ± US 380			B.L.M.	
3-S	88	NYE	I-025-2(46)80	780' RT. R/W STA. 1736+50 US 85	20.3 26.3	2.9 3.5	G. S. GREER	83-0237-0256
4-S		NYE	CANCELLED I-025-1(39)46 NO	ARCHAEOLOGICAL CLEARANCE				
5-S	10	NYE	SP-ETT-025-6(200)446	4610' RT. R/W STA. 22+30	29.2, 34.5 & 23.6	22.8, 7.4 & 1.3	MYERS	83-1838-1865
	110	NYE	IR-010-1(39)34	1.70 MI. LT. R/W STA. 797+90			B.L.M.	
	100	NYE	I-025-1(29)46	1420' LT. R/W STA. 269+50			GILLIS & B.L.M.	
6-S	37	NYE	RS-1301 (NEW)	(2.39 MI.) 12,600' N.E. OF R/W STA. 590+00 BIA RT. 5	29.8 32.7	1.2, 3.9 & 0.7	ZUNI TRIBE	
7-S	39	NYE	I-040-2(42)96	5.25 MI. N. OF McCARTY INTER.	33.1, 26.3 & 24.2	7.2 & 9.2	GALLEGOS	83-1702-2081
8-S	4	NYE	AHL-7039(1)	725' LT. ℄ SURVEY STA. 103+00			B.L.M.	
9-S	106	NYE	DIST. 2 MAINT.	2 MI. W. & 1¼ MI. N. ARTESIA PATROL YARD			B.L.M.	
10-S	44	NYE	IR-040-5(36)240	13.82 MI. N. I-40 FR. RD - GUAD. Co. RD. 4-A	25.4, 27.9 19.2 & 21.9	2.5 & 8.7	MAESTAS	83-2367-2390
11-S	84	NYE	FR-026-2(2)	4 MI. So. DORA - 3480' W. ON Co. RD.			ROSS	
12-S	67	NYE	SP-ETF-020-2(200)	2170' LT. R/W MARKER 253+00 US 54			BOGLEY	
13-S	107	NYE & KRETZ	SP-F-028-2(3)	6890' LT. R/W STA. 313+10 US 82				
1-S	21	NYE	RS-1456(1)	1.6 MI. WEST STA. 25 10+00			2S CATTLE Co.	
	9	NYE	BRS-1456(2) & SP-201	2060' RT. OF STA. 109+00			MESSICK	
14-S	38	NYE	F-031-1(21) & IR-040-1(28)40	8.67 MI. LT. R/W STA. 150+23.49 (THORAU)			Turpin	83-3369-3386
15-S	19	NYE	F-051-1(45)	860' RT. NM 68 R/W MKR. 531+77			Romero	83-3913-3935
16-S	49	NYE	RS-1301(1)	3 MI. S. OF OJO CALIENTE ON ZUNI RES.			ZUNIE TRIBE	83-4160-4175
17-S	92	NYE	F-021-1(23) & SP-ETF-021-2(201)	2.65 MI. N. R/W STA. 76+05 - US 70	29.6-24.8 & 26.9	1.7, 0.9 & 1.3	PROCTOR	83-4386-4415
	103	KRETZ	SP-ETF-028-1(202)	1639' LT. STA. 105+50 ON FOREST HWY. 35 A			FOREST	83-4566-4575
18-S	54	NYE	RS-1500 (12)	1985' RT. NM 14 R/W STA. 785+05 (Escobosa)			MORA	
19-S	44	NYE	SP-ETO-2502 (200)	2240' LT. STA. 112+49.28 SR-3 S. VILLANUEVA			BUTLER	
20-S	24	NYE	F-046-1(19)	2140' RT. M.P. 370.01 N.M. 18			PERSCH-BACHER	83-5603-5625
21-S	24	NYE	SP-ETF-046-1(205)	9645' (1.83 MI.) RT. R/W MARK. 30+00 US 87			R.B. DAY	83-5636-5651
	87	NYE	SP-F-011-1(201)	[illegible] LT. R/W STA. 127+00			STATE	83-6010-6048
	112	NYE	IR-010-2-(61)134	2900' LT. R/W STA. [illegible]			STATE	
22-S	65	NYE	ACI-025-3(33)136	840' Rt. Sta 1224+88 (1.25)			State	

1984

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	L.A. CONTRACTOR	S.L. DATE LET	SURFACE OWNER
84-1-S	120	Nye/Kretz	SR-1219(14)	3.2 mi. ℄ NM18 Sta. 924+00			Wallach Ranch & Estate-s Floyd Shaw
84-2-S	107	Nye	SP-ETF-028-2(203)	800' Rt. R/W sta. 468+93 (N.M. 529)			
84-3-S	57	Kretz	F-020-3(4)				
84-4-S	48	Nye	ST-S-1412(201)	4.5 mi. N. Mp. 40.1 on NM 39		2.9	Gano Coop Brothers
84-5-S	65	Nye	F-027-1(8)	1550' Rt. Survey ℄ 154+00			Weldon Burris
84-6-S	18	Nye/Kretz	F-051-1(45)	2370' Rt sta. 40+00			San Juan Pueblo
84-7-S	97	Nye	SP-ETF-011-1(200)	4.25 mi SW. of U.S. 70, Sta. 295+00			DAY
84-8-S	53	Kretz	SP-ETS-1525(208)	3990' Lt. R/W sta. 494+55/495+66			BLM
84-9-S	3	Nye	SP-ETS-1525 (203)(204) & (208)				BLM
84-10-S	70	Nye	SP-ETF-027-3(205)	365' Lt. R/W Marker 278+? (Jct. US64/NM 68)			Defoor
84-11-S	18	Nye/Kretz	F-052-1(15)	1.8 mi. Rt. R/W Sta. 35+00 NM 96			Simpson
84-12-S	5	Holmquist	SP-ETF-052-1(212)?	2210' SW R/W 1074+00 (US. 64/84)			Hall

1985

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	WEAR %	SOUND CONTRACTOR DATE TEST.	SURFACE OWNER	
85-1-S	41	Nye	IR-040-2(46)131	2385' Rt. I-40 front. rd., sta. 527+10.13			Orlando Sanchez	
85-2-S	48	Nye	IR-040-5(44)308	9740' rt. Mp 327 (U.S. 54)			Barn	
85-3-S	81	Nye	WIPP-F023-3(5)&(6)	1.8 mi. Rt. B/w Mkr. 740+00, U.S. 285			Corn	
85-4-S	81	Nye	WIPP-F-023-3(6)	5.9 mi. W. US 285, Mp 136.8			BLM	
85-5-S	23	Nye	RS-1441(7)	3.47 mi. Rt. sta. 13+00			Britt	
85-6-S	2	Nye	SP-F-033-2(202)	4520' Rt. sta. 571+29.7, U.S. 64			BLM	
85-7-S	7	Nye	F-RF-053-1(13)	1350' Rt. Sta 425+24 on N.M. 3			Taos Pueblo	
85-8-S	2	Nye	SR-1331(5)	NE¼ NE¼ Sec. 1, T. 29N., R. 14W			BLM	
85-9-S	53	Nye	SP-ETF-027-1(203)	2125' Rt. Sta. 636+63 on N.M. 47			Clarence Jaramillo	
85-10-S	42	Nye	SP-ETO-2344(200)	1.23 mi. E. N.M 21⅓, MP 4			Everett Lloyd	
85-11-S	96	Raught/Nye	SP-ETF-026-1(205)	2.5 mi. S. in SW¼ Sec. 13, T. 15S., R. 37E.			D. Chenoweth Cattle Co.	
85-12-S	69	Raught	WIPP-F-023-3(7)	2725' Rt. ℄ Surv. 2263+00			Chas. Martin	
85-13-S	69	Raught	WIPP-F-023-3(8)	2470' Rt. Sta. 3239+65			Robert Morley	
85-14-S	97	Nye	SP-ETF-013-2(207)	2.7 mi. N. Jct. US180 & NM211			State	
85-15-S	121	Nye	RS-1100(3)	5.5 mi. W. Animas & 3.7 mi. N.			State	
85-16-S	108	Nye	RS-1218(4)	3.38 mi. W. Jct. NM 8 & NM. 322			Climax Chemical Co.	
85-17-S	108	Nye	RS-1218(4)				State	
85-18-S	69	Nye	WIPP-F-023-3(7)				Chas. Martin	
85-19-S	29	Nye	SP-ETF-038-1(203)	410' Rt. sta. 225+18 on NM. 290			Jemez Pueblo	
85-20-S	29	Nye	"	3660' Rt. 288+14 on N.M. 4			"	
85-21-S	42	Nye	SP-ETS-1504(201)	5720' Rt. Jct. NM. 14 w. Los Cerrillos Rd.			Hall	
85-22-S	85	Nye	SP-ETF-013-2(208)	6420' Rt. Sta. 300+61.8			McKeen	
85-23-S	28	Nye	F-033-1(24)	Sect. 22&23 T. 15 N., R. 6W.				
85-24-S	48	Nye	SP-F-024-3(202)	4.55 mi. N. Mp 40.1 on NM. 39			Cox	
85-25-S	109	Allen	RS-1100(3)	5.5 mi. W. Animas and 4.3 mi. N. of NM9			State	
85-26	53	Nye	SP-ETF-027-1(204)	5.71 mi. Rt. N.M. 6 R/w Sta. 743+40.8			Horizon Corp.	
85-27-S	85	Allen/Nye	F-013-2(3) ST-F-013-2(208)	220' rt. Sta. 189+52.7	22.5, 20.4 & 30.1	1.0 & 1.1	Hudson	
85-28-S	29	Allen	SP-ETF-033-1(205)	4360 ft. Rt. Sta. 327+91.41			E.J. Pueblo	

1986

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	% L.A. WEAR ~~CONTRACTOR~~ ~~DATE TEST~~	% Soundness Loss	SURFACE OWNER	12
86-1-S	48	Nyc	F-603-6(6)	3.78 mi. SE of U.S. 54, Mp 331.8	36.2, 29.7 & 33.1	4.8, 8.1 & 9.5	Merrick	
86-2-S	124	Nyc/Allen	SP-GRO-7529(200)	1535' Rt. Sta. 896+75				
86-3-S	30	Allen	WIPP-BRF-F-054-1(3)	1420' LT STAT 73+25	25.7	6.2 & 8.3	SAN ILDEFONSO	
86-4-S	30	Allen	" " " " "	760' Lt. of Gas Co. MP 26 on NM 4	27.4 & 31.9	10.2	SAN ILDEFONSO	
86-5-S	39	Nyc	ST-S-1344(200)	Sec. 31 15N 6W				
86-6-S	39	Nyc	ST-S-1344(200)	Sec 6 14N 6W				
86-7-S	60	Allen	ST-S-1412(202) Ph. 2	3.64 mi. W. of AP 230 (Mp 11.9 on NM 39)	36.9, 25.7 26.7, 28.9	20.0, 3.8, & 10.2	Ofis Duke	
86-8-S	99	Allen	SP-ETF-019-1(205)	1120' Lt. waterline marker 3779+50.9 on NM 37			Fern Sawyer	
86-9-S	30	Nyc	ST-S-1344(200)	7 mi. N.E. San Mateo in Fernandez Grant	17.1, 19.6 & 18.5	4.9, 8.6 & 2.1	Fernandez Ranch	
86-10-S	55	Allen	IR-040-4(38)207	S½ SE¼ Sec. 34, T. 9 N. R. 9 E.			Paul Davis, Jr.	
86-11-S	56	Nyc/Allen	WIPP-F-027-1(9)	3200' rt. sta. 454+00			Robert Morley	
86-12-S	68	Allen	WIPP-F-023-3(10)	5.0 mi. Lt. sta 3919+00	26.9, 31.4 & 49.6	3.8, 2.6 & 18.2	Sam Burgett	
86-13-S	56	Allen	WIPP-F-020-3(5)	1565' Lt. sta. 113+10			Eugenio Perez	
86-14-S	72	Allen	F-024-1(8)	2275' Lt. RW 110+24 on NM 480				
86-15-S	83	Allen	SP-ETF-024-1(204)	4345' rt. Sta. 177+61			Jerry Stokes	
86-16-S	108	Nyc	RS-1218(4)	¼ mi. NW Monument, NE Sec. 24, 19S, 36E				
86-17-S	108	Nyc	SP-2-87(604)	SE¼ 18, T. 19S., R. 37E.				
86-18-S	108	Nyc	RS-1218(4)	Sec. 19/30, T. 19S., R. 37E.				
86-19-S	111	Allen	IR-010-2(67)84	875' Lt. sta. 62+52?, N.M. 549			Smyer	
86-20-S	38	Allen	FLH-1301(6)	7.7 mi. NE R/W sta. 211+25 on N.M. 53			Ramah Land & Cattle	
86-21-S	51	Allen	SP-ETS-1301(202	Lt. of sta. 677+53 on N.M. 53			Porter	
86-22-S	98	Sparkman	F-012-1(10)	Sec. 19, T. 20S., R. 12W.			Stark	
86-23-S	99	Sparkman	SP-ETS-1109(203)	1480' rt. R/W Sta. 1559+90			Basin-Cox Inc.	
86-24-S	82	Sparkman	SP-ETF-024-1(206)	5.5 mi. N. U.S. 70 3.4 mi. E of US 285				
86-25-S	31	Allen	RS-1416(1)	East Pecos				
86-26-S	44		SP-ETF-041-2(201)	4930' W. R/W Sta 798+00				
86-27-S	103	Sparkman	ST-F-018-1(205)	2735' N. NM. 545 & 0.7 E. Jct. U.S. 70/54	20.2, 20.4 & 21.9	0.9, 1.8 2.3 & 2.5	T. Brown Const.	
86-28-S	113	Sparkman	SP-ETS-1122(200)	2.4 mi. NE Mesquite Interch.			BLM	
86-29-S	79	Sparkman	SP-ETF-019-1(205)	4680' N. R/W Sta. 397+00, US. 380	18.6, 25.5 & 20.4	14.8, 8.0 & 14.0	Fred LaMay	
86-30-S	78	Allen	SP-ETF-019-1(204) (Special Specification)	1200' N. of Mp 28.5 on US. 380			BLM	
86-31-S	57	Sparkman	IR-040-5(40)281				J.T. White	
86-32-S	82	Allen	F-024-1(8)	7.4 mi. E. US. 70			Whitelaw Ranch	

1987

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	% L.A. WEAR	% SOUND MGS LOSS	SURFACE OWNER
87-1-S	55	Allen	IR-040-4(38)207	6426'Lt. Rdwy Sta. 6.75+83			Lowry Hagerman
87-2-S	2	Allen	RS-1331(5)	5.9 miles N. of Jct. 550/170 & 330' W.			Richard Kennard
87-3-S	18	Sparkman	F-052-1(26)	1.8 mi. W. of NM 96 & .6 mi. E of Jct.	25.4, 34.8. 36.3, 27.1	3.2, 3.0 2.2, 4.0	Richard Cook
87-4-S	32	Sparkman	RS-1422(3)	"Nervous Goat Hill" or Pork Chop Hill (74-10-S resample)			J.D. Spodace
87-5-S	123	Sparkman	F-013-1(21)	320' rt. NM 9, Mp 84.4			SLO
87-6-S	2	Allen	RS-1525(7)	Co. Rd. S 500, 2.3 mi. W. NM 44			BLM
87-7-S	65	Sparkman	SP-ETS-1306(201)	4040' Lt. Sta. 860+00, NM 6			
87-8-S	5	Sparkman	SP-ETS-1525(204)	6.5 mi. N. Lumberton	21.8/23.2	6.4, 7.6, 12.5, 11.6 &	Cordova
87-9-S	86	Allen	SP-1-87(605)	Little SA Canyon			
87-10-S	86	Allen	SP-1-87(605)	Road Cut, N.M. 15 @ Mp. 37			
87-11-S	69	Sparkman	WIPP-F-023-3(11)	2555' Lt. Sta. 3616+92			Harley Nickles Bros.
87-12-S	2	Allen	RS-1331(7)	1780' Lt. Sta. 623+15			
87-13-S	118	Sparkman	WIPP-F-023-1(20) WIPP-F-023-2(20)	4.6 mi. S. of Co. Rd. 673			
87-14-S	56	Sparkman	WIPP-F-020-3(6)	1905' Rt. of R/W Sta. 730+15			Perez
87-15-S	4	Nye	SP-S-1352(200)	1905' W. of J-27			
87-16-S	4	Nye	SP-S-1352(200)	3145' W of J-5/J-16 intersection			
87-17-S	52	Sparkman					
87-18-S	43	Sparkman	SP-ETS-1502(201)	690' rt. NM 41, Mp 46.5			
87-19-S	113	Sparkman	SP-ETF-018-1(202)	4235' N. of Co. Rd. 277			
87-20-S	7	Allen	SP-ETF-053-1(203)	1.76 mi. Lt. sta. 1027+64 on N.M. 3			
87-21-S	100?	Allen	SP-ETS-1174(202)	3095 Lt. Mp 61.3 on U.S. 85			
87-22-S	112	Sparkman	IR-010-2(71)130	6.28 mi. rt. Corralitos I-C.			
87-23-S	21	Sparkman	IR-025-6(57)394	9901' Lt. Sta. 1548+63.5			
87-24-S	12/24	Sparkman	F-047-1(8)				
87-25-S	2	Allen	RS-1331(5)	3070' rt. Sta. 623+00			
87-26-S	109	Sparkman	RS-1100(4)	7420' Lt. Sta 325+93.7			
87-27-S	123	Allen	F-013-1(21)	1.34 mi. rt. Mp 1.65 on N.M. 11			
87-28-S	92?	Allen	SP-CF-021-1(208)	2335' Lt. Mp. 296 on U.S. 70			
87-29-S	96	Allen	F-021-3(?)	1770' N. of 1.57 mi. E. Jct. NM 18/US 380			
87-30-S	72	Allen	SP-OF-024-1(201)	3.61 mi. S. Mp. 414, U.S. 70			
87-31-S	108	Allen	RS-1218(5)	Sec. 11, T. 20 S., R. 37 E.			
87-32-S	95	Allen	SP-OF-021-3(203)	.45 mi. W. Mp 1.1 on NM 172			

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE LET.	SURFACE OWNER	
87-33-S	12	Allen	SP-PS-1443(201)	3.7 mi. Rt. Mp 63 on NM 325			
87-34-S	79	Sparkman	SP-OF-019-1(205)	5.0 mi. 380 in Nogal Wash			
87-35-S	73	Sparkman	SP-OF-013-2(210)	SU Canyon Pit		US Forest Service (Gila)	
87-36-S	57	Allen	WIPP-F-020-3(7)	1.6 mi. Rt. R/W Sta. 1559+26.7			
87-37-S	44	Allen	IR-040-5(47)238	1.87 mi. Rt. Sta. 1082.64.2 on I-40			

1988

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE LET.	SURFACE OWNER
88-1-S	62	Sparkman	SP-OF-017-1(201)	19.25 mi. S. Sta. 1281 (Pietown)		
88-2-S	55	Bennett		Railroad ballast pit at Pedernal (tests only, not surveyed)		
88-3-S	12	Nye	SP-PS-1443(201)	4.36 mi. No. N.M. 325, Mp. 63		
88-4-S	30	Allen	WIPP-BRF-F-054-1(3)	Sec. 11, T. 19 N., R. 7 E.		
88-5-S	123	NYE	F-013-1(21)	SE¼ Sec. 25, T. 28 S., R. 9 W.		
88-6-S	20	Sparkman	ST-2420(200)	1845' Lt, Mp 12.25, NM 120		
88-7-S	44	Sparkman	IR-040-4(39) 232	0.81 mi. E. Jct 1.3 mi. N. I-40/NM3 Int.		
88-8-S	102	Allen/LeBlanc	"Owens Rd. Study"	610' Lt. Mp 3.91 on Range Rd. 7, WSMR		
88-9-S	111	Allen	F-015-1(2)	4.4 mi. N. Jct. Co. Rd w. NM 26, Mp 5.15		Byron May CS CATTLE Co
88-10-S	9	Sparkman	SP-05-AS-1456(205)	14 mi± South Hope Jct		
88-11-S	106	Sparkman	SP-OF-BF-023-1203d WIPP-(F)-023-1(21)	Peñasco Ck		BLM
88-12-S	106	SPARKMAN	F-028-2(3)	3½ mi N Artesia Airport (25-16S-25E) (Luna Townsite)		BLM PNIC SWAPP
88-13-S	73	LeBlanc	F-013-2(9)	NW¼SE¼NW¼ NE¼SW¼NW¼ SE¼NW¼NW¼ 6-6S-20W		
88-14-S	106	SPARKMAN	WIPP(P)-023-1(24)	213' N County Road 50 (Blevins Road) S½ SE¼ 36-17S-25E		STATE Conc. BACK...
88-15-S	61	LeBlanc	F-017-1(8) US-60 23.8 mi. E A/NM Line	S½ SW¼ NW¼ SE¼ 13-T2N-R11W S½ NE¼ NW¼ SW¼ SE¼ 13-T2N-R11W		Lee GOVAN
88-16-S	18	SPARKMAN & GONZALEZ	F-052-1(28) Abiquiu	3.6 Mi NW US 84 & NM 554 (old 96) Jct		Ross CASADOS
88-17-S	5	SPARKMAN & GONZALEZ	SP-OF-052-1(209)	2.5 mi SW MP 329.5		PAT D. RUSH
88-18-S	7	SPARKMAN & GONZALEZ	F-056-1(9)	7310' Left R/W STA 120+23 (NENW 16-28N-9E ALSO NW NE) 1.46 mi North NM 39 at		COM
88-19-S	35	LeBlanc	SP-OF-044-1(204) Mosquero	NE¼ 28-T19N-R28E MP 96.95 on County Road		McClung Manuel
88-20-S	20	SPARKMAN	SP-03-1529(200) NM 38-NM 3	2075' N of MP 68.45 - NM 445 (old NM 38)		Dubinina Mary Singleton
88-21-S	43	Heibel & LeBlanc	WIPP-(F)-050-1(5)	3610' E R/W STA 2450+(0?) or SW¼ 17-12N-11E 4.53 mi. South Jct I-40/NM 3 SW¼ 9-8N-11E		Sandoval Ranch) Singleton (Cato Ranch)
88-22-S	56	LeBlanc	IR-040-4(39)232			PACIFIC Western LAND Co (James Shirley)
88-23-S	97	Heibel	SP-05-013-2(209)	BATKA ROAD east of NM-211 near GILA		

1989

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE LET.	SURFACE OWNER	
89-1-S	92	NYE	SP-05-1228(201) RS-1226-(12) RS-1226(10)	Devils Ridge Quarry @ NM 214, 4mi S. Ft Stanton		USFS	
89-2-S	78/79	Heibel		(Fritz) Carrizozo John		Fritz	
89-3-S	118	LeBlanc	WIPP(F) 029-1(20)	2.56 mi East US 285 on Eddy County Road 707 & 729		Robinson	
89-4-S	?		SP-05-1426-1(205)	NM 518 - Forest Service Road			
89-5-S	39	Sparkman	IR-040-2(43) 108	6.7 mi Left R/W STA 250+60 (Rinconada Canyon)		Sanchez	
89-6-S	57	SPARKMAN	WIPP-(F)-020-3(7)	2762 ft Left R/W STA 4100 (Santa Rosa)		Chavez	
89-7-S	42	HEIBEL	SP-05-1504(202)	San Pedro River @ NM 14 · Sandoval County		Bassett	
89-8-S	quarantine	not plotted red on quad sheet	(Hold. Research)	SWNW12 - ?			
89-9-S	34	NYE	Mosquero SP-OF-044-1(204)	5026' Left NM 39 R/W STA 95+00		Ebell	
89-10-S	? soon	Heibel	IR-025-2(48)76	Mud Mountain - 4mi W/ I-25 Sierra County			
89-11-S	32	LeBlanc	SP-05-1426(206)	Kiker Ranch Road - east of Sapello River Mora Grant		Kiker Ranch	
89-12-S	19	LeBlanc	SP-05-1426(204)	R/W Mkr 130+65, right thru USFS Gate		USFS	
89-13-S	? soon	LeBlanc SPARKMAN	set up as needed	Raimosville			
89-14-S			Milan - W.O. Stretch before entering		Failed on soundness	SLO?	
89-15-S	111	Heibel	F-013-1(23)	NM 11 South of Deming		Ocotillo Gravel	
89-16-S	88	Heibel	IR-025-2(48)76	I-25 e T or C		HAWES	
89-17-S	7	Sparkman/LeBlanc	SP-05-1529(200)	7615' West R/W STA 0+00 (MOLYCORP)		MOLYCORP	
89-18-S	39	SPARKMAN	IR-040-2(51) 66	1.55 mi Right of STA 1728+98			
89-19-S	33	Heibel	IR-025-6(161) 381 IR-025-6(60) 376	1.5 mi West I-25 @ MP 385		Fort Sumner Ranch (Monte Bellows)	
89-20-S	21	LeBlanc/Heibel	SP-09-89-1417(201)	Forked Lightning Ranch		Fogelson	Forked Lightning Ranch
89-21-S	44	Heibel	F-041-2(2)	RR Bridge at Tecolote Creek (Tecolote Grant)		Tecolote Grant	
89-22-S	44	Heibel	BP-05-1414(201)	Pecos River @ US 84-85		[illegible] Ranch	
89-23-S	20	Sparkman	SP-05-1433(200)	1020' RT ROW STA 506+25		UU Bar Ranch	
89-24-S	95	LeBlanc	SP-OF-021-2(206)	924' Rt STA 199+18		Capanna Ranch	
89-25-S	96	LeBlanc	F-021-3(4)	1145' East Cotton Spindle Marker 23/24 / 24/25 W C/L US 380		Sawyer Ranch	
89-26-S	31	LeBlanc	RS-1416(1)	±300' South of Entrance Pecos Monument, thence east on hill and		Forked Lightning Ranch	Fogelson
89-27-S	29	Sparkman	SP-OF-058-1(205)	67' Right STA 867+91 (Hold For Future)		Blackjack Timber	
89-28-S	96	LeBlanc	F-021-3(3)	3.13 mi N Jct County 168(LOA) and US 380		Burrus	
89-29-S		LeBlanc	IF-021-3(3)	1.41 mi N US 380 on CR in Sec 17 & 17		Kinsolving	
89-30-S		Sparkman	IR-025-3(43) 180	Roquita		Carrillos	

1990

PIT NO.	QUAD. NO.	SUBMITTED BY	PROJECT NO.	PIT LOCATION	CONTRACTOR DATE LET.	SURFACE OWNER
90-1-S	38	Sparkman L. Blank	IR-040-1(89)60	7.4856 mi Rt 165.723.44 (Jct I-40/NM612)		
90-2-S	[illegible] to spoil	Heibel	IR-025-2(98)76	T or C Airport - old District Pit		
90-3-S	100	Heibel	SP-0F-015-1(202)+(203) SP 03-1174 (203)	South of Cemetary at Hatch Airport Turnoff		
90-4-S	[illegible]	Heibel	IR-010-2(78)115	BLM		

INDEX TO QUADRANGLE MAPS OF THE STATE OF NEW MEXICO

PREPARED BY THE
NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
IN COOPERATION WITH THE
U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

109°00' 30' 108°00' 30' 107°00' 30' 106°00' 30' 105°00' 30' 104°00' 30' 103°00'

LUMBERTON, CHAMA, RATON, SHIPROCK, AZTEC, FARMINGTON, BLOOMFIELD, TIERRA AMARILLA, TRES PIEDRAS, QUESTA, DES MOINES, EAGLE NEST, CIMARRON, CLAYTON, TAOS, SPRINGER, PUEBLO BONITO, CUBA, ESPANOLA, MORA, WAGON MOUND, MILLS, ROY, LOS ALAMOS, JEMEZ SPRINGS, WATROUS, MOSQUERO, SAN YSIDRO, SANTA FE, PECOS, LAS VEGAS, GALLUP, SAN MATEO, MADRID, BERNALILLO, GOLDEN, CONCHAS, GRANTS, TUCUMCARI, ALBUQUERQUE, SANTA ROSA, ACOMA PUEBLO, LOS LUNAS, ATARQUE, ESTANCIA, BELEN, MOUNTAINAIR, ENCINO, VAUGHN, WILLARD, SALT LAKE, MELROSE, FORT SUMNER, CLOVIS, FARWELL, RED HILL, MAGDALENA, GRAN QUIVIRA, CORONA, SOCORRO, PORTALES, HORSE SPRINGS, SAN ANTONIO, BINGHAM, LUNA, APACHE CREEK, RESERVE, CARRIZOZO, CAPITAN, MILNESAND, MOGOLLON, CHLORIDE, ROSWELL, RUIDOSO, TRUTH OR CONSEQUENCES, ENGLE, HAGERMAN, MULE CREEK, TULAROSA, CLIFF, HILLSBORO, CLOUDCROFT, ALAMOGORDO, MAYHILL, ARTESIA, LOVINGTON, SILVER CITY, SANTA RITA, HOPE, HOBBS, HATCH, PIDON, LORDSBURG, DEMING, LAS CRUCES, ORO GRANDE, CARLSBAD, EUNICE, CARLSBAD CAVERNS, JAL, ANIMAS, HACHITA, COLUMBUS

T32S

QUADRANGLE MAPS
OF THE
STATE OF NEW MEXICO

PREPARED BY THE
NEW MEXICO STATE HIGHWAY DEPARTMENT
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U. S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

These maps have been prepared by the New Mexico State Highway Department, Planning Division, in co-operation with the Bureau of Public Roads of the U. S. Department of Commerce.

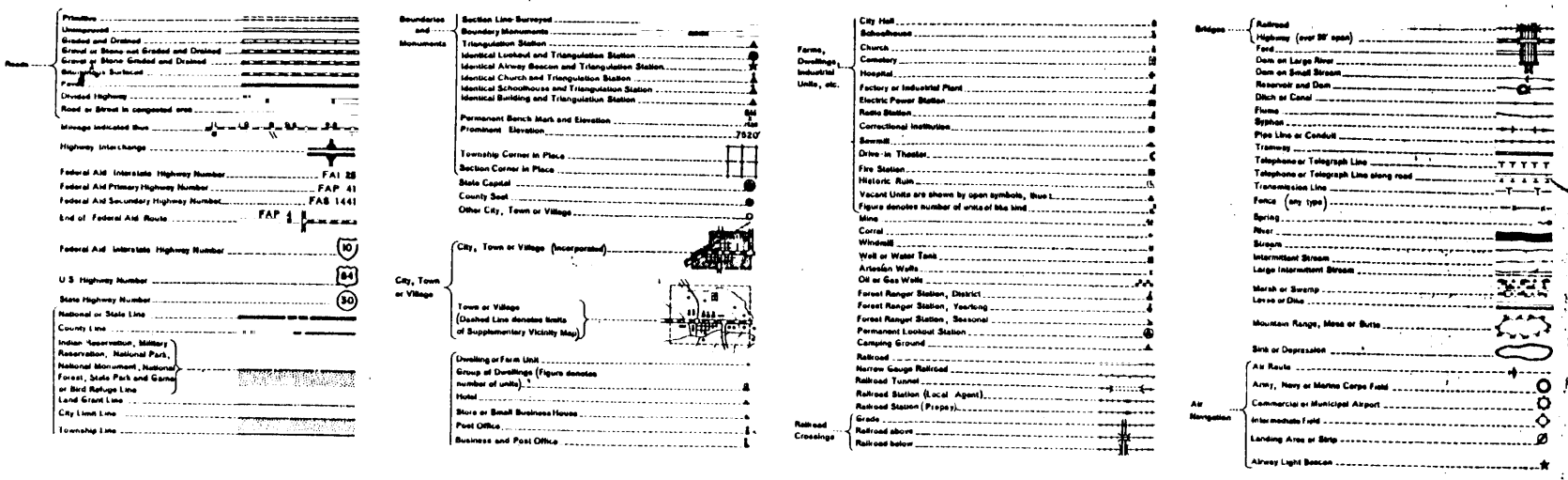
The base for these maps is a compilation, on a modified conic projection, of Bureau of Land Management approved plats of surveys geodetically controlled by Planning Division and U. S. Forest Service ties between numerous township corners and triangulation stations.

Drainage information was obtained from U. S. Soil Conservation Service, U. S. Geological Survey, U. S. Forest Service, U. S. Division of Grazing, and U. S. Bureau of Land Management. Control for the adjustment of aerial drainage to the land survey system was established by field parties of the Planning Division.

Road locations and types, positions of buildings and similar data were obtained by field parties of the Planning Division, using odometer and compass, and adjusted to fit the land survey system and aerial data.

Acknowledgement is made of co-operation and assistance furnished by the United States Forest Service, the Bureau of Land Management, the United States Soil Conservation Service, the United States Geological Survey, the United States Coast and Geodetic Survey, the United States Grazing Service, the New Mexico State Engineer, the various Railroad Companies operating in the State and many other agencies and individuals.

LEGEND



QUADRANGLE NAMES AND NUMBERS

NO.	NAME
1	Shiprock
2	Farmington
3	Aztec
4	Gobernador
5	El Vado
6	Brazos
7	Questa
8	Eagle Nest
9	Cimarron
10	Raton
11	Des Moines
12	Mt. Dora
13	Newcomb
14	Bisti Trading Post
15	Chaco Canyon
16	Lindrith
17	Cuba
18	Abiquiu
19	Taos
20	Black Lake
21	Springer
22	Mills
23	Gladstone
24	Clayton
25	Gallup

NO.	NAME
26	Crownpoint
27	Hospah
28	Cabezon
29	Jemez
30	Espanola
31	Santa Fe
32	Las Vegas
33	Watrous
34	Roy
35	Mosquero
36	Nara Visa
37	Zuni Pueblo
38	Thoreau
39	Grants
40	Laguna
41	Albuquerque
42	Sandia Mountains
43	Lamy
44	Anton Chico
45	Colonias
46	Conchas Dam
47	Tucumcari
48	Logan
49	Atarque
50	Lava

NO.	NAME
51	Acoma
52	Suwanee
53	Belen
54	Manzano Mountains
55	Laguna Del Perro
56	Vaughn
57	Santa Rosa
58	Alamogordo Dam
59	Ragland
60	Grady
61	Salt Lake
62	Quemado
63	Datil
64	Magdalena
65	Socorro
66	Gran Quivira
67	Corona
68	Duran
69	Yeso
70	Ft. Sumner
71	Melrose
72	Clovis
73	Reserve
74	Horse Springs
75	Luera Mountains

NO.	NAME
76	Nogal Canyon
77	San Antonio
78	Sierra Oscura
79	Carrizozo
80	Arabela
81	Macho
82	Acme
83	Elida
84	Dora
85	Glenwood
86	Beaverhead
87	Chloride
88	Elephant Butte
89	Jornada Del Muerto
90	Tularosa
91	Mescalero
92	Lincoln
93	Roswell
94	Hagerman
95	Caprock
96	Tatum
97	Virden
98	Silver City
99	Hillsboro
100	Hatch

NO.	NAME
101	San Andres Mountain
102	White Sands
103	Alamogordo
104	Mayhill
105	Hope
106	Artesia
107	Maljamar
108	Hobbs
109	Lordsburg
110	Separ
111	Deming
112	Cambray
113	Las Cruces
114	Oro Grande
115	Hueco Mountains
116	Guadalupe Mountains
117	El Paso Gap
118	Carlsbad
119	Potash
120	Eunice
121	Rodeo
122	Hachita
123	Columbus
124	Mt. Riley
125	La Union
126	Cloverdale
127	Alamo Hueco Mountains

SEE NEXT PAGE FOR QUADRANGLE INDEX

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
67-32-S	Sand & Gravel	NE¼ 30	31N	18W	Navajo Ind Res.	Apr. 11-68	Jan 1-73	None	19.6	1.8	14-20-0603-1261
56-85-S	Gravel	-	-	-	Indian				-	-	
67-33-S	Sand & Gravel	NE¼ 13 / NW¼ 18	30N / 30N	18W / 17W	Navajo Res.					2.7	
56-13-S	Sand & Gravel	NE 13	30N	18W	Navajo Indian				17.2	-	
56-84-S	Gravel				Indian				-	-	
71-21-S	Sand & Gravel	SW 26, SE 27, N 34, NW 35	30N	17W	Navajo Tribe						
[illegible]-46-S	Sand & Gravel	N½ 36	30N	18W	Navajo Ind.				18.0	- -	
[illegible]-16-S	SAND & GRAVEL	N½ 4	29N	16W.	WHEELER						
[illegible]-17-S	SAND & GRAVEL	N½ 4	29N	16W.	ROGERS						
[illegible]-5-S & EXT.	SAND & GRAVEL	4, 5, 8, 9	29N	17W	NAVAJOS						
78-28-S	SAND & GRAVEL				NAVAJO						

EXIC TE H Y DE MEN

PLANNING DIVISION
BUREAU OF PUBLIC ROADS

SHIPROCK
RA
SAN JUAN COUNTY

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

COLORADO
NEW MEXICO

NAVAJO INDIAN RESERVATION

UTE MOUNTAIN INDIAN RESERVATION

T.32N.
T.31N.
T.30N.
T.29N.
T.28N.
T.27N.

MANCOS RIVER
SAN JUAN RIVER
END FAS
FAS(34)
Shiprock
Hogback
Table Mesa
Beclabito
Red Rock
Mexican Water
Newcomb
Toadlena
Two Grey Hills
Sheep Springs
Bloomfield
Farmington
Aztec
Durango
Cortez

504 550 666 789

ARIZONA
NEW MEXICO

Compiled by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division. Modified Conic Projection Standard Parallel 1st North American Datum

13

Longitude West from Greenwich

Scale 1/190080 or 1 Inch = 3 Miles

STATUTE MILES

SHIPROCK
QUADRANGLE
1

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
87-12-S	Sand & Gravel	NE 22	31N	13W	Nichols Bros						
87-25-S	Sand & Gravel	SW 14	31N	13W	Huggins						
87-2-S	Sand & Gravel	17	30N	13W	Kennard						
85-8-S	Sand & Gravel	1	29N	14W	BLM						
82-23-S	Sand & Gravel	E½ 10	29N	14W	US Govt.						
82-22-S	Sand & Gravel	E½ 36	30N	14W	State						
82-21-S	Sand & Gravel	SE¼ 36	30N	14W	State						
75-9-S	Sand & Gravel	NW¼ 5	29N	15W	Dos Marias						
74-1-S	Sand & Gravel	S½ 32	30N	15W	Hunt						
64-15-S	Sand & Gravel	NE¼ 29	30N	12W	Govt.				22.0	-	
64-71-S	Sand & Gr	NW 28	30N	12W	Ayers				19.2	0.7	
56-17-S	Sand & Gravel	NW¼ 7	29N	13W					-	-	
72-13-S	Sand & Gravel	SW¼ 33	30N	15W	Public Service Co.						
56-38-S	Sand & Gravel	NW 1	29N	13W	City Farmington				19.6	-	
72-10-S	Sand & Gravel	SW¼ 2	29 N.	14W	State						Extension 3-29
57-67-S	Sand & Gr	NW 13	29N	13W	Watson				26.0	-	
72-9-S	Sand & Gravel	N½ 12	29 N.	15W	?				21.0	2.0	
57-116-S	Gravel	NW 20 SW 18	29N	13W	Garland				21.2	1.3	
60-45-S	Gravel	N² 17	29N	13W	Walker				22.0	3.4	
61-45-S	Sand & Gravel	NW 19	29N	12W	Bennett Dustin				26.8	5.0	
61-46-S	Sand & Gr.	SE 20	29N	12W	Gout				18.4	6.2	
61-42 S	Sand & Gr.	SE 23	29N	12W	Gout				20.4	3.1	
72-12-S	Gravel	SE¼ 12	29 N.	14 W.	Mistralla						
74-2-S	Sand & Gravel	SW¼ 34	30 N	15 W.	Western Mining & BLM						
77-11-S	SAND & GRAVEL	SE¼ 13	29 N	14W	NAVAJOS						
77-14-S	SAND & GRAVEL	NE¼ 32 NW¼ 33	29 N	11 W	DON MANGUM						
77-15-S	SAND & GRAVEL	SW¼ 33	29 N.	11 W	DON MANGUM						
79-8-S	SAND & GRAVEL	SE¼ 33	29 N.	12W	B.L.M.						
81-11-S	SAND & GRAVEL	N² 13	29 N.	14W	NAVAJOS						
95-6-S	" "	S² 17	29 N	11 W	BLM						
87-6-S	" "										

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

FARMINGTON QUADRANGLE - 2
SAN JUAN COUNTY

R.16W. R.15W. R.14W. R.13W. R.12W. R.11W.

COLORADO
NEW MEXICO

T.32N. T.31N. T.30N. T.29N. T.28N. T.27N. T.26N.

UTE MOUNTAIN INDIAN RESERVATION

SAN JUAN RIVER

NAVAJO INDIAN RESERVATION

Ignacio 15 mi
Durango 45 mi
Aztec 14 mi
Bloomfield 20 mi
Shiprock 54 mi
Gallup 108 mi
Albuquerque 180 mi

Waterflow
Fruitland
Kirtland
FARMINGTON
POP. 23786
Flora Vista
Jackson Lake
Jewett Gap
Azimuth
Gallegos
Pyramid
Standard
Seventh

87-12-5
87-2-3
87-22-5
87-21-5
87-13-5
87-14-5
87-23-5
87-24-5
87-25-5
87-26-5
87-27-5
87-28-5
87-29-5
87-30-5
87-31-5
87-32-5
87-33-5
87-34-5
87-35-5
87-36-5

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division. Modified Conic Projection Standard Parallel 34½° North American Datum

Longitude West from Greenwich

Scale 1/63360 or 1 Inch 1 Miles

STATUTE MILES

FARMINGTON - QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
64-52-S	Sand & Gr.	NE 18	32N	7W	Bur. Reclam				20.8	1.4		
59-42-S	Soil & Gravel	SE 5	31N	10W	Abrams.				-	1.6		Not Rep.
59-43-S	Gravel	SW 4	31N	10W	Govt.				20.0	3.3		
59-110-F	Sand.								-	—		Not Rep
58-42-S	Gravel	NE¼ 35	31N	11W	Wallace Riecke				22.8	—		
59-40-S	Soil & Gravel	SE 3 NE 10	30N	11W	Govt.				19.6	3.8 2.9		
59-109-F	Silt & Sand	SE 10	30N	11W	Govt.				—	—		
64-49-S	Sand & Gravel	SE 36 SW 31	31N	8W 7W	State.	6-8-66	6-8-67	25¢ Yr.	22.4	5.1	SHD 6334 M-14833	
62-7-S	Sand.	SW 11	30N	11W	Govt							
84-9-S	Sand & Gravel	S½ 15&16	30N	8W	BLM							
65-49-S	Sand & Gr.	SW 16	30N	8W	State.				-	1.6	—	
62-8-S	Sand	22	30N	10W	Govt							
62-9-S	Sand	22	30N	9W	Govt							
64-53-S	Sand & Gr.	SE 15	30N	8W	Govt.				18.4	2.9		
64-10-S	Sand & Gr.	19	30N	8W	Govt				19.6	5.6		
57-60-S	Sand & Gr	NE 30	30N	8W	Colo. River Storage.				21.2	-		
84-8-S	Sand & Gr.	W. 13	29N	10W	BLM							
79-10-S	SAND & GRAVEL	SW 25	29 N.	11W								
57-149-S	Gravel	NW 17	29N	9W	Govt				19.6	-		
77-13-S	SAND & GRAVEL	SW 28	29N	11W	B.L.M.							
59-70-S	Gravel	SW 27	29N	11W	Govt				18.0	0.6		
82-24-S	SAND & GRAVEL	N½ SW¼ 8	29 N	9W	E. ATENCIO E. B. VALENCIA							

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

AZTEC QUADRANGLE

SAN JUAN & RIO ARRIBA COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.32N. T.31N. T.30N. T.29N. T.28N. T.27N. T.26N.

AZTEC RUINS NATIONAL MONUMENT

CEDAR HILL

FARMINGTON

AZTEC

FRUITLAND

TURLEY

BLANCO

HILLTOP FIELD

HART MESA

MANZANARES MESA

BURN MESA

SAN JUAN COUNTY

RIO ARRIBA COUNTY

Hollis Pass

Chaco Canyon - 16

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division - Modified Conic Projection Standard Parallel 36°, North American Datum

Longitude West from Greenwich

Scale 1/190080 or 1 Inch = 3 Miles

DATE OF INVENTORY
RIO ARRIBA COUNTY 1959
SAN JUAN COUNTY 1961

AZTEC QUADRANGLE

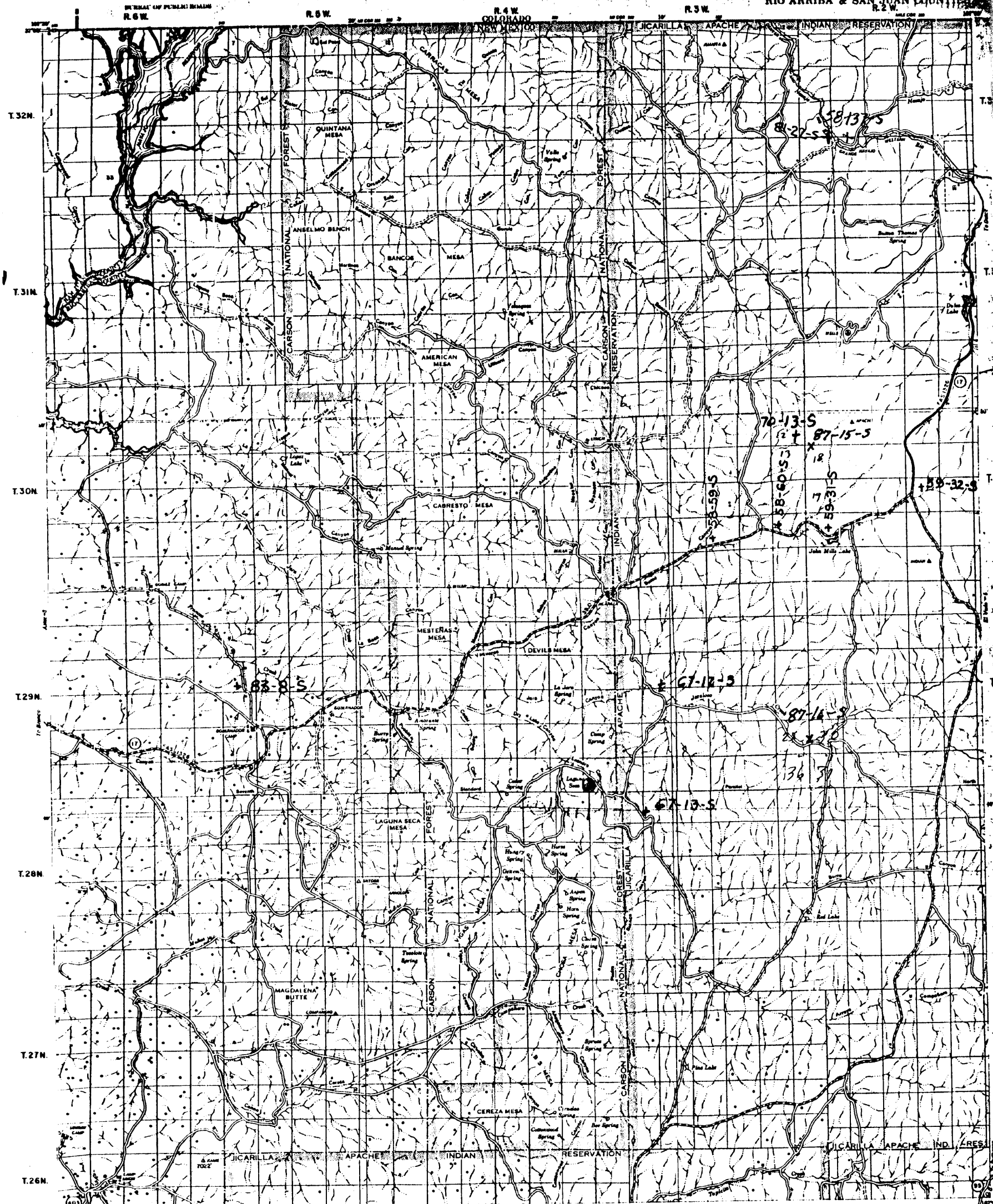
15

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-137-S	Sand & Gravel	29 32	32N	2W	Jicarilla Apache Res.	Oct. 26-66	Aug. 31-67	10¢ C.Y.	24.4	-	87528
81-22-S	SAND & GRAVEL	30 31	32N	2W	JICARILLA RES				32.2/9.1	20.4/21.9	
87-15-S	Monzonite?	SW 18	30N	2W	Jic. Res.						
58-59-S	Sand	SW¼ 27	30N	3W	Jic. Apache				27.6	-	
58-60-S	Sand	NW¼ 25	30N	3W	" "				-	-	
70-13-S	Andesite	12	30N	3W	" "				26.0		
59-31-S	Sandstone	Jicarilla Res.			Jicarilla Apache.				-	-	
59-32-S	(No Information)								-	-	
B3-8-S	Sandstone	SW¼ 18	29N	5W	B.L.M.						
87-16-S	Monzonite? dike	25/30	29N	3W 2W	Jicarilla Res.						
87-12-S	Sand & Sandstone	SE¼ 17 NE¼ 20	29N	3W	Jicarilla Apache						?
87-13-S	Sandstone	SW¼ 5 SE¼ 6	28N	3W	Jicarilla Apache						?

NEW MEXICO STATE HIGHWAY DEPARTMENT

GOBERNADOR QUADRANGLE

RIO ARRIBA & SAN JUAN COUNTIES



Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division, Albuquerque Civic Projection Standard Parallel 36th° North American Datum

Longitude West from Greenwich

Scale 1/190080 or 1 Inch = 3 Miles

STATUTE MILES

DATE OF INVENTORY
RIO ARRIBA COUNTY 1959
SAN JUAN COUNTY 1961

GOBERNADOR QUADRANGLE
4

16

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-63-S	Gravel	NE¼ 30	32N	1W	Jic. Apache				20.8	-	
58-136-S	Sand & Gr.	SE¼ 20	32N	1W					-	-	
64-54-S	Sand & Gr.	NE 30	32N	1W	Jicarilla Apache				20.4	8.4	
59-111-S	Sand & Gr	NW 29	32N	1W	" "				21.2	3.4	
66-48-S	Sand & Gr.	T.A. Grant			Quarles et al				18.8	8.3	
76-16-S	Sand & Gravel	SW¼ 15	32N	1W							
82-26-S	Sand & Gravel	I. A. Grant	31N	3E	Le Roy E. Hall						
84-12-S	Sand & Gravel	T. A. Grant	31N	3E	Leroy E. Hall						
87-8-9	Sand & Gravel	SE 10	32N	1W	Cordova				21.8/23.2	6.4, 7.6, 12.5 8.0, 11.6	
88-17-S	SAND & GRAVEL	TA Grant. 1h Rio Chama 2.5mi SW MP 89.5 (TA Grant)			Ross Cabaddo				28.1, 29.4, 26.4	0.8, 0.5, 3.2	
58-91-S	Sand	(No. Sketch)							-	-	
70-12-S	Sand	T.A. Land Grant			Don. Beach	?		7¢ Ton	20.0		
70-14-S	Gravel	TA. Grant	29N	3E	Daniel Rivera	June 8-70	June 8-75	7¢ Ton	21.6		
70-15-S	Sand & Gravel	TA Grant	29N	2E.	Thompson						
65-64-S	Sand & Gr.	TA Grant			Kase & Thompson				29.2	3.1	
70-2-S	Sand & Gravel	T.A. Grant			M.R.G.C. Dist				24.8	3.5 4.6	
60-51-S	Sand & Gr.	TA Grant			Faris				-	6.6	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

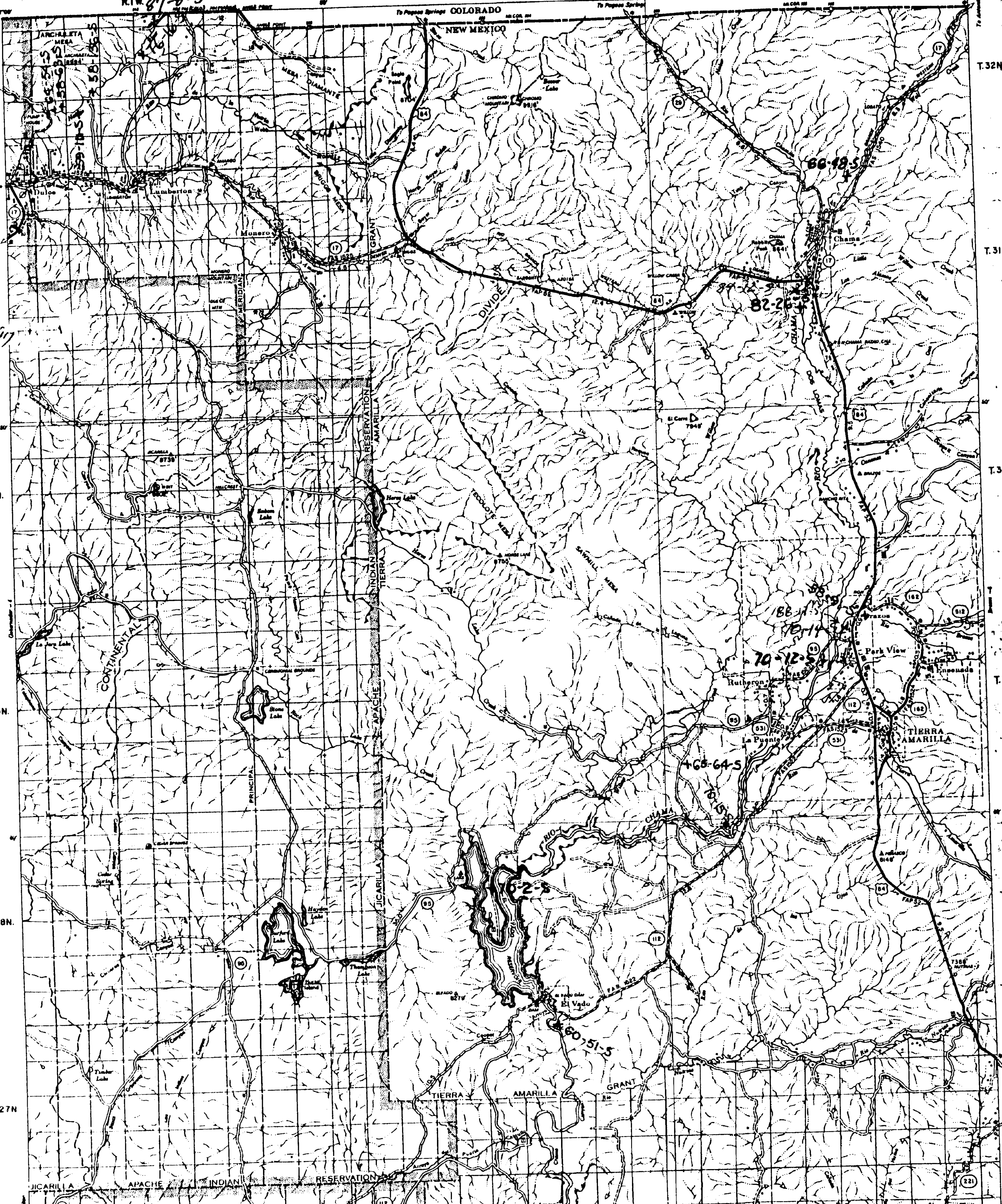
BUREAU OF PUBLIC ROADS

EL VADO QUADRANGLE-5

RIO ARRIBA COUNTY

87-8-5

16-16-S
...eed pit?"
...owned by
...ace Cordova
...en. Del.
...umberton 87547
...es behind Lumb.
...st Office or
near pit
...sh Ralph
...allegos, Patrol
foreman"



R.1W. R.1E. R.2E. R.3E. R.4E.

Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Planning Division. Modified Conic Projection Standard

Longitude West from Greenwich

Scale 1/190080 or 1 Inch - 3 Miles

EL VADO
QUADRANGLE
5

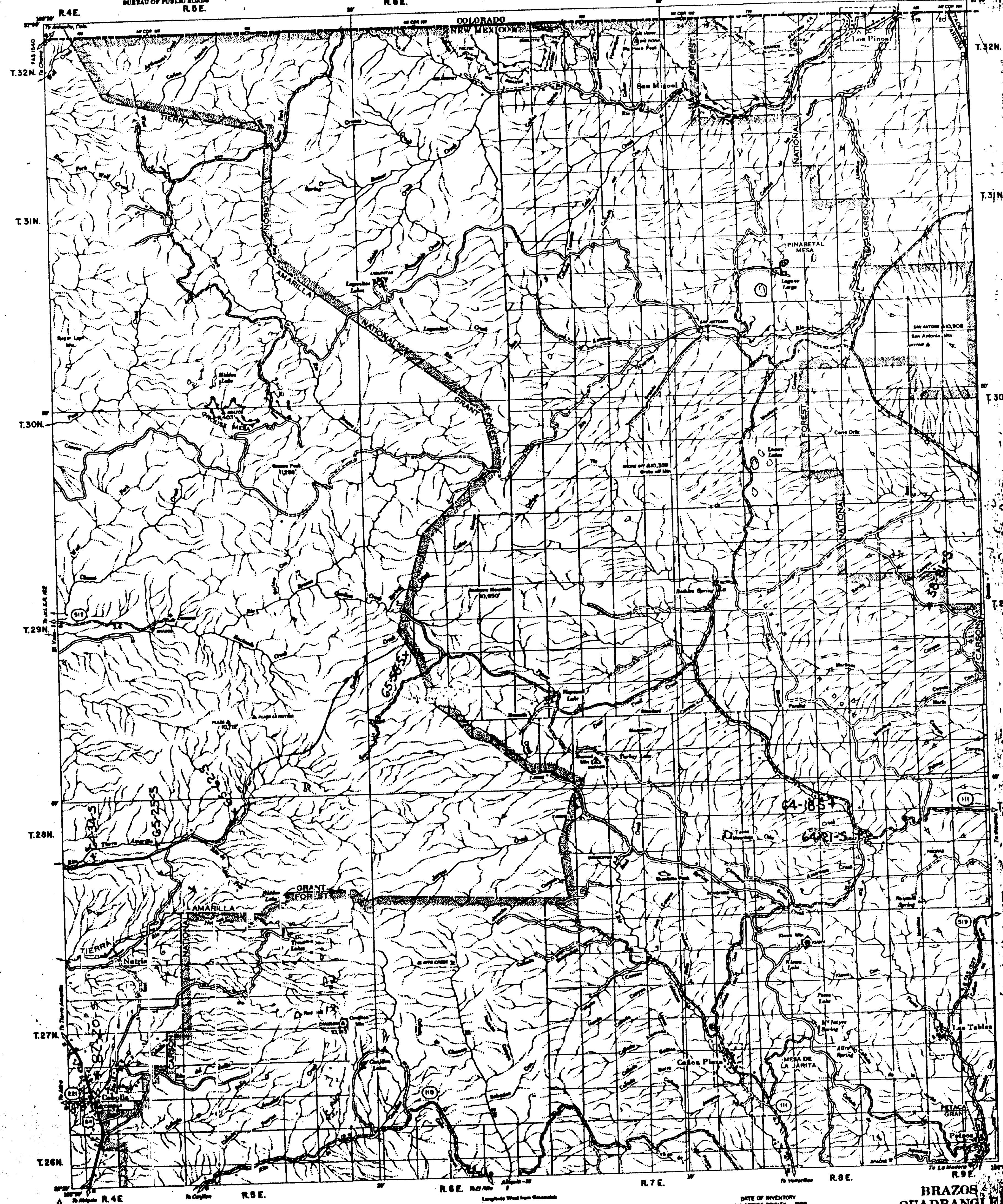
17

NEW MEXICO STATE HIGHWAY DEPARTMENT

P IG DIV

BUREAU OF PUBLIC ROADS

QUADRANGLE -6



BRAZOS QUADRANGLE

Longitude West from Greenwich

Scale 1 Inch - 3 Miles

DATE OF INVENTORY
RIO ARRIBA COUNTY 1959
TAOS COUNTY 1959

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-81-S	Sand & Gravel	SE¼ 18	29N	9E	Forest.				-	-	
65-58-S	Quartsite	Tierra Amarilla Gr.			Madrigal				43.6	1.42	
65-62-S	Sand & Gravel	T.A. Grant			Marbege Bros				38.0	2.1	
65-25-S	Silt, Sand & Gr	T A Grant			" "				32.2	2.0	
64-34-S	Sand & Gr.	" "			Garcia				43.2	3.3	Wet Pit
64-18-S	Sand & Gr.	S²1S	28N	8E	Griego				33.2	12.1	
64-21-S	Gravel	SW 23	28N	8E	Valdez						
82-20-S	SAND & GRAVEL	NW¼ 26	27 N.	4E	MAES						

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
59-26-S	Sand & Gravel	NW¼ 32	33N	9E	Romero	In Colorado			22.0			
56-102-S	Sand & Gravel	Grant			Smith				26.0	-		
66-28-S	Sand & Gravel	Sangre de Cristo Grant			(Bryant) Questa Const. Co.	July 1st 66	None	7¢ Ton	23.6	7.2		
88-18-S	SAND & GRAVEL	NENW 16	28N	9E	PAT RUBN				26.6, 27.6, 32.4	9.7, 3.7-11.0		
89-17-S	SAND & GRAVEL	SWV4 25	29N	12E	MAY CORP					11.3, 10.8, 6.6		
66-39-S	Sand & Gravel	E² 6	29N	13E	Ryan (State)				18.0	7.7		
58-78-S	Coarse Sand	NE¼ 10	29N	9E	Goldfield				—	-		
58-79-S												
59-101-F	Mine Waste.	SW 15	29N	9E	Great Lakes Carbon Corp.				—	—		Not Rep
87-20-S	Sand & gravel	21	28N	12E	Felipe Ortega							
56-68-S	Sand & Gravel	SW 11	27N	9E	Espanola				—	—		
58-76-S	Sand & Gravel	SW¼ 11	27N	9E	Espanosa.				—	—		
61-7-S	Gravel	NE 3	26N	11E	Kirby				26.0	3.9		
85-7-S	Sand & Gravel	Taos Pueblo Tract D	26N	12E	Taos Pueblo							

+ [illegible] 66-5

NE[illegible] XICO [illegible] HIG[illegible] DEP[illegible] ENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

SP. 03-1529 (201) - 87-70

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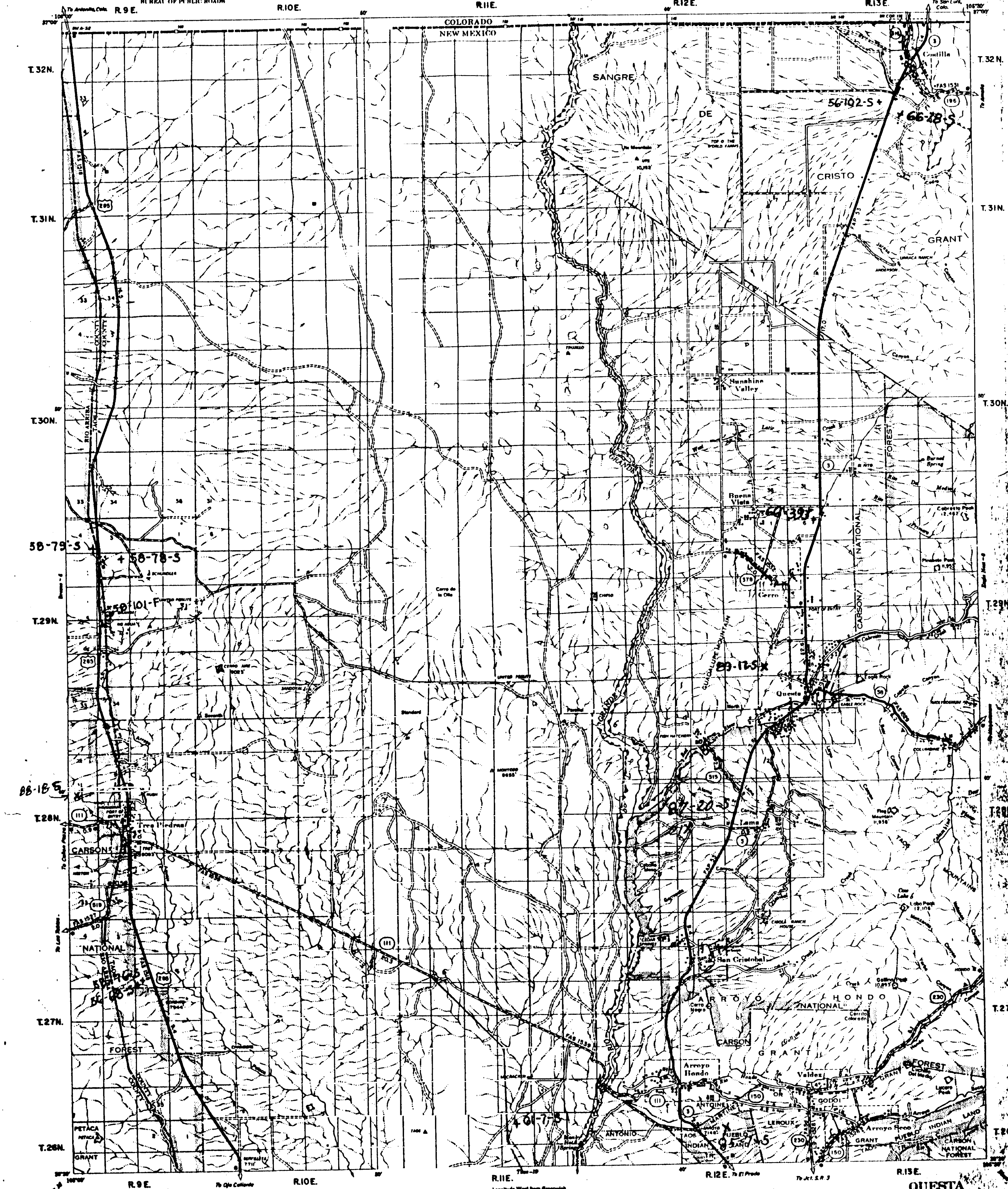
QUADRANGLE 7

RIO ARRIBA & TAOS COUNTIES



Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Planning Division—Modified Conic Projection Standard

19

DATE OF INVENTORY
RIO ARRIBA COUNTY 1959
TAOS COUNTY 1959

QUESTA
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
60-27-S	Sand & Gravel	Carson Nat. For.			Forest					9.8		
60-31-S	Sand & Gr.	"	"	"	Forest				26.0	11.8		
66-29-S	Sand & Gravel		Forest		Forest				25.2	20.9		Wet Pit
78-40-S	SAND & GRAVEL	MAXWELL GRANT			MUTZ						CHEM: SiO_2 : 70.0% $MgCO_3$ = 2.21%	
71-9-S	Sand & Gravel	Maxwell Grant			Mutz							
58-86-S	Sand & Gravel	Maxwell Grant							21.2	-		
64-24-S	Gravel	Maxwell Grant			Mutz.				22.6	9.3		
82-16-S	SAND & GRAVEL	MAXWELL GRANT			GANT							
82-17-S	SAND & GRAVEL	MAXWELL GRANT			BOYD							
82-18-S	SAND & GRAVEL	MAXWELL GRANT			VILLAGE OF EAGLE NEST							

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLAN IVBSIC

BUREAU OF PUBLIC ROADS

EAGLE NEST QUADRANGLE

COLFAX & TAOS COUNTIES

R.14E. R.15E.

COLORADO

NEW MEXICO

T.30N.

T.29N.

Amalia

Red River

Molybdenum

Eagle Nest

CIMARRON

CANYON

Ute Park

PHILMONT

SCOUT

RANCH

WILSON MESA

Idlewild

Cieneguilla Lake

Davis Lake

Aspen Lake

CARSON NATIONAL FOREST

SANGRE DE CRISTO

GRANT

MAXWELL

ANTONIO MARTINEZ OR GODDI GRANT

WILD LIFE AREA

60-31-S 66-29-S

82-13-S 82-18-S

82-16

88-06-S 64-24-S 71-9-S & 78-40-S

R.14E. R.15E.

Scale 1 inch = 3 Miles

DATE OF INVENTORY

TAOS COUNTY 1951

COLFAX COUNTY 1950

EAGLE NEST QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-13-S	Sand & Gravel	Martell Land Co			CS Co	Apr 2 66		None	7¢ Ton	27.6	22.?
66-15-S	Sand & Gravel	SE 16	27N	21E	Messick						
66-5-S	Sand & Gravel		27N	23E	Kuchan Est.	Feb. 22, 66		None	7¢ Ton	25.6 32.0 35.2; 34.2	12.6 6.9; 8.9
88-10-S	Sand & Gravel										
67-6S-S	Sand & Gr.	32	27N	26E	LVS Land					32.4	
67- 7-S	Sand & Gravel	16 13 12		21E 21E	CS Co	Feb 23-67		New	7¢ Ton	31.6	15.8
67- 8-S	Sand & Gravel	13	27N	21E	CS Co	Feb 23-67		None	7¢ Ton	28.0	16.5
67- 9-S						Exploration only (No sketch)				34.0	26.0
67-10-S	Sand & Gravel	10	26N	19E	Mayfield	late				29.6	21.8

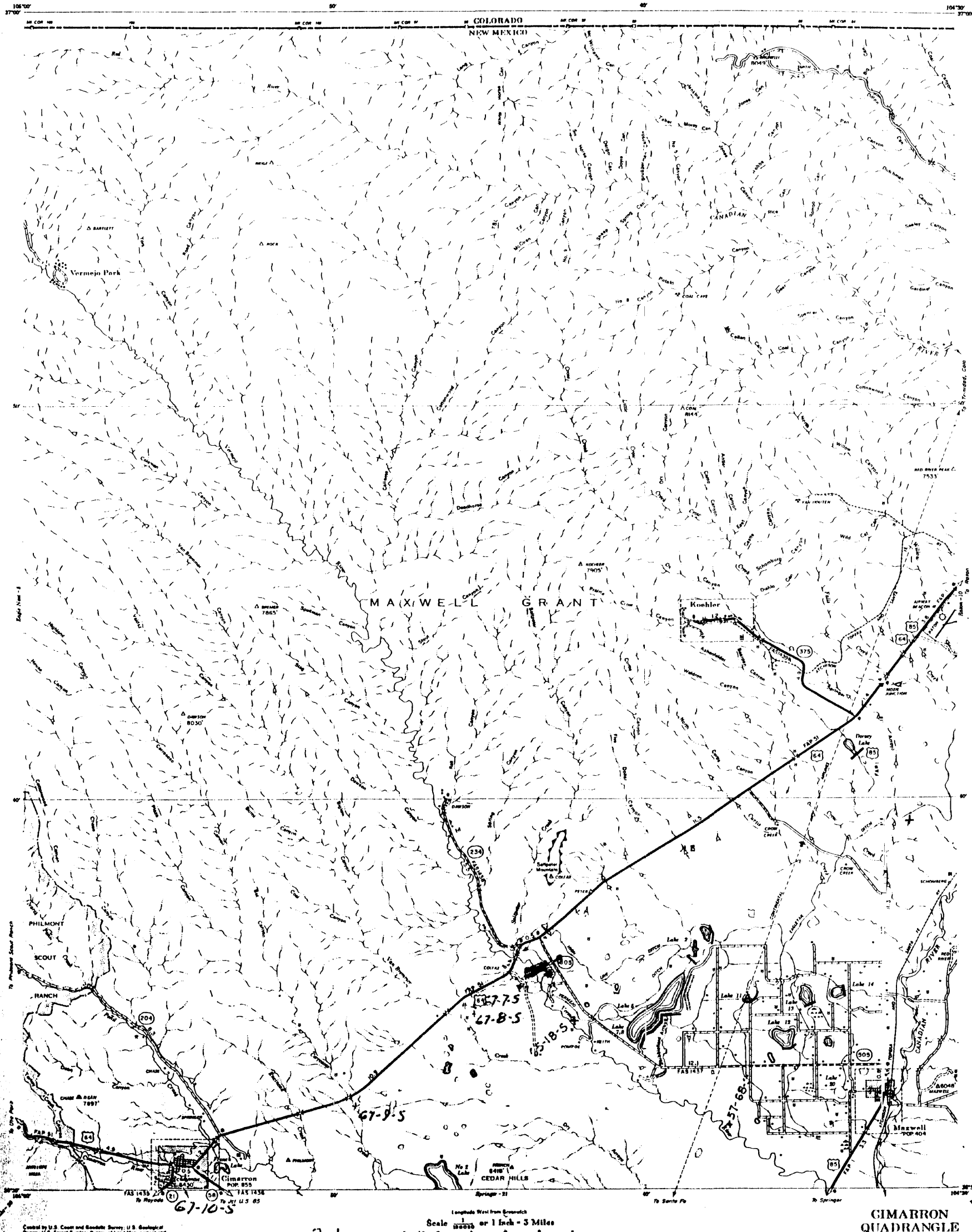
NEW MEXICO STATE HIGHWAY DEPARTMENT

NING ON

BUREAU OF PUBLIC ROADS

CIMARRON QUADRANGLE-9

COLFAX COUNTY



Created by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division—Modified Conic Projection Standard Parallels 36°, North American Datum

Longitude West from Greenwich

CIMARRON QUADRANGLE

9

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
83-5-S	Andesite	Maxwell Grant	32 N	23 E	Myers						
57-73-S	Sand & Gr.	NW 14	31N	24E	Vit				32.0	-	
57-74-S	Soil & Gr.	20	31N	24E	Linewood Est				36.0	-	
62-25-S	Sand & Gravel	Maxwell Grant			Vanbuskirk				30.0	12.7	
62-14 SC	Sand & Gr.				Stockton						
61-36-S	Sand & Gr.	Maxwell Grant			Stockton				22.0	18.0	
61-37-S	Sand & Gr.	"	"		Stockton					22.7	
58-89-S	Sand & Gr.	"	"	"	Stockton				28.0	13.1	
56-26-S	Sand & Gr.	Maxwell Grant			Stockton				28.8	-	
59-119-F	Sand	SE 14	30N	23E	Wright				—	—	
65-63-S	Sand & Gr.	Maxwell Grant			Stockton Moore				26.4	22.2	
62-28-S	Andisite	SW 25	30N	24E	Gunnin				20.0	4.2	
62-29-S	Andisite	NW 36	30N	24E	State.				34.8 25.0	5.0 4.2	
61-8-S	Basalt	W 23	29N	27E	King				16.8	1.0	
57-56-S	Sand	NE 14	28N	27E	Wheeler				—	—	
61-9-F	Sand	NE 14	28N	27E	Wheeler Kennedy						old 57-56-S
66-16-S	Monzonite	NE 1	27N	24E	Trujillo	Apr. 7, 66	None	7¢ Ton		2.8	
66-6-S	Monzonite	NE 1	27N	24E	Trujillo	Apr. 7, 66	None	7¢ Ton	20.4	3.0	
68-2-S	Monzonite	S½ 6	27N	25E	No	Stockpile			28.8	4.0	
82-27-S	Basalt	NW 13	31 N	24E	Sproule Pueblo Pave. Co.						
82-28-S	Basalt	SW 22	30N	25E							

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

ON QUADRANGLE-10
COLFAX & UNION COUNTIES

R.24 E. R.25 E. R.26 E. R.27 E.

T.32N. T.31N. T.30N. T.29N. T.28N. T.27N. T.26N.

COLORADO
NEW MEXICO

RATON
POP. 8,241

JOHNSON MESA

FOLSOM
STATE MON.

GRANT

HARMEL

82-5-S
82-27-S
82-28-S
62-25-S+
62-14-S
61-31-S+
61-36-S+
58-84-S+
56-26-S+
59-19-F+
62-68-S
62-29-S
61-8-S+
61-9-F+
57-56-S+
68-2-S

Scale 1/253440 or 1 Inch = 3 Miles

DATE OF INVENTORY
COLFAX COUNTY 1938
UNION COUNTY 1937

RATON
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
69-57-S	Gravel & Caliche	36	32N	28E	State	Canceled	Nov. 9-66		23.6	11.5	M-[illegible]
77-2-S	Basalt Boulders	NE4 7	30 N.	29E	Doherty						
58-104-S	Soil & Gravel	29	30N	29E	Green				—	—	
58-108-S	Volcanic Gravel	SE4 23	30N	29E	State		Cancel June 16, 1966		24.2	1.4	SHD 4938 M-14425
58-109-F	" Sand	23	30N	29E	State				—	-	
57-57-S	Basalt & Sand	N2 20	29N	28E	Snead				22.0	-	
73-4-S	Basalt	NE4 26	29 N	29E	Smith						
56-81-S	Caliche	NW 5	28N	31E	Morgan				—	-	
73-5-S	Gravel	NE4 NW4 1	28N	29E	Doherty Invest. Co.						
73-6-F	Sand	NW4 7	28 N.	31 E.	Pryor						
59-106-F	—	SE 13	28N	31E	—				—	—	
58122-F	Blow Sand.	NW4 22	28N	32E	Rogers				—	—	
57-112-S	Caliche	NW 29 NE 30	28N	31E	Morgan Est				30.0	-	
56-42-S	Malpia	NW 6	27N	31E	Hays				44.0	-	
56-27-S	Sand & Gr.	SE 31	28N	32E	Irwin				—	-	
58-133-F	Sand.	NE4 1	27N	31E	Erwin				—	—	
57-111-F	Sand.	29	27N	31E	Sink				—	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

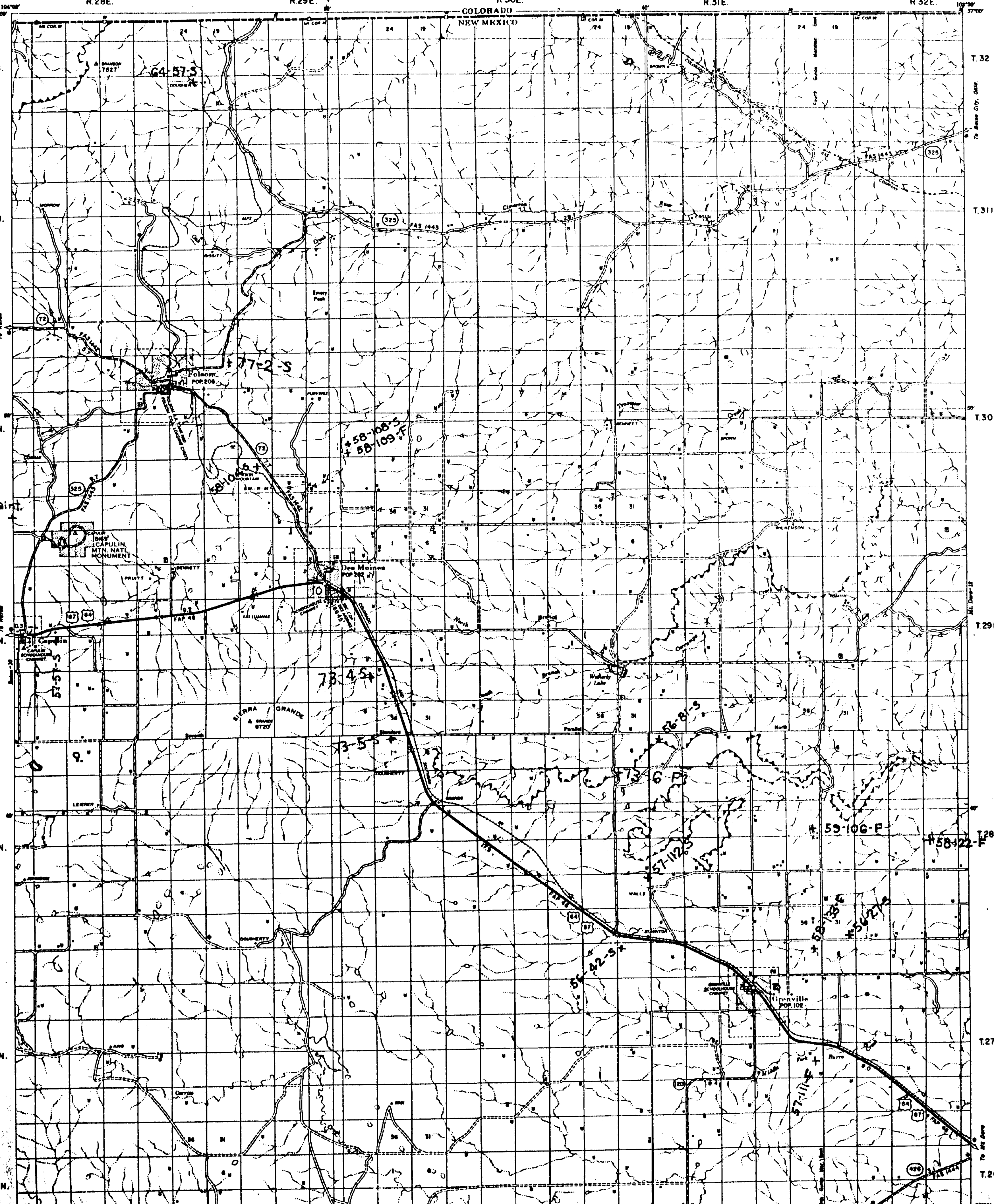
PLANNING DIVISION

BUREAU OF PUBLIC ROADS

DE   OINE

QUADRANGLE-11

UNION COUNTY



DES MOINES

QUADRANGLE

Longitude West from Greenwich

Scale 1/190080 or 1 Inch = 3 Miles

23

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
87-33-S	Basalt	32	32N	36E	~~State~~ State						
56-60-S	Malpia	E½ 7	31N	37E	Wiggins				–	–	
56-61-F	Sand	NW 32	31N	37E	Wiggins				–	–	
77-6-S	Sandstone	SW¼ 23	31 N.	36E	Massell	Rip-rap Source					
88-3-S	basalt	NW¼ 33	32N	36E	Smiles				1.3, 0.7, 8.3		
87-24-S	BASALT	W½ 7	26N	36E	Bill Booth				17.1 - 26.6 21.4	2.0, 0.2, 0.8	
56-43-S	Caliche	SE 22	29N	36E	Harris				36.0	–	
64-32-F	Sand	SE 36	28N	33E	State						
64-27-S	Basalt	SE 11	26N	33E	State					1.1	
64-30-F	Sand	W½ 10	26N	34E	Dortchnioff				–	–	
64-35-S	Basalt	SW¼ NW¼ 10	26N	33E	Kline				23.2	2.0	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

MT. DORA
QUADRANGI
UNION COUNTY

COLORADO
NEW MEXICO

R.32E. R.33E. R.34E. R.35E. R.36E. R.37E.

T.32N. T.31N. T.30N. T.29N. T.28N. T.27N. T.26N.

FAS 1448 FAS 1445 FAS 1446

328 370 87 64

Clayton Lake

Mt. Dora

Seneca

Rabbit Ear Mtn.

Clayton 9262'

Mt. Dora 6290'

Seneca 4922'

Rabbit Ear Mtn. 5469'

Clayton Air Base 5441'

Boise City, Okla.

To Clayton

To Jct U.S. 56, 64

To Boise City, Okla.

NEW MEXICO
OKLAHOMA

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

MT. DORA QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-18-S	SAND & GRAVEL				NAVAJO						
58-47-S	Sand & Gravel	(Not Sectionalized)			Navajo Ind				46.0		
76-2-S	Sand & Gravel	(Not Sectionalized)			Navajo						
75-6-S	Sand & Gravel	(Not. Sectionalized)			Navajo				48.6		
74-12-S	Sand & Gravel		22N	18W	Navajo Tribe.						
69-12-S	Sandstone & Gravel	Not Sect.	21N	17W	Navajo Ind.				49.6	21.6	

NEW MEXICO STATE HIGHWAY DEPARTMENT

NG DIV
BUREAU OF PUBLIC ROADS

QUADRANGLE 13

SAN & McKINLEY COUNTIES

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T.26N. T.25N. T.24N. T.23N. T.22N. T.21N.

78-18-S

76-25-S

78-47-S

77-9-S

75-6-S

69-12-S

Sanostee

Toadlena

Newcomb

Tsaile

Naschitti

Sheep Springs

Crystal

Washington

Little White Corn Lake

Black Lake

Hidden Spring

Black Rock Spring

Round Spring

Theodore

Standard

Parallel

South

Ford Butte 6151'

Beautiful Mtn. 9365'

Two Gray Hills

ARIZONA
NEW MEXICO

SAN JUAN COUNTY
MCKINLEY COUNTY

Scale 1/62500 or 1 inch = 3 Miles

DATE OF INVENTORY
SAN JUAN COUNTY 1961
MCKINLEY COUNTY 1955

NEWCOMB
QUADRANGLE
13

25

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
80-4-S	SANDSTONE	S½ 22	26N	14W.	NAVAJO NAT.						
80-8-S	SANDSTONE	NE¼ 27	26 N	14W.	NAVAJO NAT.						
81-23-S	RED DOG	NAVAJO RES.	23 N	14W	NAVAJOS		FOR SUBBASE ONLY				
81-24-S	RED DOG	NAVAJO RES.			NAVAJOS		FOR SUBBASE ONLY				
61-11-S	Gravel	NW 26	22N	13W	YTAHNABAH			34.0			
61-10-S	Baked Sandstone Shak	31	22N	13W	Navajo			40.0	6.0		

MEXICO STATE HIGHWAY DEPARTMENT

ANNIN ION

BUREAU OF PUBLIC ROADS

BISTI TRADING POST QUADRANGLE 14

JAN . & Mol Y CO S

R.15 W. R.14 W. R.13 W. R.12 W. R.11 W.

T.26N. T.25N. T.24N. T.23N. T.22N. T.21 N.

80-4-S

80-8-S

81-23-S

81-24-S

61-19-S

61-1-S

RESERVATION

INDIAN

CANYON

CHACO CANYON NATL. MONUMENT

CHACO

Longitude West from Greenwich

Scale 1/250000 or 1 Inch = 3 Miles

DATE OF INVENTORY
SAN JUAN COUNTY 1961
McKINLEY COUNTY 1955

BISTI TRADING POST
QUADRANGLE
14

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-29-S	SANDSTONE	NW¼ 16	23 N.	7W	STATE						
78-31-S	SANDSTONE	NW¼ 7 NE¼ 12,	23 N 23 N	7W 8W.,	B.L.M.						

NE[illegible]EXICO STATE HIGH[illegible]AY DEPA[illegible]NT

PLANNING DIVISION
BUREAU OF PUBLIC ROADS

3

CI[illegible] CA[illegible]N
QUADRANGLE-15
SAN JUAN SANDOVAL RIO ARRIBA & McKINLEY COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T. 26 N.
T. 25 N.
T. 24 N.
T. 23 N.
T. 22 N.
T. 21 N.

To Farmington
To Bloomfield
To Cuba
To Albuquerque
To Crownpoint

Nageezi
HUBBARD
EL HUBBARD TRADING POST
BERAN MISSION
BLANCO TRADING POST
Blanco
Standard
Parallel
North
Smith
CARSON
BIG STAR
BETHANY (M. CHURCH)
OTIS
CROW
RIO ARRIBA COUNTY
SAN JUAN COUNTY
SANDOVAL COUNTY
McKINLEY COUNTY
Hospah 17
Lindrith 18
Gallegos
Chaco
Washington
CHACO CANYON TRADING POST
CHACO
CANYON
Pueblo Bonito
PUEBLO BONITO
NATIONAL
MONUMENT
RESETO
Escavada
Kimbeto
Cabezon
Torreon
Pinon
Lybrook
Counselor
Ojo Encino
Ojo Caliente
Landers
Landers-18
Blue Trading Post-14
FAP 33
FAS 1538
FAS 33
FAS 39
(44)
(56)
(403)
36
31
1
6
7
12
13
18
19
24
25
30

Scale 1 Inch = 3 Miles

DATE OF INSPECTION
MCKINLEY COUNTY 1972
RIO ARRIBA COUNTY 1972
SANDOVAL COUNTY 1972

CHACO CANYON
QUADRANGLE
15

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
61-22-S	Sand.	J.A.I.R.			Jicarilla Apache				--	-	Not in
61-21-S	Sand.				Jicarilla Apache				-	-	
62-22-S	Sand		23N	4W	Jicarilla Apache				-	-	
59-72-F	Sand.	Jic. Apache Res.			" "				-	-	
78-20-S	SANDSTONE	NW¼ 27 SW¼ 22	23 N	6W	McDONALD						
79-3-S	SANDSTONE	SW¼ 24	23 N	6 W.	BERRY						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

4

LINDRITH QUADRANGLE-16

RIO ARRIBA & SANDOVAL COUNTIES

R. 6 W. R. 5 W. R. 4 W. R. 3 W. R. 2 W.

T. 26 N. T. 25 N. T. 24 N. T. 23 N. T. 22 N. T. 21 N.

INDIAN RESERVATION

JICARILLA APACHE INDIAN RESERVATION

CONTINENTAL DIVIDE

RIO ARRIBA COUNTY

SANDOVAL COUNTY

FAP 33

SANTA FE NATIONAL FOREST

Lindrith

61-22-S +

62-22-S +

61-21-S +

78-20-S +

+ 75-23-S

+ 52-72-F

DATE OF INVENTORY

RIO ARRIBA COUNTY 1960

SANDOVAL COUNTY 1952

LINDRITH QUADRANGLE 16

28

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-33-S	Sand & Gravel	S½ NE¼ 27	25N	4E	Trujillo Morrison				57.2	20.4	
66-42-S	Sand & Gr.	SW¼ 18	24N	4E	Univ New Mex. Forest				22.0	8.3	Extended 5-10-71
58-83-S	Gravel	NW¼ 33	23N	1W	Higgins				23.8	—	
58-75-S	Gravel	SE 33 SW 33	23N	1W	Lass After Higgins				—	—	
58-74-S	Gravel	NE¼ 18	22N	1W	Mora				—	—	
78-17-S	SAND & GRAVEL	SW¼ 21	22N	1W	OLIVAS						
79-5-S	SAND & GRAVEL	NE 18	22N	1W	MORA						
76-12-S	Sand & Gravel	S½ 5	21N	1W	Herrera	Pit may be used for various Jobs West of Cubero on SR44					
76-11-S	Sand & Gravel	SW¼ 5	21N	1W	Sauter				—	—	
58-45-S	Sand & Gravel	SW¼ 5	21N	1W	Canuto Vigil				30.0	—	
57-70-S	Sand & Gravel	SW¼ 5	21N	1W	Sauter				30.0	3.2	New Pit No 66-34-S
66-34-S	Gravel	SW¼ 5	21N	1W	Liffell	July 22-66	None	7¢ Ton	32.8	5.1	Old 57-70-S
78-16-S	SAND & GRAVEL	SW¼ 30	21N	1W	SANCHEZ						
61-33-S	—	30	21N	1W	Lewis Wise					2.2	No Good No Quant.
66-31-S	Sand & Gravel	W½ 30	21N	1W	Velarde	July 7-66	None	7¢ Ton	28.0	7.8	

EW M... STA... ...GHWA... ...PART...
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

CUBA
QUADRANGLE-17
RIO ARRIBA & SANDOVAL COUNTIES

R.1W. R.1E. R.2E. R.3E. R.4E.

T.26 N. T.25 N. T.24 N. T.23 N. T.22 N. T.21 N.

66-33-S
66-42-S
58-83-S
58-75-S
58-74-S
79-5-S
78-16-S
76-12-S
66-31-S
D KT. MAINT.

Longitude West from Greenwich
Scale 1/63360 or 1 Inch = 1 Miles

DATE OF INVENTORY
RIO ARRIBA COUNTY 1980
SANDOVAL COUNTY 1982

CUBA
QUADRANGLE

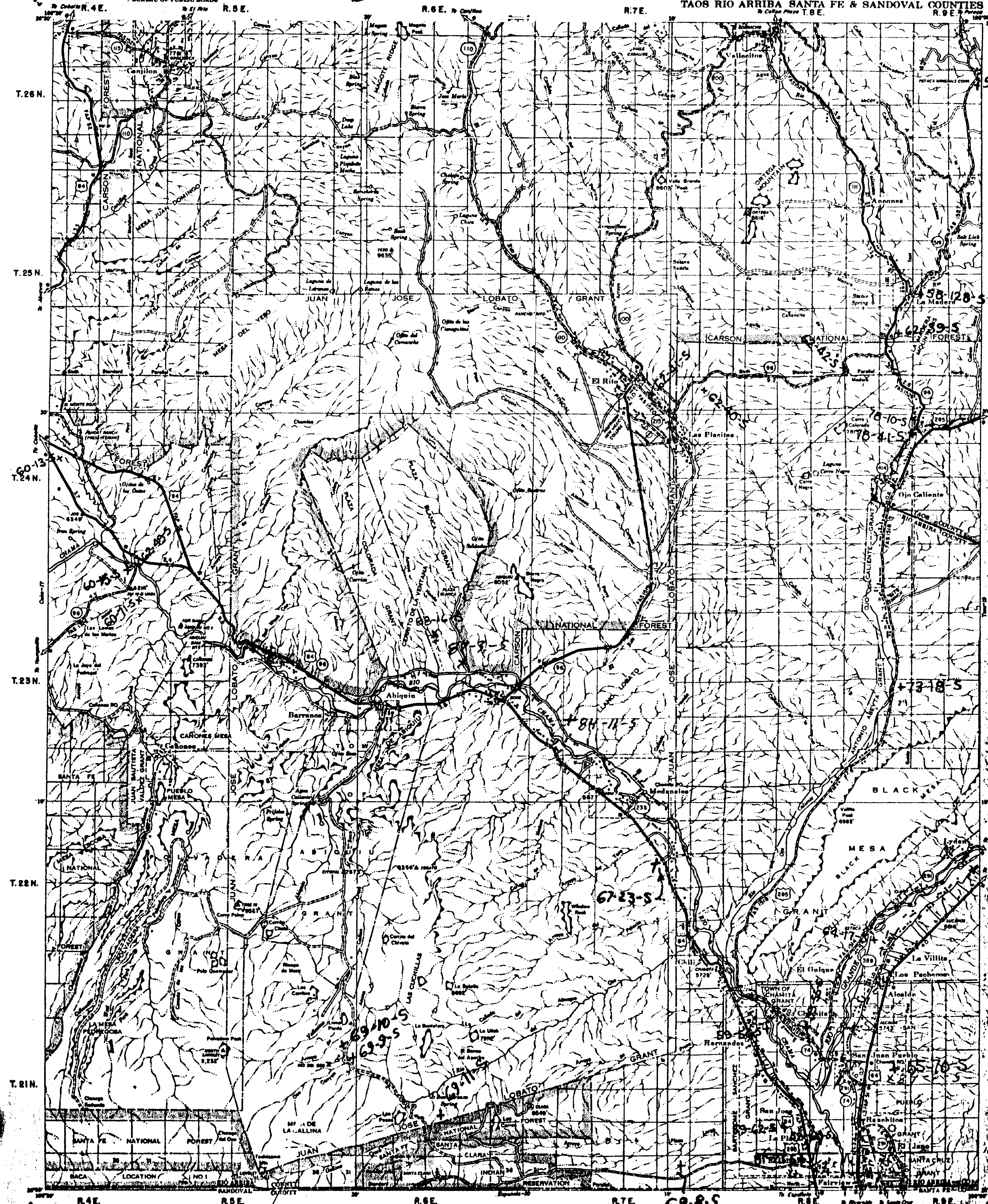
Pit
Districts
583-2285
Owns a contractor—
developed pit at
Ojo Caliente. Would
like to sell more
gravel.

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Agr			Sound.	Lease or Permit No.	
59-30-S	Mine Waste	NE¼ 20	26N	9E	Petaca Mining Corp						Not Used
58-128-S	Gravel	NW¼ 19	25N	9E	Giron			37.2	–		
62-39-S	Gravel	SW 25	25N	9E	Bohrenstedt			40.0	4.6		
78-41-S	SAND & GRAVEL	SE¼ 12	24N	8 E.	TRUJILLO						CHEM. SiO_2 = 65.6 % $MgCO_3$ = NEG.
62-40-S	Coarse Sand	W½ SW 2	24N	7E	Gout				5.1		
62-41-S	Gravel	E½ 3	24N	7E	Martin			33.6	1.0		
62-42-S	Sand	SE 34 SW 35	25N	8E	Atterbury				5.7		
78-10-S	SAND & GRAVEL	NW¼ 7	24 N	9 E.	TRUJILLO						
60-13-S	Sand & Gr.	Piedra Lumbre Grant	24N	4E	Giant Presbyterian Church.			39.2	3.0		
60-15-S	Sand & Gr.	Piedra Lumbre Grant			Ben Rec.			26.0	2.1		
62-49-S	Sand & Gr.	"	"	"	"	"		26.4	6.1		
60-71-S	Sand & Gr.	Piedra Lumbre			Serrano			29.6	3.0		
87-3-S	Sand & Gravel	Plaza Blanca Grant			Cook						
84-11-S	Sand & Gr.	J.J. Lobato Grant			Simpson						
88-16-S	SAND & GRAVEL	PLAZA BLANCA GRANT			Lee GOVAN			28.9 23.6 26.6	2.1, 2.3, 2.8		
78-18-S	Sand & Gravel	NW¼ 24	23N.	8E.	B.L.M.						
67-23-S	Sand & Gravel		22N	7E	Forest			28.0	3.9		
64-17-S	Sand & Gr.	Black Mesa Grant			Martinez Reeves Diaz			28.0	0.7		
68-1-S	Sand & Gravel	10	21N	8E.	San Juan Pueblo			24.4	3.1		
59-55-S	Sand & Gravel	E½ 9 W½ 10	21N	8E	San Juan Pueblo			24.0	2.3		
59-56-S	Sand & Gr.	NE 8	21N	8E	Romero			26.8	3.5		
84-6-S	Sand & Gravel	SW 16	21N	8E	San Juan Pueblo						
81-21-S	SAND & GRAVEL	BARTOLOME SANCHEZ GRANT			ROYBAL (PDEC.)	DEC. 81					
59-60-S	Sand & Gr.	E½ 28 W½ 27	21N	8E	San Juan Pueblo	Feb. 3-67	Jan 1-70	10" C.Y.	28.0	1.3	
59-62-S	Sand & Gr.	N½ 28	21N	8E	San Juan Pueblo				-	0.7	
85-70-S	Sand & Gravel	13	21N	8E	San Juan Pueblo						
79-8-S	Cal. Soil Rock & Gr.	35	21N	7E	B.L.M.				27.2	3.8	
79-9-S		(San Jose			Vigil				48.4		
79-10-S		Lobato)			Santa Fe Forest				40.4		
		Grant							34.8		

[N]EXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

6

ABIQUIU
QUADRANGLE-18
TAOS RIO ARRIBA SANTA FE & SANDOVAL COUNTIES



West from Greenwich
Scale $\frac{1}{190080}$ or 1 Inch = 3 Miles

Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and

DATE OF INVENTORY
RIO ARRIBA COUNTY 1960

ABIQUIU
QUADRANGLE

Mudville Limited
458-2222
W. of Ranchos & NM 76

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
73-19-S	Sand & Gravel	SE^4 13	26N	12E.	Lindberry				28.9	20.0	
75-12-S	Gravel	Antonio Martinez Grant.			Taos Pueblo						
68-3-S	Sand & Gravel	33	26N	13E	Taos Pueblo	12/W Obtain			28.8	3.3	
74-15-S	Sand & Gravel				State H.D.						For Dist. 5 Maint.
68-6-S	Sand & Gravel	Martinez Gr			Vigil	3-18-68	3-18-73	7¢ Ton	28.0 45.6	34.0	
68-5-S	Sand & Gravel	Martinez Grant			Vigil	Mar. 18-68	Mar. 18-73	7¢ Ton	30.0 25.6	10.1	
68-4-S	Sand & Gravel								57.0	—	
56-72-S	Gravel				State				—	—	
58-73-S	Sand & Gravel				State.				50.0	-	
56-69-S	Gravel	Grant			Pot Creek Lumber Co.						
56-75-S	Gravel	SE 22	24N	11E	Gout.				—	-	
58-71-S	Sand & Gravel	SE^4 22	24N	11E	Gout				—	—	
59-59-F	Blow Sand	—			—				—	—	
56-76-S	Gravel	S^2 33	24N	11E	Gout				32.4	-	
58-72-S	Gravel	S^2 33	24N	11E	Gout				32.4		EXTENDED 5 24 82
60-28-S	Sand & Gravel	27	23N	12E	Forest				39.2	4.3	
57-47-S	Broken Limeston	-	-	-	Rancho Del Rio Grande Grant Picuris Pueblo.				16.0	—	
57-48-F	Sand & Gr.	SE 32	23N	12E					—	—	
83-15-S	Sand & Gr.	SE¼ 3	22 N	9 E.	Romero						
69-62-S	Gravel	Los Trampes Grant			Forest				30.0	3.0	
59-3-S	Granite Rock				Forest					51.7?	Not Rep. Near Tres Ritos
69-65-S	Sand & Gr.	Los Trampes Grant			Forest					0.4	
64-66-S	Sand & Gr	"	"	"	Forest				33.2	4.8	
81-12-S	SAND & GRAVEL	SANTIAGO GRANT			MARTINEZ						
89-12-9	GRAVEL · Boulders	Rancho Del Rio Grande Grant			USFS						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

TAOS QUADRANGLE-19

TAOS RIO ARRIBA SANTA FE & MORA COUNTIES

R. 9 E. R.10E R.11E. R.12 E. R.13E.

T.26 N. T.25 N. T.24 N. T.23 N. T.22 N. T.21N.

CARSON NATIONAL FOREST

ANTONIO MARTINEZ LEROUX GRANT TRACT B

TAOS PUEBLO INDIAN LANDS

TAOS PUEBLO

Taos Pueblo

El Prado

Ranchitos

TAOS TRACT C POP. 1,815

Ranchos de Taos

Talpa

RANCHO DEL

GIJOSA CRISTOVAL GRANT DE LA SERNA

Pilar

GRANT

RIO GRANDE

Rinconada

La Cienega

Dixon

Apodaca

Cañoncito

PUEBLO San Lorenzo Pueblo

Vadito

Placita

Rio Lucio

Chamisal

Peñasco

Rodarte

Llano Largo

SEBASTIAN MARTIN GRANT

MESA DE LA CEJITA

Trampas

El Valle

TRAMPAS

SANTA BARBARA GRANT

Tres Ritos

CARSON NATIONAL FOREST

FRANCISCO MONTES GRANT

VIGIL GRANT

MESA DE LA CEJA

NUESTRA SEÑORA DEL ROSARIO SAN FERNANDO SANTIAGO GRANT

El Llano

Chimayo

Cordova

SANTA FE NATIONAL FOREST

RIO ARRIBA COUNTY SANTA FE COUNTY

+56-69-S

+57-91-S

+58-15-S

+58-42-S

+58-60-S

+58-63-S

+59-01-S

+59-39-H

+59-76-S

+58-12-S

+58-31-S

RI-13-S

DATE OF INVENTORY

TAOS

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
60-25-S	Rock	Marwen Grant			Lebus Bros.				38.0	1.1 1.2; 1.1; 4.3	
60-24-S	Changed to Borrow.				Trujillo					22.2	
64-55-S	Basalt	NE20	24N	16E	Lucero				25.6	38.8	
64-60-F	Sandstone	21	24N	16E	State				—	—	
64-61-F	Sand & Sandstone	NW23	24N	15E	Forest.	6-20-66	Completion of 5-1433(9)	-	-	-	File Code 2820
88-6-S	Sand & gravel									81.5 14.4, 13.0	
58-23-S	Gravel	W½34	23N	18E	Blottman				36.0	-	
62-35-S	Sand & Gr	Mora	Grant		Martin				36.6	16.3	
65-21-S	Sand & Gr.	"	"		Romero					15.9	
88-20-S	Sand & Gravel	Mora	Grant		Manuel Deherrera				11.8, 16.4	8.1 N.S. 10.1	
89-29-S	Basalt	SE¼NW¼ NW¼SW¼ 28	24N	16E	Bob Knox UU Bar Ranch				27.2 27.0 26.7	2.6, 20.8	
59-29-S	Limestone	Mora	Grant		Arellano					23.4	Not Rep.
71-20-S	Sand & Gravel	NE¼49	21N	14E	Forest						

V ME TATE WAY RTMI

PLANNING DIVISION
BUREAU OF PUBLIC ROADS

BLA(AK
QUADRANGLE - 20
COLFAX MORA & TAOS COUNTIES

R.14E. R.15E. R.16E. R.17E. R.18E.

T.25N.
T.24N.
T.23N.
T.22N.
T.21N.
R.24N.

ANTOINE LEROUX GRANT
CIMARRON CANYON WILD LIFE AREA
PHILMONT SCOUT RANCH
MAXWELL GRANT
CIMARRON MOUNTAINS
URRACA MESA
CARSON NATIONAL FOREST
RIO GRANDE DEL NORTE NATIONAL FOREST
SANTA FE NATIONAL FOREST
RANCHO DEL GRANDE GRANT
Shaleybrook
Sierra de Don Fernando
Chacon
Guadalupita
Turquillo
Holman
Ocate
Los Fabres
Los Huertos
La Jara
Ojo Feliz
Lucero
Aqua Fria Peak 11,088'
Apache Peak 9872'
Reynolds Peak 9805'
Black Mountain 10,892'
Bonita Peak 10,816'
Garcia Peak 10,925'
Trail Peak 10,242'
White Peak 8799'
Palo Flechado Pass 9107'
Cimarron Creek
Colfax County
Taos County
Mora County
Grant County
Harding County
To Eagle Nest
To Cimarron
To Raton
To Las Vegas
To Tres Ritos
To Mora
To Las Vegas

G0-25-S
G0-24-S
G4460-E-S
G4-55-S
G89-23-S
G4-61-S
88-6-S
G5-21-S
G2-35-S
G2-35-S
71-20-S
59-23-S

Scale 1 inch = 3 Miles

DATE OF INVENTORY

BLACK LAKE QUADRANGLE

27

IT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-10-S	Sand & Gravel	Maxwell Grant			CS Cattle Co.	Apr. 7-66	?	7¢ Ton	30.0	8.3, 16.8, 20.8, 20.2	
66-11-S	Sand & Gravel	"	"	"	" "	Not obtained				10.0	
66-12-S	Sand & Gravel	"	"	"	" "	" "				7.9	
66-2-S	Basalt	Maxwell Land Grant			W.F. Martin	Mar. 21, 66	July 1, 70	7¢ Ton			—
59-81-F	Sand.	S 2 11	22N	19E	Smith				—	—	
66-4-S	Basalt	NW¼ 4 SW¼ 33	21N 22N	21E 21E	Smith, Simms	Mar. 7, 66	None	7¢ Ton	31.6 (31.9)	9.6	—
87-23-S	Basalt	32 33	22N	21E	Schulte				36.5; 33.0	0.5, 1.9, 17.3	
70-6-F	Sand.	SE¼ 14	21N	21E	Berlier						
66-8-S	Basalt	22 27	21N	21E	Berlier	May 23 67 ~~Mar. 7-66~~	?	7¢ Ton	30.0	11.4	
66-9-S	Basalt	Mora Grant			Diamond 'A'	Did Not obtain.				1.9	
59-76-S	Basalt				Diamond 'A'				13.6	1.5	
59-58-S	Basalt	SE 35	21N	21E	Berlier				13.2	0.5	
66-10-S	Caliche	SE 5 2 SW 33	21N	23E	Wooten	Mar. 25-70	3-25-73	7¢ Ton	25.0		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

9

SPRINGER QUADRANGLE-21

COLFAX & MORA COUNTIES

R.19E. R.20E. R.21E. R.22E. R.23E.

T.26N. T.25N. T.24N. T.23N. T.22N. T.21N.

PHILMONT

COYOTE MESA

SCOUT

URRACA MESA

RANCH

Rayado

KIT CARSON MESA

RAYADO MESA

GONZALITOS MESA

Miami

SPRINGER POP 1,558

MAXWELL

GRANT

RIVERA MESA

COLFAX COUNTY

MORA COUNTY

Colmor

Clarence Lake

M O R A G R A N T

Wagon Mound POP 760

Levy P.O.

Scale 1/63360 or 1 Inch - 3 Miles

DATE OF INVENTORY
COLFAX COUNTY 1958
MORA COUNTY 1960

SPRINGER QUADRANGLE-21

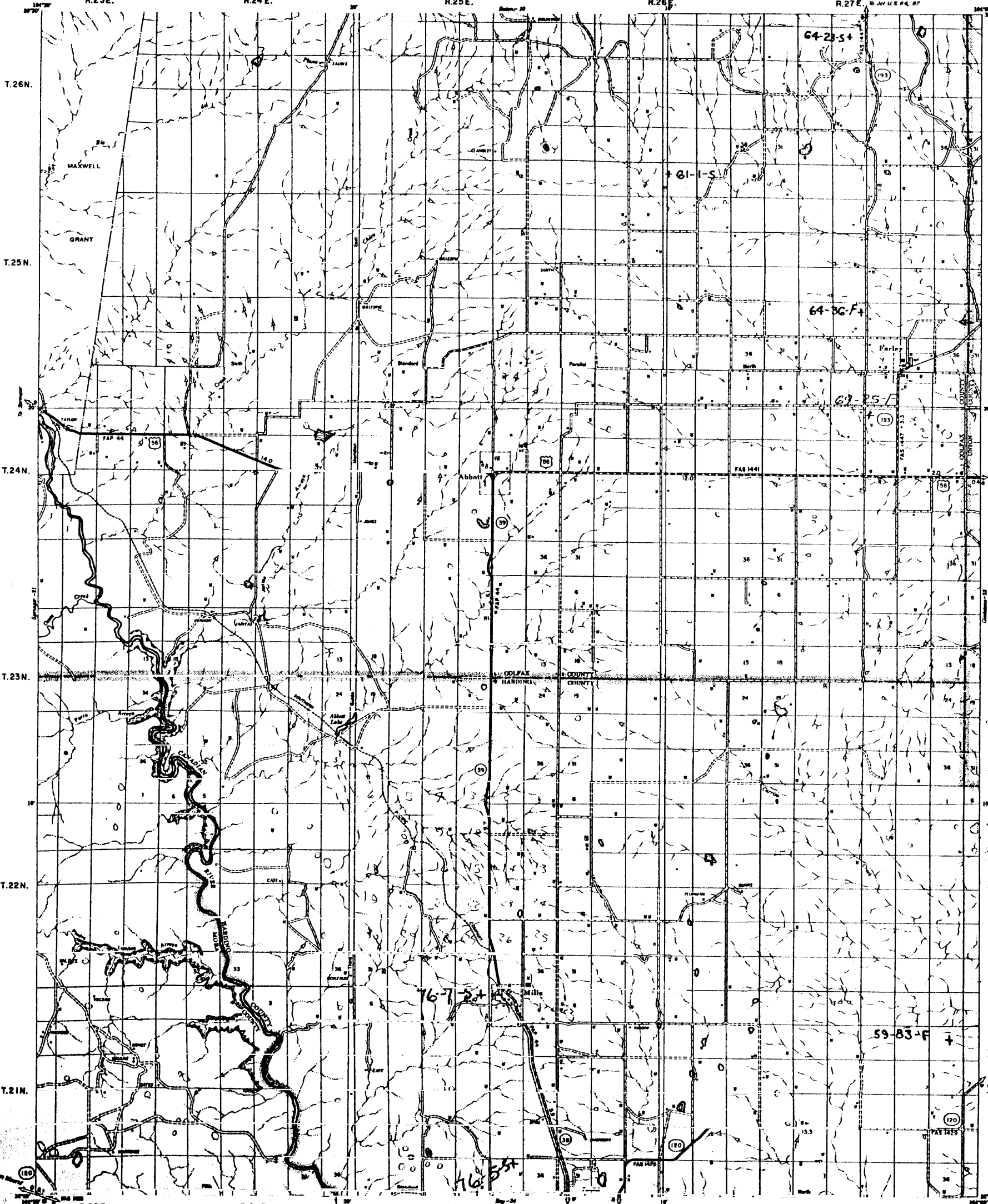
33

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
69-23-S	Diorite	N½16	26N	27E	State			1	8.8	0.4	
61-1-S	Diorite	NW 3	25N	26E	Stevens				15.6	1.5	
69-36-F	Sand & Gravel	NE 28	25N	27E	Rogers					16.3	
69-25-F	Sand	NW¼ 10	24N	27E	Fleming						
76-7-S	Caliche	NE¼ 3	21N	25E	Dennis						
59-83-F	Blow Sand	NE 12	21N	28E	State						
76-5-S	Caliche	NE 35	21N	25E	Scott						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

10

QUADRANGLE - 22
COLFAX HARDING MORA & UNION COUNTIES



Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division. Modified Conic Projection Standard

Scale 1/63360 or 1 Inch = 5 Miles

DATE OF INVENTORY
COLFAX CO. 1958
HARDING CO. 1958
MORA CO. 1951

MILLS QUADRANGLE 22

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
85-5-S	Basalt	NE¼4	24N	30E	52nd Brigade Basamento Road							
69-23-S	Soil & Rock, Caliche & Basalt Rock	NE¼ 9	24N	29E	W.T. Sadler				16.0	2.0		
69-24-S	Caliche	N½20	24N	29E	State				22.4	7.9		
63-16-S	Caliche	NE19	21N	32E	State	May 3-67	(Jeffrey Haul Rd.)		25.6 64.8	3.7	NM 1231	Haul Rd. SHD ... 554.0 (until ca...
59-82-S	Caliche	NE29	21N	28E	Mitchell				36.8	1.7		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

11

GLADSTONE
QUADRANGLE-23
UNION & HARDING COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E.

T.26N. T.25N. T.24N. T.23N. T.22N. T.21N.

Bella

Snyder Lake

Dudenoe

FAS 1441 FAS 1444 FAS 1445 FAS 1446 FAS 1447 FAS 1448 FAS 1449

85-5-5

69-24-5

69-13-3

69-16-3

UNION COUNTY
HARDING COUNTY

35

Scale 1 inch = 3 Miles

DATE OF INVENTORY
Union County 1957
Harding County 1951

GLADSTONE
QUADRANGLE
23

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
57-110-S	Cinders	NE 17	26N	32E	Jones				—	—	
64-28-S	Basalt	NW 9	26N	34E	Woods					32.8	
59-77-S	Caliche	SE 3	25N	36E	Govt				26.0 50.0	2.9	
69-17-S	Basalt	SW 20 NW 29	26N	35E	Mays	Jan. 14-70	Jan. 14-75	7¢ Ton	34.8	6.3	
60-30-F	Blow Sand	NE 12	25N	34E	Leighton				—	—	
69-18-S	Caliche	NW 32	26N	35E	Mays	Jan. 14-70	Jan. 14-75	7¢ Ton	31.0 43.6		
64-33-F	Blow Sand	S² 7	25N	34E	State Highway Leighton				—	—	
69-19-S	Basalt	N² 22	26N	34E	Mays	Jan. 14-70	Jan. 14-75	7¢ Ton	23.0	6.4	
59-79-F	Sand	In Texas			Overby				—	—	
60-69-S	Caliche	NW 2	24N	35E	State				22.4	1.7	
73-15-S	Caliche	SW¼ 12	25N	34E	Leighton		8-2-76	10¢ Ton			
83-20-S	Basalt & caliche	W² 14	25N	35E	Porschbacher						
83-21-S	Basalt	SE¼ 17	26N	33E	R.B. Day						
59-8-S	Sand & Gr.	NE 33	24N	35E	Leighton				30.0	4.4	
59-78-S	Gravel	NE 33	24N	35E	Leighton				36.0	6.9	
81-9-S	SAND & GRAVEL	NE¼ 33	24-N	35	LEIGHTON						
58-112-S	Caliche	NW¼ 32	21N	34E	Heiman				27.6	-	
58-116-S	Gravel	SW¼ 31	21N	33E	Culbertson				28.0	-	
63-15-S	Sand & Gravel	S² 31	21N	33E	Culbertson					6.0	
81-18-S	QUARTZITE	SW¼ 25	21 N.	34-E	PERSHBACHER						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

12

CLAYTON QUADRANGLE - 24

UNION & HARDING COUNTIES

R.32E. R.33E. R.34E. R.35E. R.36E.

T.26N. T.25N. T.24N. T.23N. T.22N. T.21N.

CLAYTON POP. 3818

Clapham

Sedan

Stead

UNION COUNTY

HARDING COUNTY

NEW MEXICO

TEXAS

Longitude West from Greenwich

Scale 1/250000 or 1 Inch = 3 Miles

DATE OF INVENTORY

HARDING COUNTY 1951

UNION COUNTY 1957

CLAYTON QUADRANGLE

Pit No.	Type of Material	Location Sec.	TWP	Rge	Owner	Date Agreement Signed	Date Agreement Expires	Royalty	Wear	Soundness	Lease or Permit No.	Lab No.
69-13-S	Gravel	Not Sec. -	20N	17W	Navajo Ind	-			57.2			
63-4-S	Sand & Gravel	-	-	-	Navajo Ind				50.0	19.9		
78-8-S	SAND & GRAVEL	-	-	-	NAVAJO NATION							
60-34-S	Sand & Gravel	-	-	-	Navajo Ind.				50.6	37.0		
58-66-S	Sand & Gravel	Navajo Ind.	Ees.	"	"				42.8	14.4		
78-9-S	SAND & GRAVEL				NAVAJO NATION							
57-19-S	Sand & Gr.	-	-	-	" "				43.8	—		
56-12-S	Sand & Gr.	Navajo	Indian	Lees.					43.6	—		
78-7-S		ARIZONA			NAVAJO NATION							
58-98-F	Sand.	SE¼ 7	15N	17W	Navajo Indl.				-	—		
58-68-S	Limestone	NE 13 NW 18	15N 15N	17W 16W	Navajo Ind.	(McCune	Pit Ext)		27.2	—		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION
BUREAU OF PUBLIC ROADS

13

GALLUP
QUADRANGLE-25
McKINLEY COUNTY

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

27-13-S
78-8-S
58-4-S
60-34-S
78-9-S
58-66-S
57-15-S
56-12-S

Tohatchi
Nakaibito
Gamerco
GALLUP
Allison
Montmore
Navajo Wingate Village
Church Rock
Wingate
Military Reservation

INDIAN RESERVATION

NAVAJO

264

ARIZONA
NEW MEXICO

To Defiance To Window To Jct NM 56 To Albuquerque To Fort Wingate To Rio Puerco of the West

Scale 1/63360 or 1 Inch = 1 Miles

GALLUP
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
60-67-S	No Information											
60-57-S	Sand & Gr.	16	16N	12W	State					46.8	28.0	
60-59-S	Sand & Gravel	9	16N	12W	Navajo Ind.					46.0	2.4 ?	
57-35-S	Sand & Fine Gr.		15N	16W	Navajo Ind					-	-	
59-104-F	Sand & Gr.	Ft. Wingate 18 Rest			Navajo Ind					—	—	
64-69-S	Limestone	Ft. Wingate 18 Rest	15N	15W	BLM Navajo Ind.	R/W Dec. 9-66	None	None		24.0	11.7	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

14

CROWNPOINT QUADRANGLE-26

McKINLEY COUNTY

R.15 W. R.14 W. R.13 W. R.12 W. R.11W.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

INDIAN RESERVATION

NAVAJO INDIAN RESERVATION

Standing Rock

Mills Lake

Crownpoint

CHACO CANYON NATL. MON.

Pinedale

Mariano Lake

Smith Lake

Torreon

60-69-S

60-69-S

60-69-S

60-57-S

60-59-S

84-F

38

CROWNPOINT QUADRANGLE 26

15

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

HOSPAH QUADRANGLE-27

SAN JUAN & McKINLEY COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

CHACO CANYON NATIONAL MONUMENT

Hospah

Standard

Scale 1/125000 or 1 Inch - 3 Miles

DATE OF INVENTORY

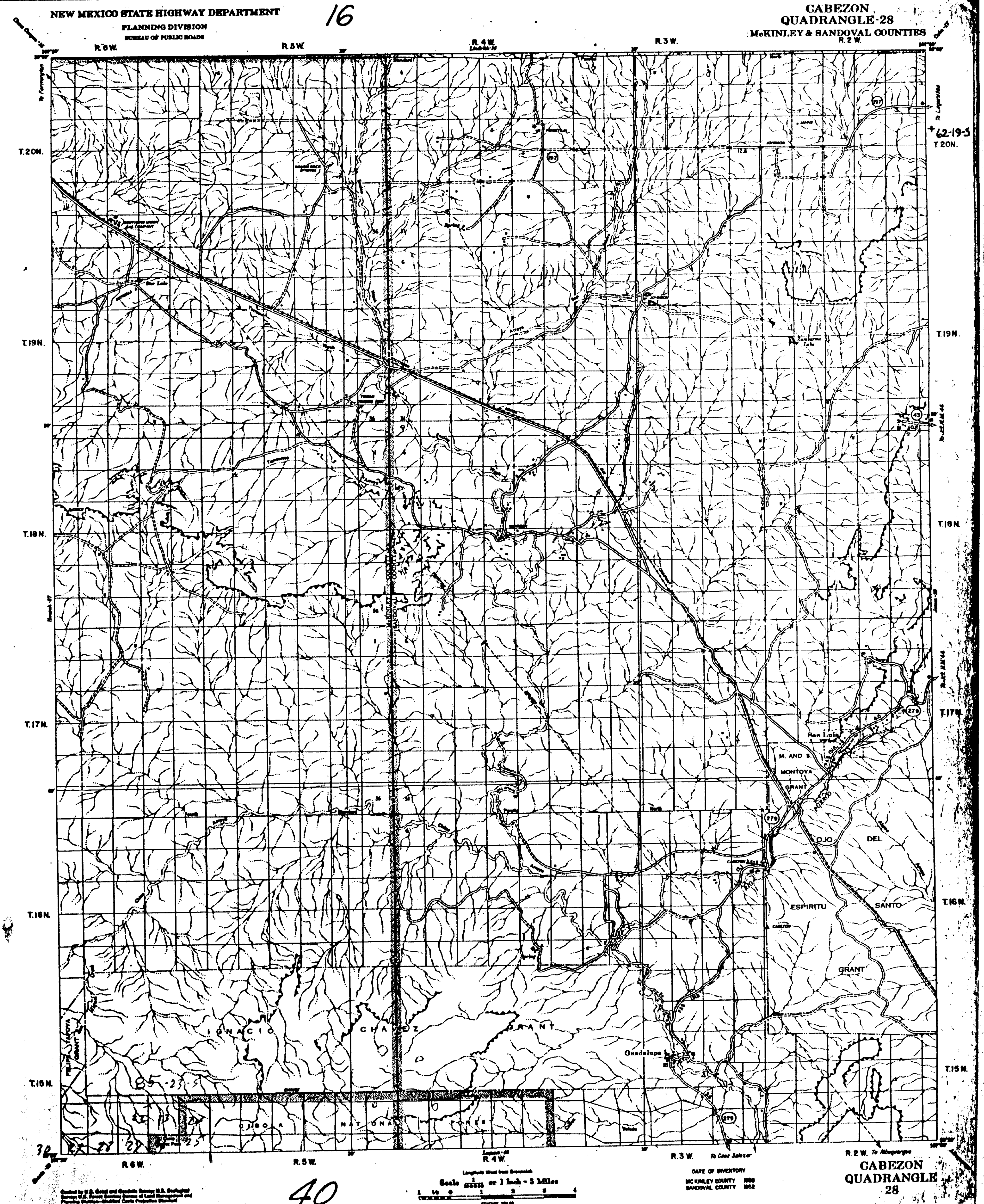
SAN JUAN COUNTY 1956

McKINLEY COUNTY 1956

HOSPAH QUADRANGLE 27

39

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
85-23-5	S. & G.	22/23	15N	6W							


NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS
16
CABEZON
QUADRANGLE-28
McKINLEY & SANDOVAL COUNTIES
R.6W.
R.5W.
R.4W.
R.3W.
R.2W.
T.20N.
T.19N.
T.18N.
T.17N.
T.16N.
T.15N.
62-19-5
To Farmington
To Lagunitas
Star Lake
Zembarmo Lake
San Luis
M. AND S. MONTOYA GRANT
OJO DEL ESPIRITU SANTO GRANT
IGNACIO CHAVEZ GRANT
FELIPE TAFOYA GRANT
CIBOLA NATIONAL FOREST
Guadalupe
Cabezon
279
197
43
85-23-5
To Casa Salazar
To Albuquerque
Longitude West from Greenwich
Scale 1/190080 or 1 Inch = 3 Miles
DATE OF INVENTORY
McKINLEY COUNTY 1958
SANDOVAL COUNTY 1952
CABEZON
QUADRANGLE
28
40

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-2-S	SAND & GRAVEL	SE4 1	20N	2W	B.L.M.				26.4	6.3	
60-6-S	Sand & Gravel	6	20N	1W	Montoya				27.2	6.2	
62-19-S	Gravel	13	20N	2W	Gout.						
81-12-S	SAND & GRAVEL	NE4 31 NW4 32	20N	1W	B.L.M. MINERALS DE HEDDERA						
61-34-S	Gravel	NE 22 NW 23	19N	1W	Cordora				33.2	8.4	
64-56-S	Sand & Gr.	SW 17	19N	3E	Hotierns				35.2	28.0	
64-41-SC	—					(No Site!)				9.6	
74-4-S	Limestone	9	18N.	4E.	Forest Service						
65-43-S	Sand & Gr.	Ojo de Espiritu Grant			Jemez Pueblo				42.0	10.6	
89:27-S	SAND & GRAVEL				BLACKJACK TIMBER (no	plotted. held for	future)			11.7 4.3 9.0	
63-29-S	Gravel	Jemez Ind. Res.	18N	1W	Jemez Pueblo				32.8	6.1	
60-42-S	Gravel	San Diego Grant			NM Timber Co.				32.8	8.1	
85-28-S	Travertine	Ojo de Espiritu Santo G.	16N	1E	Zia Pueblo						
85-19-S	Sand & Gravel	S½ 11	16N	2E	Jemez Pueblo						
60-1-S	Granite Gr. & Sand	6	16N	1E 1W	Zia Pueblo				39.2	6.3	
85-20-S	Sand & Gravel	E½ 9	16N	2E	Jemez Pueblo						
80-5-S	SAND & GRAVEL	OJO DE ESPIRITU SANTO GRANT			ZIA PUEBLO						
57-53-S	Sand & Gr.	11	16N	2E	Jemez Pueblo				33.2	—	
59-51-S	Sand & Gr.	S2 11	16N	2E	Jemez Pueblo				40.0	5.8	
75-10-S	Sand & Gravel	28	16N	2E	Jemez Pueblo						
63-6-F	Sand & Gr.	SW 30 SE 25	16N	1E 1W	Zia Pueblo						
74-9-S	Gravel	N½ 33	16N	2E.	Jemez Pueblo						
60-5-S	Sand & Gr.	S2 32	16N	2E	Jemez Pueblo				29.6	5.3	
60-16-S	Sand & Gr.	San Ysidro Grant			Zia Pueblo				31.6	5.5	
60-17-F	Sand.	Jemez Pueblo			Jemez Pueblo				—	—	
71-10-S	Sand & Gravel	SW4 17	15N	2E	Zia Pueblo						
75-11-S	Sand & Gravel				Jemez Pueblo						
76-18-S	Travertine	NW 16 NE 17	15N	1E	STATE & BLM.						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

17

Copper City

JEMEZ QUADRANGLE – 29
RIO ARRIBA & SANDOVAL COUNTIES

78-2-S
60-6-S
62-19-S
81-12-S
64-34-S
64-56-S
64-41-S
64-4-S
64-43-S
63-29-S
60-42-S
60-5-S
60-55-S
76-18-S

R.1E. R.1W. R.2E. R.3E. R.4E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

SANTA FE NATIONAL FOREST
CAÑON DE SAN DIEGO
VALLE SAN ANTONIO
BACA LOCATION NO. I
JEMEZ INDIAN RESERVATION
SANTO DOMINGO INDIAN RESERVATION
SAN JUAN MESA
MESA CEBOLLETA
MESA VENADO
MESA GARCIA
MESA DE LAS CASAS
MESA DE LOS DATILES
MESA DE LOS ALAMARES
MESITA BLANCA
JOAQUIN MESA
CHAMISO MESA
CUCHO MESA
OJO DE SAN JOSE GRANT
CANADA DE JEMEZ GRANT
COCHITI GRANT
SANTA FE NATIONAL FOREST
OJO DEL BORREGO GRANT
MESITA COCIDA GRANT
SANTO DOMINGO PUEBLO GRANT
ZIA INDIAN RES.
Jemez Springs
Jemez Pueblo
Vallecitos
San Ysidro
Jemez State Mon.
San Antonio Hot Springs
Soda Springs
Rainbow Springs
Dark Canyon Hot Springs
Indian Head Springs
Battleship Rock
Los Griegos
Los Conchas
Cerro Pelado
Redondo Peak 11,254
Redondo Border
Rio Guadalupe
Rio de San Diego
Rio Jemez
Rio Puerco
Rio Salado
Rio Chama
Rio Arriba County
Sandoval County
Santa Fe National Forest
Jemez Indian Reservation
Santo Domingo Pueblo Grant Indian Reservation
Zia Indian Res.

Scale 1 inch = 1 Mile or 1 Inch = 3 Miles

DATE OF INVENTORY
RIO ARRIBA COUNTY 1959
SANDOVAL COUNTY 1961

JEMEZ QUADRANGLE
29

41

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
63-14-S	Sand & Gr.	SE 19	20N	8E	Santa Clara Ind				36.4	(6.4) 16.2	
66-35-S	Sand & Gr.		20N	8E	Santa Clara Pueblo	Sept. 26-66	Sept. 15-69	10¢ Ton	40.4 51.2	2.7	
67-18-S	Sand & Gr.	SW4 10	20N	8E	Reynel Vigil et al.	Mar. 29-67	None	10¢ Ton	29.2	4.9	
57-107-S	Sand & Gr.	SE 15	19N	7E	San Ildefonso Pueblo				—	—	
58-124-S	Sand & Gravel	Pojoaque Grant			Pojoaque Ind				27.6	—	
60-32-S	Sand & Gr.	Pojoaque Grant			"				38.4	4.7	
63-18-S	Sand & Gr.	Pojoaque Pueblo Grant			"					3.7	
57-69-S	Soil & Gr.	"	"		Govt				68.0	—	
67-17-S	No Good								24.8	2.7	
76-20-S	Sand + Gravel	SE4 8	19 N.	9 E.	Pojoaque Pueblo						
86-4-S	Sand & Gravel	18 13	19N	8E 7E	San Ildefonso					0.1, 5.9, 7.0 2.0	
88-4-S	" "	Sec. 11	19N	7E	San Ildefonso						
59-9-S	Sand & Gravel	S2 2	16N	8E	State		Feb 1, 67		34.4		SHD 4348-47 M-14209-210
68-13-S	Sand & Gravel	Lot 4 12 SW 1	16N	8E	M.W. Paul	May 22-68	May 22-73	10¢ Ton	(44.8) 34.4	(11.9) 9.7	
73-3-S	Gravel	W2 15	16 N	8 E	S.F. Airport						
60-9-S	Gravel	SE 20 NE 29	16N	6E	Cochiti Pueblo				30.0	2.3	
66-21-S	Sand & Gravel	SW4 27	16N	8E	J.W. Eaves et al.	Not	Reported			4.4	
77-1-S	Sand & Gravel	NE4 34	16 N.	6 E.	Corps of Engineers				21.8	2.7	
70-18-S	Sand & Gravel	SW4 6 NW4 7	15N.	8E.	C DeBaca	Oct. 30, 1970	Oct. 30, 1973	7¢ Ton			

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

18

AÑO
QUADRANGLE-30 66-35-S
RIO ARRIBA SANTA FE, SANDOVAL & LOS ALAMOS COUNTIES

R.4E. R.5E. R.6E. R.7E. R.8E. R.9E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

ESPAÑOLA
QUADRANGLE
30

42

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-46-S	Sand & Gr.	12	20N	9E	Govt				47.8 52.5	5.0	
76-21-S	Sand + Gravel	NE¼ 8 NW¼ 9	19N	9E	Pojoaque Pueblo						
58-126-S	Gravel	SW¼ 24	18N	9E	Tesuque Ind.	Jan. 31 67	Dec. 31 - 68	10¢ C.Y.	35.2	5.2	None
58-20-S	Granite Sand & Gr.	SE¼ 3	17N	10E	Ortiz.				—	—	
60-43-S	Rock.	SW 2	17N	10E	Forest						
4-47-S	Gravel	SW 20	17N	12E	Gonzales				28.8	5.6	
1-48-S	Gravel	S½ 20	17N	12E	Long.					8.0	
89-26-9	Limestone	Cont. 9	15N	12E					19.5, 23.7, 23.6	8.3, 1.7, 8.1	
89-20-9									16.8, 24.7, 18.4	1.6, 7.4, 11.5	
75-8-S	Sand & Gravel	SE¼ 31	16N.	12E.	Varela				30.6	9.7 13.2	
20-48-S	Sand & Gr.	Alex. Valle Grant			Benedictine Monastary				27.2	6.0	
59-20-S	Limestone	NW 36	16N	11E	? Roybal				26.8	3.1	
56-41-S	Granite Sand & Rock	NE 1	15N	10E	Garcia				34.4	—	
56-103-S	Sand & Gr.	John Lamy Grant			Teal				36.4		
68-15-S	Limestone	E½ 31	16N	11E	U.S. Forest				18.4	5.9	
86-26-S	Sand & Gravel	SE¼ 28	16N	12E	Ramon Vigil						
57-153-S	Sand & Gr.	S/8	15N	12E	Fogelson				—	—	
57-151-S	Sand & Gr.	Bishop John Lamy Gr.			Simpson Jr.				50.0	—	
63-27-S	Gravel	15/16	15N	12E	Fogelson					4.8	
59-17-S	Sand & Gr.	W½ 22	15N	12E	Fogelson				35.2	4.6	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

19

SANTA FE QUADRANGLE—31

SANTA FE SAN MIGUEL MORA & RIO ARRIBA COUNTIES

R.9E. R.10E. R.11E. R.12E. R.13E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

59-46-5

76-21-5

58-26-5

57-15-5

56-03-5

64-27-5

64-48-5

60-16-5

55-20-5

60-22-5

63-21-5

59-11-5

Santa Fe
POP. 34,676

Tesuque Pueblo

Nambe Pueblo

Pojoaque

Chupadero

Cuyamungue

Rio en Medio

Cundiyo

El Porvenir

Talaya Hill Grant

Cañada de los Alamos

Glorieta

Pecos
POP. 584

Lower Colonias

Terrero

Vega Bonita

Grass Mountain

Fanchuela

Mora Flats

Mesa Poleo

Fango Mesa

Gallinas Mesa

Santa Fe National Forest

Carson National Forest

Pecos River

Gallinas River

Mora River

Hyde Memorial State Park

Santa Fe Ski Basin

Truchas Peak 13,102'

Santa Fe Baldy 12,622'

Pecos Baldy Lake

Lake Katherine

Lake Johnson

Nambe Lake

Aspen Peak 11,109

Lake Peak 12,409'

Rio Arriba County

Mora County

San Miguel County

Santa Fe County

Sandoval County

Projection and 10,000-foot grid based on New Mexico coordinate system, central zone (Transverse Mercator projection)
1927 North American Datum

Scale 1/126720 or 1 inch = 3 Miles

DATE OF INVENTORY
SANTA FE COUNTY 1960
SAN MIGUEL COUNTY 1960
RIO ARRIBA COUNTY 1959

SANTA FE QUADRANGLE

21

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
67-26-S	Sand & Gravel	Grant	20N	15E	Frank Cantu	June 26-67	None	7¢ Ton	38.8	3.9	
65-67-S	Gravel	Mora	Grant		Duran	Jan. 7-66	open	7¢ Ton	37.6	4.5	
67-25-S	Sand & Gravel	Mora	Grant		Salman	[illegible]			39.2	9.5	
66-20-S	Sand & Gravel	Mora	Land Grant		Romero	Apr. 13-66	None	7¢ Ton	39.6	6.8	
59-28-S	Gravel	"	"	"	—				38.0	3.6	
65-68-S	Gravel	Mora	Grant		Romero					26.8	
67-27-S	Sand & Gr.	Mora	Grant		Salman	Nov. 14-67	?	7¢ Ton		2.9	
67-28-S	Sand & Gr.	Mora	Grant		Salman	Jan. 9-68	?	7¢ Ton	36.7	3.6	
76-13-S	Limestone	Mora	Grant		C de Baca				47.2	17.5	
59-27-S	Gravel	Mora	Grant		Lucero					4.8	
60-26-S	Sand & Gr.	Las Vegas	Grant		Warren				—	—	
59-33-S	Gravel	Las Vegas	Grant		Pena				49.2	12.3	
65-49-S	Sand & Gr.	John Scolly	Grant		More						
72-3-S	Gravel	Las Vegas	Grant		Peña	[illegible]			—	—	
58-91-S	Sand	(No sketch)									
65-11-S	Sand & Gr.	John Scolly	Grant		Jones				37.6	7.4	
58-90-S	Sand & Gravel	Las Vegas	Grant		Stoker				42.0	—	
74-10-S	Sand & Gravel	Las Vegas	Grant		Apodaca						
89-11-S	Sand & Gravel	Mora	Grant		Kiker Ranch				33.3 34.1 31.6	12.7	
89-13-S	"	Raimsville								7.1 13.4 17.0	
75-1-S	Sand & Gravel	Las Vegas	Grant		Bibb ?						
71-22-S	Limestone	Las Vegas	Grant							13.4	
62-54-S	Sand & Gr.	Las Vegas	Grant		Gallegos Owen				42.0	12.4	
65-16-S	Sand & Gr.	Las Vegas	Grant		Gallegos Lager				36.9	8.0	
72-4-S	Gravel	Las Vegas	Grant		McGrath				34.8	7.2	
65-10-S	Sand & Gr.	Las Vegas	Grant		Melton				42.8	4.4	
61-38-S	Sand & Gr.	"	"	"	Bibbs				—	—	
57-81-S	Gravel	NE34	16N	16E	Bibbs						
69-16-S	Sand & Gr. & Limestone	Grant	16N	16E	Bibbs	Aug. 8-69	Aug - 74	7¢ Ton	33.0	26.8	
70-9-S	Sand & Gr.	"	16N	16E	Bibbs	Mar. 20-70	Mar. 20-72	7¢ Ton	35.0 29.0		
74-14-S	Sandstone	Las Vegas	Grant		Bibb						Use for Riprap Derrick
64-42-S	Limestone	Las Vegas	Grant		Lucero				28.8	3.2	

20

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

LAS VEGAS QUADRANGLE-32
MORA & SAN MIGUEL COUNTIES

R.15E.

T.20N.
T.19N.
T.18N.
T.17N.
T.16N.
T.15N.

R.14E.
R.15E.

Cleveland
MORA
Monte Aplanado
Canon
Abuelo
Ledoux
Gascon
Rociada
Lower Rociada
Tierra Monte
South Carmen
North Carmen
La Cueva
La Cueva Lake
Buena Vista
Rainsville
Golondrinas
FORT UNION NAT'L MON
JOHN SCOLLY
GRANT
Mineello
Calloncito
Sapello
San Ignacio
Las Tuertas
Lone Pine Mesa
Johnson Mesa
El Porvenir
Los Gallinas
Gallinas
Hot Springs
Montezuma
Los Vigiles
STORRIE LAKE STATE PARK
Los Alamos
LAS VEGAS CITY
LAS VEGAS TOWN
San Geronimo
Fisher Hill
San Pablo
Romeroville
Ojitos Frios
McAllister Lake
Lake Isabel
Lake Isabel
Loma Parda

SANTA FE NATIONAL FOREST
SANTA FE GRANT
MORA GRANT
LAS VEGAS GRANT

APPROXIMATE MORA COUNTY SAN MIGUEL COUNTY LINE

61-25-S
65-68-S
65-67-S
61-26-S
59-28
67-28-S
61-27-S
60-26
59-27-S
76-13-S+
59-33-S
58-31-S
62-11-S
58-30-S
65-11-S
65-49-S
61-14-S
61-38-S+
67-31-S
61-22-S
65-10-S
64-42

Scale 1/63360 or 1 Inch = 3 Miles

DATE OF INVENTORY
MORA COUNTY 1960
SAN MIGUEL COUNTY 1960

LAS VEGAS QUADRANGLE 32

44

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-75-S	Gravel	Mora	Grant		Wiggins				-	5.6	
66-14-S	Basalt	Mora	Grant		Ft. Union Cattle Co.					4.2	
81-1-S	SAND & GRAVEL	JOHN SCOLLY	GRANT		MORE		5-1-82				
65-49-S	Sand & Gr	John Scolly	Grant		More				49.2	12.3	
65-46-S	Sand & Gr.	John Scolly	Grant		Shoemaker	Sept 1-65	-	7¢ Ton			
57-75-S	Gravel	"	"	"	Shoemaker	May 11, 65		7 Ton	38.0	4.6	
66-47-S	Sand & Gr	"	"	"	More Jr.				46.0	1.9	
89-19-S	SAND & GRAVEL	S½ NE¼ 1	20N	20E	FOXFIRE RANCH (Myrtle Dillard)				(Failed) 44.0, 41, 44.2		
57-67-S	Caliche		16N	20E	Phillips				40.0 30.0	-	
57-64-S	Caliche	NW 1	15N	20E	Phillips				-	-	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

21

WATROUS QUADRANGLE - 33

MORA & SAN MIGUEL COUNTIES

R.18E. R.19E. R.20E. R.21E. R.22E. R.23E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

Wagon Mound POP. 750

Valmora

Shoemaker

Watrous

Las Vegas

Trujillo

Alta Vista

Mora

San Miguel

Turkey Mountains

Gallinas Creek

Canadian River

Hermit's Peak

Sangre de Cristo Mts.

59-75-S

66-74-S

65-49-S

81-1-S

66-47-S

57-67-S

67-64-S

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

MORA COUNTY 1940

WATROUS QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
56-67-F	Sand	SW 11	20N	26E	Clegg.				–	–	
66-30-S	Caliche	W½ 12	20N	25E	Wendland	July 7-66	None	7¢ Ton	33.6 20.0 47.6	5.8	–
56-66-S	Caliche	NE 13	20N	25E	Graff.				–	–	
56-64-S	Caliche	30	20N	26E	Mahoney				–	–	
67-24-S	Caliche	NE¼ 10	20N	23E	Wooten	Later			27.2 Cap 26.4 Hard Cal.		
62-26-S	Gravel	35	20N	24E	Ray				36.8	7.0	
62-27-S	Gravel	25.26 35.36	20N	24E	Ray				39.2	8.0	
58-31-S	Gravel	NE¼ 35	20N	24E	Ray				–	–	
72-11-S	Caliche	SW¼ 11	20N	23E	~~Vigil~~ Moore Bair						
76-4-S	Caliche	N½ 12	20N	25E	Wendland						
81-2-S	CALICHE	NE¼ 10	20N	23E	WOOTEN						
89.9.9	CALICHE	SE¼ 12 NE¼ 13	20N	25E	EBELL					2.9, 0.3, 0.8 1.6	
82-11-S	SAND & GRAVEL	NE¼ 33	17N	24E	SANCHEZ.						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

22

ROY
QUADRANGLE - 34
SAN MIGUEL HARDING & MORA COUNTIES

67-24-S
81-2-S
72-11-S +
76-4-S
66-30-S
56-67-F
56-66-S+
56-64-S
62-21-S
82-13-S

R.23 E. R.24 E. R.25 E. R.26 E. R.27 E.

T.20 N. T.19 N. T.18 N. T.17 N. T.16 N. T.15 N.

ROY

Sabinoso

Trujillo

Bellano

HARDING COUNTY
SAN MIGUEL COUNTY

CANADIAN RIVER

MORA RIVER

PABLO

MONTOYA

GRANT

To Mosquero

To Mayhill Roswell

To Las Vegas

To Albuquerque

Longitude West from Greenwich.

Scale 1/253440 or 1 Inch = 3 Miles

DATE OF INVENTORY
Harding County 1956

ROY
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-115-F	Blow Sand	NE¼ 5	20N	32E	state.				—	—	
63-17-F	Blow Sand	5	20N	32E	state.						
60-20-S	Gravel	14	20N	30E	Libby				34.8	6.0	
81-19-S	BASALT	NW¼ 26	20N	30E	STATE						
81-17-S	CALICHE	E½ 14	18N	29E	MITCHELL						
88-19-S	CALICHE	NE¼ 28	19N	28E	EDNA M'CLUNG				39.4 29.8 35.2 33.6	16.4 10.9 10.7 13.8	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

23

MOSQUERO QUADRANGLE - 35

HARDING & SAN MIGUEL COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

Albert

Bueyeros

MOSQUERO
POP. 503

PABLO

MONTOYA

GRANT

60-20-S+

81-9-S+

81-17-S

63-17-P

63-115-P

88 EE-19-S

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

R.28E. R.29E. R.30E. R.31E. R.32E.

Scale 1 inch or 1 Inch = 3 Miles

DATE OF INVENTORY
HARDING COUNTY 1968
SAN MIGUEL 1970

MOSQUERO QUADRANGLE
35

47

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-7-S		NE¼ 33	17N	36E	Burns				26.0		
62-3-S	Sand & Gr.	SE 10 SW 11	16N	36E	Burns				24.0	13.0	
62-5-S	Gravel	SE 10 SW 11	16N	36E	Burns				28.4	11.8	
58-82-S	Sand & Gravel	SE¼ 16	15N	35E	State.				—	—	
59-44-S	Sand & Gr	16	15N	35E	State				28.0	2.6	
62-[illegible]-S	Sand & Gr	SE 21	15N	35E	May				29.2	3.9	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

24

NARA VISA QUADRANGLE - 36

QUAY HARDING & UNION COUNTIES

R.33E. R.34E. R.35E. R.36E.

T.20N. T.19N. T.18N. T.17N. T.16N. T.15N.

Hayden

Amistad

Mosquero

Logan

Nara Visa

1597-5

R.33E. R.34E. R.35E. R.36E. R.37E.

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

QUAY COUNTY 1966

NARA VISA QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
57-39-S	Basalt	NW 3	14N	19W	Navajo Ind.				16.4	3.4	
57-37-S	Limestone		14N	16W	Forest				—	—	
79-4-S	QUARTZITE	IN ARIZONA			NAVAJO NATION						
61-13-S	Limestone	27	13N	16W	Maribal				21.2	1.8	
80-6-S	GRANODIORITE	IN ARIZONA			NAVAJO NATION						
83-6-S	Limestone	E½ 8	12N	16W	Zuni Tribe						
58-121-F	Sand	SW¼ 6	10N	17W	Zuni Ind. Res.				—	—	
71-19-S	Sand & Basalt	NE¼ 17	10N	18W	Zuni Pueblo						
71-16-S	Andesite	SE¼ 31	10N	17W	Zuni Pueblo						
57-101-S	ROCK	32	10N	17W	Zuni Ind.				—	—	
63-7-S	Sand & Gr.	SE 1	9N	20W	Zuni Indian				42.0		

25

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

ZUNI PUEBLO QUADRANGLE-37

McKINLEY COUNTY

R.21 W. R.20 W. R.19 W. R.18 W. R.17 W. R.16 W.

T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

ARIZONA NEW MEXICO

Gallup Dellenae TWIN BUTTES REMNANT MESA Manuelito Chapin Mesa Ch. Zuni Pueblo Black Rock ZUNI BUTTES CIBOLA NATIONAL FOREST MILITARY RESERVATION Fort Wingate FORT WINGATE Upper Nutria McGaffey Pueblo

+57-38-S +57-37-S +61-13-S +83-6-S 71-19-S +51-10-S

Scale 1 inch or 1 Inch = 3 Miles

ZUNI PUEBLO QUADRANGLE 37

10

19

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
57-22-S	Limestone	NW 33	15N	14W	Ind. Allot.				24.8	—	
57-96-S	Limestone	33	15N	14W	" "				24.9	—	
57-23-F	Sand	NW 33	15N	14W	Ind. Allot				—	—	
56-70-S	Limestone	33	15N	14W	Govt. Ind. Allo.				24.0	—	
58-101-F	Sand	33	15N	14W	Ind. Allot.				—	—	
59-103-S	Limestone	S½ 33	15N	14W	Ind. Allot.				24.4 31.6	7.3	
57-145-S	Limestone	SE 12	14N	14W	Govt.				30.0	6.2	
78-6-S	LIMESTONE	S½ 18	14 N.	12 W.	NAVAJO NATION						
60-58-S	Limestone	18	14N	12W	Forest				21.2	1.5	
57-109-S	Sand & Gr.	SW 17	14N	12W	Elkins				—	—	
57-130-S	Fine Sand & Gr	17 20	14N	12W	Elkins				68.0	—	
62-21-S	Limestone	SW 10 NW 15	13N	11W	Elkins				22.8	11.6	
71-11-S	Limestone	SW4 16 SE4 17	13N	14W	Turpan						
61-15-S	Limestone	NE 4	12N	12W	State Park Co.					0.7	
78-36-S	LIMESTONE	SE4 9	13 N	11 W	ELKINS						
79-11-S	LIMESTONE	NE¼ 21	14 N	12 W	ELKINS						
78-24-S	LIMESTONE	SW4 7	12 N	12 W	HAGARMAN						
83-14-S	LIMESTONE	SE4 17	13 N	14 W	TURPIN						
78-25-S	LIMESTONE	S½ 20	12 N	12 W	U.S. GOVT.						
86-20-S	Limestone	SE¼ 15	11 N	15W	Navajo Land & cattle Co.						
90-1-S	Limestone	SE SE and NE SE 33	13N	13W	Charles BASS				24.0 29.9 37.9	2.5 4.0, 4.0	
82-25-S	LIMESTONE	SW¼ 33	10 N	13W	JOHN UNRUN						
64-50-S	Limestone	16	9N	12W	Forest				22.8	1.5	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

26

57-22-S
57-96-S
57-23-F
61-70-S
68-101-F

THOREAU QUADRANGLE-38
McKINLEY & VALENCIA COUNTIES

R.15W. R.14W. R.13W. R.12W. R.11W.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

CIBOLA NATIONAL FOREST
WINGATE MILITARY RESERVATION
Top O' the World
Thoreau
Prewitt
CONTINENTAL DIVIDE
LAS TUCES
McKINLEY COUNTY
VALENCIA COUNTY
BLUEWATER STATE PARK
Lookout Mountain 9126'
Mt. Sedgwick 9256'
Ojo Redondo
El Morro
EL MORRO NATIONAL MONUMENT
Ramah
NATIONAL FOREST

55-10-S
57-145-S
78-6-S
60-58-S
57-109-S
57-130-S
79-11-S
78-36-S
62-21-S
83-14-S
71-11-S
90-V-S
78-24-S
78-25-S
86-20-S
82-25-S

Longitude West from Greenwich

DATE OF INVENTORY
McKINLEY COUNTY 1956
VALENCIA COUNTY 1953

Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management; and Pueblo Grande Modified Grids

50

THOREAU QUADRANGLE
38

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
86-5-S	Sand & gravel	31	15N	6W	Michaels						
86-6-S	Sand & gravel	6	14N	6W	"						
86-9-S	Sand & gravel	Fernando Grant	14N	7W	Fernando Ranch (Lee)						
BO-11-F	SAND	NW¼ 23	13N	10W							
58-114-S	Sand & Gravel	San Mateo Springs Grant			Floyd Lee				38.0	-	
77-18-S	LIMESTONE	NE¼ 31	13N	9W	A.T.&S.F. RR.						
56-112-S	Limestone	NE 31	13N	9W	AT&SF RR				22.0	-	
56-113-S	" "	NE 31	13N	9W	" "				22.4	1.2	
65-27-S	Limestone & Sandy Soil	31	13N	9W	Santa Fe RR					5.3	
67-29-S	Limestone	36	12N	11W						23.2	
57-108-S	Gravel	SW 25	12N	11W	Roundy				—	—	
57-127-F	Sand & Fine Gr.	25	12N	10W	Roundy				—	—	
67-30-S	Limestone	SE¼ 3 NE¼ 10	11N	11W	U.S. Forest S.	R/W to Obl.				2.2	
89-18-S	Limestone	SW&SW 36	12N	11W	SLO						
67-31-S	Limestone	SE¼ 20	11N	10W	United Nuclear	?			17.2	4.8	
64-51-S	Limestone	20	11N	9W	Highway Dept.				27.6	~~5.0~~ 5.2	
57-83-S	Limestone	E² 29	11N	10W	Pickard.				20.4	-	
85.1-S 79-13-S	SAND & GRAVEL	SW¼ 2	8N	10W	HIGHWAY DEPT.						SHD 6352
61-16-S	Basalt	SW 5	10N	6W	Cubero Grant	June 29, 66	?	20¢ C.Y.			Not A.
61-17-S	Sand & Gravel	SW 32	11N	6W	Cubero					3.2	Not A.
70-16-S	LIMESTONE	S½ 4	10N	10W	B.L.M.						
59-25-S	(No Info.)										
57-71-S	Sand & Gr.	SW 2	10N	8W	Highway Dept.	Mar. 4-68		100.00 P/com.	30.8 33.2	6.6	
60-52-S	Sand & Gr.	—	—	—		(Not Sketched)				13.5	
57-42-F	Sand	SW 22	10N	9W	Gottlieb.				—	—	
61-18-S	Sand & Gravel	NW 23 NE 26	10N	8W	Acoma.				24.4	8.7	
61-23-S	Sand & Gr.	NW 25	10N	8W	Pasqual				21.6	3.6	
[illegible]	Sand & Gravel	SW SW 35	11N	8W	Ramon SANCHEZ				22.3, 19.9 31.6		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

27

GRANTS QUADRANGLE-39

McKINLEY & VALENCIA COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9W.

BARTOLOME FERNANDEZ GRANT

CIBOLA NATIONAL FOREST

CEBOLLETA MOUNTAINS

ACOMA INDIAN RESERVATION

LAGUNA INDIAN RESERVATION

LAVA FLOW

McKINLEY COUNTY

VALENCIA COUNTY

SAN MATEO SPRS GRANT TRACT NO 2

GRANTS

Milan

Bluewater

San Rafael

San Mateo

Cubero

Acomita

Seama

Casa Blanca

Ojo la Mora

Mt. Taylor

DATE OF INVENTORY

MCKINLEY COUNTY 1956

VALENCIA COUNTY 1953

GRANTS QUADRANGLE 39

51

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
77-21-S	SAND & GRAVEL	CEBOLLETA GRANT										
61-49-S	Sand & Gravel	SE 21	11N	5W	Ceboletta Grant				20.8 30.4	6.8 9.0		
61-50-S	Sand & Gravel	S½ 21	11N	5W								
61-14-S	Gravel	SW 33	11N	6W	Laguna Ind.	5-18-66	5-1-68	20¢ C.Y.	31.6	5.6	SHD 6324	
62-32-S	Sand & Gravel	SE 23	10N	5W	Laguna Ind.				30.8	9.6		
59-2-S	Sand & Gravel	SW 32	10N	5W	Laguna Ind.	5-18-66	5-1-68	20¢ C.Y.	26.4	6.0 9.9	SHD 6327	Ext. of
62-30-S	Sand & Gravel	NW 32	10N	5W	Laguna Ind.							
61-31-S	Sand & Gravel	NW 12	9N.	6W	Laguna Ind.					20.9		
61-35-S	Sand & Gravel	NW 12	9N.	6W	Laguna Ind.					20.9		
59-66-S	Sand & Gravel	E½ 14	9N	5W	Laguna Ind.				46.0	-		
59-100-S	Pea Gravel - Sand	NW 10	9N	2W	Laguna Ind.				30.4	-		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

28

LAGUNA
QUADRANGLE-40
BERNALILLO SANDOVAL McKINLEY & VALENCIA COUNTIES

R.6W. R.5W. R.4W. R.3W. R.2W.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

CIBOLA NATIONAL FOREST

MESA PRIETA

CEBOLLETA MOUNTAINS

CUESTA

SENORA DE LA LUZ

GRANT DE LAS LAGUNAS

CEBOLLETA GRANT

AGUA SALADA GRANT

CANADA DE LOS ALAMOS GRANT

CANONCITO NAVAJO INDIAN RESERVATION

LAGUNA INDIAN RESERVATION

PAGUATE PURCHASE

Marquez

Cebolleta

McKINLEY COUNTY

BERNALILLO COUNTY

Longitude West from Greenwich

DATE OF INVENTORY

BERNALILLO COUNTY 1938

LAGUNA
QUADRANGLE

Bob Casteel
293-3350
Has land on S. edge
Tijeras Arroyo E.
of I-25. Wants to
sell borrow.
1-8-85

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owne			ty	Wear	Sound.	Lease or Permit No.	
56-92-S	Gravel		13N	4E	Indian				25.6	-		
61-48-S	Gravel	SW 30	13N	4E	U.N.M.				26.4	1.6		
69-6-S	Gravel	Grant	12N	3E	Rio Ranch Estates	Did Not use			25.6	4.6		
69-7-S	Gravel				Montoya	Apr. 1-69	Apr. 1-72	7¢ Ton	32.6	3.9		
56-78-S	Gravel	Bern. Grant 1.7mi. E I-25 Interch.			Montoya				31.2 24.8			
66-49-S	Sand & Gravel	36	13N	3E	State Thatcher	Jan 7-68 23 Nov. 66	None	7¢ Ton	24.8	2.6	V-1509G SHD 7129	
56-91-S	Gravel	18	12N	4E	Indian				29.0			
67-16-S	Sand & Gravel	Alameda Grant			Rio Rancho Est.				24.8	3.9		
60-62-S	Sand & Gr.	36	12N	3E	Sandia Pueblo Rio Ranch				25.2	3.2		
76-17-S	Sand & Gravel	Town of Alameda Grant										
56-96-S	Sand & Gr.	2	11N	3E	Sandia Pueb				27.6			
57-45-F	Silt	2	11N	3E	Sandia Puebl				—	—		
60-60-F	Sand	(No sketch)										
58-127-S	Sand & Gravel	4	10N	3E	Alb. Gravel Products				23.2	—		
85-1-S	Basalt	Not sect.	9N	1W	orlando sanchez							
58-43-S	Limestone	14 23	10N	4E	Various				—	—		
57-25-S	Granite Sand	NE27	10N	4E	Johnson				32.0	—		
60-61-S	Sand & Gravel	-	—	—	—					2.7		
60-2-S	Gravel	NW 4	9N	3E	UNM					2.4		
60-3-S	Gravel	4	9N	3E	UNM					10.2		
60-4-S	Gravel	4	9N	3E	UNM					4.1	Bor 'A'	
60-23-S	Sand & Gravel	-	-	-	Giannini				25.6	1.4		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

29

ALBUQUERQUE QUADRANGLE - 41

BERNALILLO & SANDOVAL COUNTIES

R.1W. R.1E. R.2E. R.3E. R.4E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

SANTA ANA GRANT

Pueblo de Santa Ana

PUEBLO OF SANTA ANA

BERNALILLO

SANDIA

ALAMEDA GRANT

ALBUQUERQUE

TOWN OF ATRISCO GRANT

LAGUNA INDIAN RESERVATION

CANONCITO NAVAJO INDIAN RESERVATION

MESITA DE LAS VACAS

PAJARITO GRANT

ALAMEDA

GALLEGOS

MILITARY RESERVATION

Current U.S.G.S. Quad and Geodetic Survey U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

BERNALILLO CO. 1957

SANDOVAL CO. 1952

ALBUQUERQUE QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-17-S	Sand & Gravel	W½ 29	15N	6E	Santo Domingo	July 5-67	June 1-70	10¢ Ton	24.0	3.0	None
66-18-S	Sand & Gravel	26-27 34-35	15N	7E	Brown	8 Nov. 66	None	8¢ Ton	24.0	11.9	
67-37-S	Sand & Gravel	S½ 28	14N	5E	Highway Dept				24.8	8.7	
66-15-S	Sand & Gravel	27 28	14N	5E	San Felipe Inc.	Dec. 12-66	Nov. 15-69	10¢ Ton		10.0	
68-14-S	Monzonite	NW¼ 34	15N	8E	Eaves	July 19-68	July 19-73	10¢ Ton	25.6	~~13.9~~ 16.1	
56-7-S	Sand & Gr	NE 20	14N	8E	Arceo				—	-	
76-9-S	Sand & Gravel	SW¼ 29	15 N.	6 E.	Santo Domingo						
85-81-S	Diorite	NW¼ 18	14N	8E	Hall						
58-130-S	Sand & Gravel	-	-	-	Trigg				25.6	—	
79-1-S	SAND & GRAVEL	SW¼ 2 NW¼ 11	14N	5E	SAN FELIPE						
89-7-S	SAND & GRAVEL	NW SW 34	12N	6E	CAMPBELL FARMS (TOM BASSETT)				31.2 29.2 28.6	2.6 1.3 7.9	
58-77-S	Gravel	-	-	-	Campbell				26.8	—	
61-24-S	Limestone	Cibola Forest			Forest				24.0	2.1	
58-129-S	Limestone	-	-	-	Forest				23.6	-	
75-5-S	Limestone	SW¼ 31	11N	7E	Hill				24.7	0.7	
62-45-S	Limestone	NE 34	11N	6E	Pierson				16.4	6.6	
65-55-S	Limestone	8	10N	6E	Highway R/W				20.0	2.3	
65-56-S	Limestone	SE 10 SW 11	10N	6E	Schulz & Gonzales				18.4	5.0	
57-26-S	Limestone	8	10N	6E	Giannini				—	—	
58-9-S	Limestone	9	10N	6E	Giannini				21.6	0.7	
64-64-S	Limestone	SE 27	10N	7E	Adams	Dec. 6-66	—	10¢ Ton	25.0	1.1	
59-15-S	Limestone	NE 34	10N	5E					-	—	
63-30-S	Limestone	2	9N	5E	Forest				17.2	0.8	
69-22-S	Limestone	NW¼ 35	10N	7E	Bassett	Nov. 17-69	Approx Dec. 15-71	10¢ Ton	25.6	1.7	
62-46-S	Gravel	SW 1 SE 2	9N	7E	Williams				24.0	1.1	
72-6-S	Limestone	W½ 2	9N	5E	Forest						
72-6-S	Limestone	1	9N	5E	Forest						
72-6-S	Limestone	SW¼ 7	9N	7E	Loyd						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

30

SANDIA MOUNTAINS QUADRANGLE. – 42

TORRANCE BERNALILLO SANDOVAL & SANTA FE COUNTIES

R.4E. R.5E. R.6E. R.7E. R.8E. R.9E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

SANTA ROSA DE CUBERO GRANT

PUEBLO OF SAN FELIPE AND SANTO DOMINGO GRANT

SANTO DOMINGO PUEBLO

SAN FELIPE PUEBLO GRANT

SAN FELIPE

San Felipe Pueblo

INDIAN RESERVATION

ANGOSTURA GRANT

Algodones

Angostura

PUEBLO SANTA ANA GRANT

BERNALILLO GRANT

SAN ANTONIO DE PLACITAS GRANT

TOWN OF

HUERTAS

PLACITAS

Placitas

T.ON GRANT

BOCA NEGRA FOREST

SANDIA PUEBLO GRANT

ELENA GALLEGOS GRANT

Sandia Park

San Antonito

Cañoncito

Tijeras

Cedro

MESITA DE JUANA LOPEZ GRANT

Los Carrillos

Madrid

ORTIZ MINE GRANT

ORTIZ MOUNTAINS

SAN MARCOS PUEBLO GRANT

Golden

CANON DEL AGUA GRANT

SAN PEDRO MOUNTAINS

SAN PEDRO GRANT

SOUTH SAN PEDRO MOUNTAIN

SANTA FE COUNTY

BERNALILLO COUNTY

TORRANCE COUNTY

Edgewood

Moriarty

HOMES VALLEY

SANDIA MOUNTAINS FOREST

CIBOLA NATIONAL FOREST

Cedro Peak 7787

South Sandia Peak 10,682

Sandia Mountains – 84

To Albuquerque

To Santa Fe

To Los Lunas

To Estancia

To Moriarty

To Alameda

To U.S. 85

Longitude West from Greenwich

Scale 1/126720 or 1 Inch = 3 Miles

STATUTE MILES

DATE OF INVENTORY

BERNALILLO COUNTY 1964

SANTA FE COUNTY 1960

SAND[illegible] COUNTY 1961

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service Bureau of Land Management and Planning Division. Modified Conic Projection Standard

54

SANDIA MOUNTAINS QUADRANGLE 42

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
80-9-S	SAND & GRAVEL	SE^4 8	14N	10 E.	ORTIZ						
64-63-S	Limestone	N^2 17	14N	13E	Perea	Dec. 2-68	Dec. 2-70	10^4 Ton	30.4	3.6	
62-55-S	Limestone	SE 8 SW 9	14N	13E	Gavin				22.8	2.0	
62-56-S	Gravel	16	14N	13E	State					4.0	
62-53-S	Limestone	SW 18 NW 19	14N	14E	Melton				24.4	4.0	
62-48-S	Gravel	SW 19 SE 24	14N	14E 13E	Melton				27.6	3.0	
75-2-S	Sand & Gravel	NW 27	13N.	12 E.	King Bros.						
87-18-S	Sand & Gravel	NE 23	12N	9 E	King Bros.						
88-21-S	LIMESTONE	SW1/4-17	12N	21E	SAN Cristobal RANCH				23.6, 27.5	9.2, 4.1	
59-71-S	Limestone	SE29	10N	12E	—				20.0	0.5	
62-43-S	Limestone	31	10N	10E	O'Neal	July 6-66	open	7¢ Ton	21.2	0.6	
72-14-S	Sand & Gr.	SW13	9N	9E	Oaeling				37.2	44	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

31

LAMY
QUADRANGLE-43
SANTA FE SAN MIGUEL & TORRANCE COUNTIES

R.9E. R.10E. R.11E. R.12E. R.13E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

CANADA DE LOS ALAMOS GRANT

BISHOP

LAMY

JOHN GRANT

GALISTEO GRANT

SAN CRISTOVAL GRANT

TRIGOS GRANT

SANTA FE NATIONAL FOREST

SAN MIGUEL COUNTY

TORRANCE COUNTY

Stanley

Galisteo

Lamy

Rowe

Trigos

Ilfeld

Glorieta

Clarkville

Madrid

Moriarty

Estancia

Mountainair

Edgewood

Willard

Scale 1/62500 or 1 Inch = 1 Miles

Longitude West from Greenwich

DATE OF INVENTORY
SAN MIGUEL COUNTY 1960
SANTA FE COUNTY 1960
TORRANCE COUNTY 1961

Control by U.S. Coast and Geodetic Survey U.S. Geological Survey U.S. Forest Service Bureau of Land Management and Private Surveys. Modified Conic Projection Standard Parallel 33°30' North American Datum

LAMY
QUADRANGLE
43

55

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
64-40-S	Sand & Gravel	Tecolote Grant			Archuleta				38.8	7.5	
62-52-S	Gravel	19	14N	14E	Melton				27.6	3.0	
60-18-S	Gravel	NW 32	14N	14E	State				39.2	4.1	
63-28-S	Limestone	25	14N	14E	Melton				28.8	6.1	
64-38-S	—	SW 20	14N	15E	—						
64-39-S	Limestone	27 34	14N	15E	Williams				24.9	2.5	
67-2-S	Limestone	NE 6	12N	17E	Estate Lucero	May 22-67	None	7¢ Ton	22.8	8.8	
67-3-S	Limestone	SE 6 SW 5	12N	17E	Lucero	May 22-67	None	7¢ Ton	24.0	5.8	
67-4-F	Sandy Soil	NE 6	12N	17E	Lucero	May 22-67	None	7¢ Ton	—	—	
58-34-S	Gravel	Anton Chico Grant							32.8	5.3	
58-10-S	Limestone	SW 4 NW 4 24	11N	14E.	Butler						
67-1-S	Gravel	Anton Chico Gr.			Ant. Ch. Grant				44.0	7.1	
78-1-S	Sand & Gravel	Anton Chico Grant			Payne Pitman				35.4	5.4	
78-27-S	Sand & Gravel	"	"	"	Anton Chico Grant Assoc.						
83-10-S	Limestone	29	11N	16E.	Maestas						
86-26-S	Sand & Gravel	Anton Chico Gr.			Ant. Chico Gr.						
89-21-S	Sand & Gravel	Projected C-34	14N	16E	Tecolote Grant			(Failed)	47.2, 51.9 50.8	17.8, 10.0 16.9	
89-22-S	Gravel	NENE 33	14N	14E	Eligio Sanchez				28.6, 22.9 24.1	5.2, 3.9, 6.1	
82-37-S	Sand & Gravel									6.0, 11.8	
78-39-S	Sand & Gravel	SW 4 8 NW 4 17	9N	17E	Payne						
77-12-S	Caliche	NE 4 22	10N.	14E	9-Ranch						
52-5-S	Limestone	3	9N.	14E	Trujillo				28.0	-	
77-10-S	Limestone	Sk 3	9N	14E	Trujillo						
68-1-S	Sand & Gravel	Lots in 18	9N	17E	SHD				—	—	
58-55-S	Sand & Gravel	NW 4 17	9N	17E	Payne-York-Sears	9th Feb-68	Dec. 31-78	7¢ Ton	29.6	2.8	SHD 7241
58-7-S	Limestone	NE 11	9N	14E	SLO					17d 15.4 5.3 9.0	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

32

ANTON CHICO
QUADRANGLE – 44
SAN MIGUEL GUADALUPE TORRANCE COUNTIES

15C,000 Tons

R.14E. R.15E. R.16E. R.17E. R.18E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

SANTA FE NATIONAL FOREST

Tecolotito

64-40-S

Las Vegas

Main Agustin Grant

Los Montoyas

62-52-S

San Juan

89-ZLS

Hernal

Chapelle

Blanchard

Ribera

San Miguel

Laguna

ANTONIO

CUATRO MESA

MIDDLE MESA

WEST MESA

EAST MESA

ORTIZ

ANTON CHICO

Pueblo

Rena

SANTA FE NATIONAL FOREST

LA MESITA

67-4-S

67-3-S

MESA LADRONES

Villanueva

Corritos

GRANT

MESA CHUPINAS

Los Dirdos

Tecolotito

SAN MIGUEL COUNTY

GUADALUPE COUNTY

Anton Chico

Upper Anton Chico

Llano del Medio

Llano Viejo

Upper Dilia

83-10-S

78-1-S

87-27-S

86-26-S

Aurora

Dahlia

JACINTO MESA

77-12-S

57-1-S

77-10-S

88-7-S

No Goal

87-37-S

58-1-S

78-39-S

58-55-S

Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Corps of Engineers. Projection Standard Parallels 36° North Azimuthal Datum

Longitude West from Greenwich

Scale 1/62500 or 1 Inch = 3 Miles

STATUTE MILES

DATE OF INVENTORY
SAN MIGUEL COUNTY 1960
GUADALUPE COUNTY 1959
TORRANCE COUNTY 1961

ANTON CHICO QUADRANGLE 44

56

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

COLONIAS
QUADRANGLE - 45
GUADALUPE & SAN MIGUEL COUNTIES

R.19E. R.20E. R.21E. R.22E. R.23E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

LAS VEGAS
CARRO MESA
GRANT
MESA LAURIANO
ANTONIO ORTIZ
MONTOSA
Chaperito
MESA HUERFANA
AS 1421
CORAZON HILL
BECK
PRESTON
ANTON CHICO
CABRA HILL 5287'
MESA PINO
SAN MIGUEL COUNTY
GUADALUPE COUNTY
CHICO MESA
5369' CUERVO HILL
5309'
Colonias
MESITA DE GUADALUPE
JOSE
GRANT
CHICO
ANTON
PRESTON
BECK

Scale 1 inch or 1 Inch = 3 Miles

DATE OF INVENTORY
SAN MIGUEL COUNTY 1960
GUADALUPE COUNTY 1959

COLONIAS QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
58-22-S	Caliche	18	12N	26E	Monsimer				26.0 31.2	0.7		
57-103-S	Caliche	NW21	11N	27E	State				26.0 55.6	–		
59-38-S	Caliche	24	10N	27E	Beasley				26.8 48.0	5.0 2.4		
61-39-S	Caliche	W½25	10N	27E	State				26.4 50.0	7.1		
62-4-S	Caliche	NE26	10N	27E	Beasley					3.2		
57-51-S	Sand & Gr.	33 34	10N	25E	Branch				–	–		
62-12-S	Caliche	2-3 34-35	9N 10N	24E	State - Reilly					9.7		
62-33-S	Caliche	SE 9 N½ 16	9N	24E	State	Do Not Need	Canceled 9-18-67			5.1	5054	I-040-561
62-10-S	Caliche	14	9N	25E	Reilly					5.1		
62-6-S	Caliche	SW 18 S½ 13	9N	26E 25E	Reilly				27.6	11.8		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

34

CONCHAS DAM
QUADRANGLE - 46
GUADALUPE SAN MIGUEL & QUAY COUNTIES

R.23E. R.24E. R.25E. R.26E. R.27E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

PABLO MONTOYA GRANT CANADIAN

CONCHAS DAM STATE PARK

Conchas Conchas Dam P.O.

Vermejo Ranger Sta. P.O.

HIGH MESA

PRESTON BECK GRANT

Newkirk Montoya Conara

SAN MIGUEL COUNTY GUADALUPE COUNTY

SOUTHERN PACIFIC RAILROAD

FAS 1420 FAS 1427 FAS 1428 FAS 1429 FAS 1430 FAS 1431 FAP 3

Canadian River

+58 22-S

57-10-S 57-5-S 62-12-S 62-10-S 62-0-S 62-2-S 61-38-S 62-4-S

Scale 1 inch = 3 Miles

DATE OF INVENTORY

GUADALUPE COUNTY 1956

SAN MIGUEL COUNTY 1956

CONCHAS DAM QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-38-S	SAND & GRAVEL	NE¼ 23	13N	31E	GRIEGO						
57-156-S	Gravel	SE ¼ NE 23	13N	32E	Simms				—	—	
57-157-S	Sand & Gr.	SE ¼ SW 13	13N	32E	Simms				33.2	—	
56-62-S	Sand & Gr.	NE 20	13N	32E	Simms				38.0	-	
57-50-S	Sand & Gr	W½ 21	13N	32E	Simms				32.8	1.4	
56-63-S	Sand & Gr.	SE ¼ NE ¼ 23	13N	32E	Simms				34.0		
67-14-S	Gravel	(Grant)	13N	29E	Chappell				37.6	4.9	
67-19-S	Sand & Gravel	NW¼ 23	13N	31E	Cornett & Griego	May 17-67	None	7¢ Ton	32.0	7.1	
67-22-S	Sand & Gravel	SW¼ 14	13N	31E	Romero	Apr. 17-67	None	10¢ Ton	32.0	3.3	
67-15-S	Sand & Gr.	Montoya Grant				(No Good)			32.8	4.7	Did Not Report
71-6-S	Gravel	Montoya Grant	13N	29E	Chappell						
73-12-S	Gravel	Montoya Grant	13 N.	30 E.	Chappell	(No Good - Clay Balls)					Not Reported
73-14-S	Sand & Gravel	NE¼ 23	13 N.	32 E.	Sims & T.S. Comm.						
74-5-S	Sand & Gravel	Baca Locat. #2			Worley						
74-6-S	Sand & Gravel	Baca Locat. #2			Worley						
57-49-S	Sand & Gr.	SE 16	11N	30E	Allen				31.1		
59-39-F	Sand & Gravel Sandstone	19	11N	29E	Cambell				-	6.1	
67-11-S	Gravel	SE¼ 20	11N	30E	Morgan				30.4	11.4	
58-41-S	Gravel	SW¼ 16	10N	32E	—				—	—	
58-40-S	Gravel	NW¼ 5	9N	32E	Fife				—	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

35

TUCUMCARI QUADRANGLE-47

HARDING QUAY & SAN MIGUEL COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

BACA

LOCATION NO. 2

LIBERTY MESA

TUCUMCARI

TUCUMCARI METROPOLITAN PARK

MESA REDONDA

LONG HILLS

PABLO MONTOYA GRANT

CANADIAN RIVER

67-14-S 73-12.5+ 71-6 S +67.15 S Not Grid

67-22-S 67-17.3 68-38-S

45-79-F

+58.4 S

Longitude West from Greenwich

Scale 1 inch = 3 Miles

DATE OF INVENTORY

SAN MIGUEL COUNTY 1960

TUCUMCARI QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-105-F	Sand	SW 15	14N	34E	State.				—	—	
86-1-S	Sand & Gravel	2&3	13N	34E	Merrick	17 Jan 86	3-1-88				
73-7-S	Sand & Gravel	NW¼ 15	13N	33E	Romaro		Feb. 75				
71-15-S	Gravel	NW¼ 13 S½ 12	13N	33 E	Bain et al						
58-69-F	Silt.	NW¼ 7	13N	34E	State.				—	—	
58-61-S	Sand & Gravel	NE¼ 12	13N	33E	Meeks				37.1	0.9	
58-80-S	Sand & Gravel	NE¼ 12	13N	33E	Meeks				—	—	
57-58-S	Gravel	SW 24	13N	33 E	Lawrence				280	—	
73-13-S	Gravel	SE¼ 12	13 N.	33 E.	Bain	June 73		7¢ Ton			
71-4-S	Gravel	NW¼ 15	13 N.	136 E.	B.U. Terry	Apr. 71	4-5-74	7¢ Ton			
70-19-S	Sand & Gravel	SW¼ 10	13 N.	36E	B.U. Terry	Oct. 70	10-27-73	7¢ Ton			
84-4-S	Sand & Gravel	S½ 33 N½ 4	14N 13N	34E 34E	Gene Cox & others						
85-2-S	Sand & Gravel	NW 5 SW 6	13 N	34 E	Bain						
85-24-S	Sand & Gravel	NE 4	13N	34E	Cox						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

36

LOGAN QUADRANGLE-48

QUAY & HARDING COUNTIES

R.33E. R.34E. R.35E. R.36E. R.37E.

T.15N. T.14N. T.13N. T.12N. T.11N. T.10N. T.9N.

Logan

Porter

Bard

Endee

SAN JON

CANADIAN RIVER

NEW MEXICO — TEXAS

Control by U.S. Coast and Geodetic Survey, U.S. Geological

Longitude West from Greenwich

Scale 1 inch or 1 Inch = 3 Miles

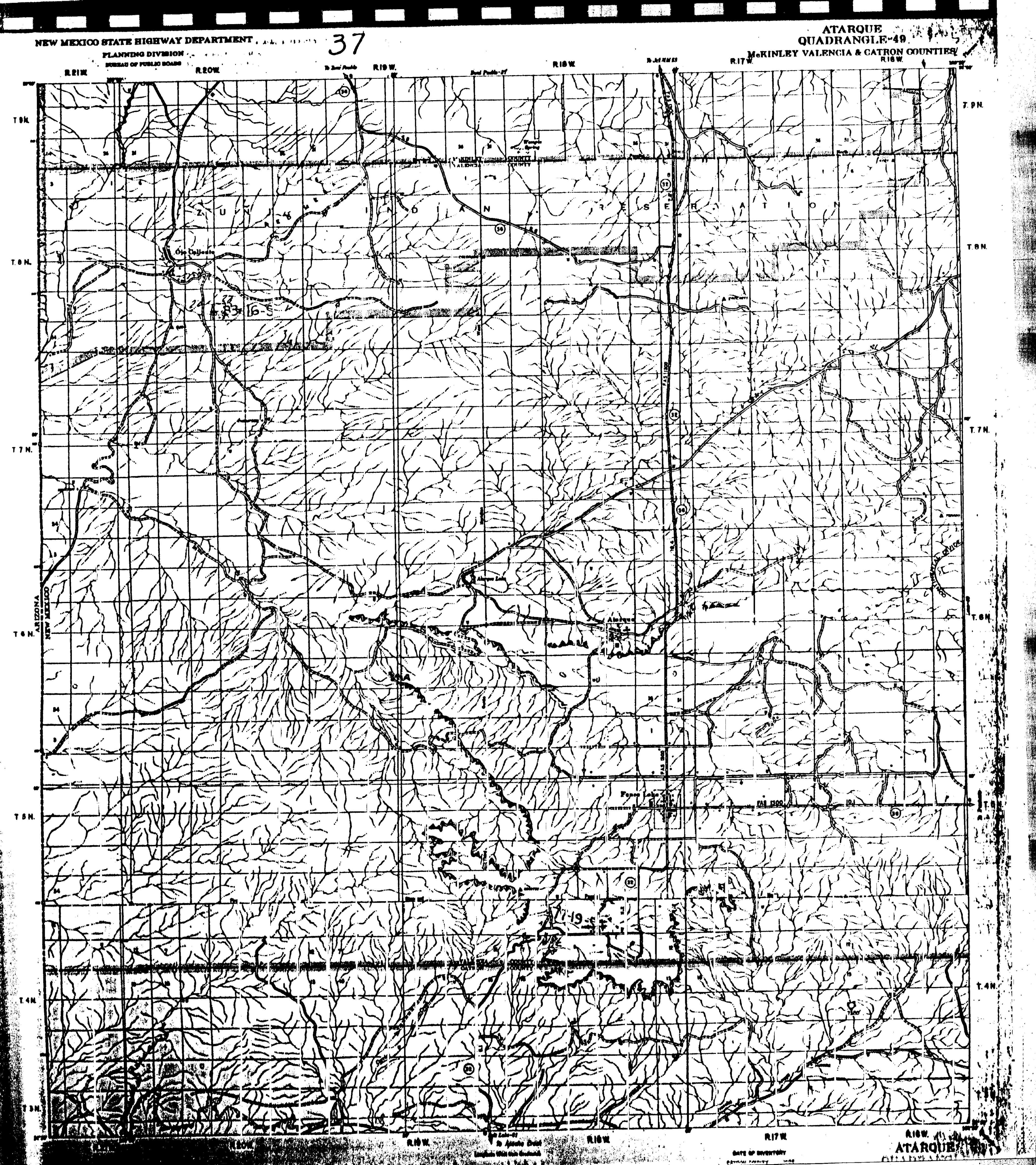
DATE OF INVENTORY

QUAY COUNTY 1956

HARDING COUNTY 1951

LOGAN QUADRANGLE 48

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
83-16-S	LIMESTONE	27	8N.	20W	Zuni Tribe						
77-19-S	SAND, GRAVEL & ROCK	SW¼ 3	4N.	18W	MYERS						



NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS
37
ATARQUE
QUADRANGLE-49
McKINLEY VALENCIA & CATRON COUNTIES
R.21W.
R.20W.
R.19W.
R.18W.
R.17W.
R.16W.
T.9N.
T.8N.
T.7N.
T.6N.
T.5N.
T.4N.
T.3N.
Z U N I INDIAN RESERVATION
Ojo Caliente
Atarque
Atarque Lake
Fence Lake
FAS 1300
ARIZONA
NEW MEXICO
CONTINENTAL DIVIDE
DATE OF INVENTORY
ATARQUE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
68-21-S	Soil, Rock & Gravel	SW¼ 4	4N	15W	Woodard	July 12-68	July 31-70	7¢ Ton	24.0	17.7	
77-20-S	SAND, GRAVEL, & ROCK	NE¼ 5	4N	15W	GREEN						
59-117-S	Sand & Gr.	1	3N	15W	Hubbel Sheep Co.				-	30.1	
59-118-S	Broken Rock Dyke	-	-	-	-				-	0.9	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

38

LAVA
QUADRANGLE-50
McKINLEY VALENCIA & CATRON COUNTIES

R.16 W. R.15 W. R.14 W. R.13 W. R.12 W. R.11 W.

T. 9 N. T. 8 N. T. 7 N. T. 6 N. T. 5 N. T. 4 N. T. 3 N.

CIBOLA NATIONAL FOREST

CONTINENTAL DIVIDE

CONTINENTAL

68-71-36

20-5

59-111-5

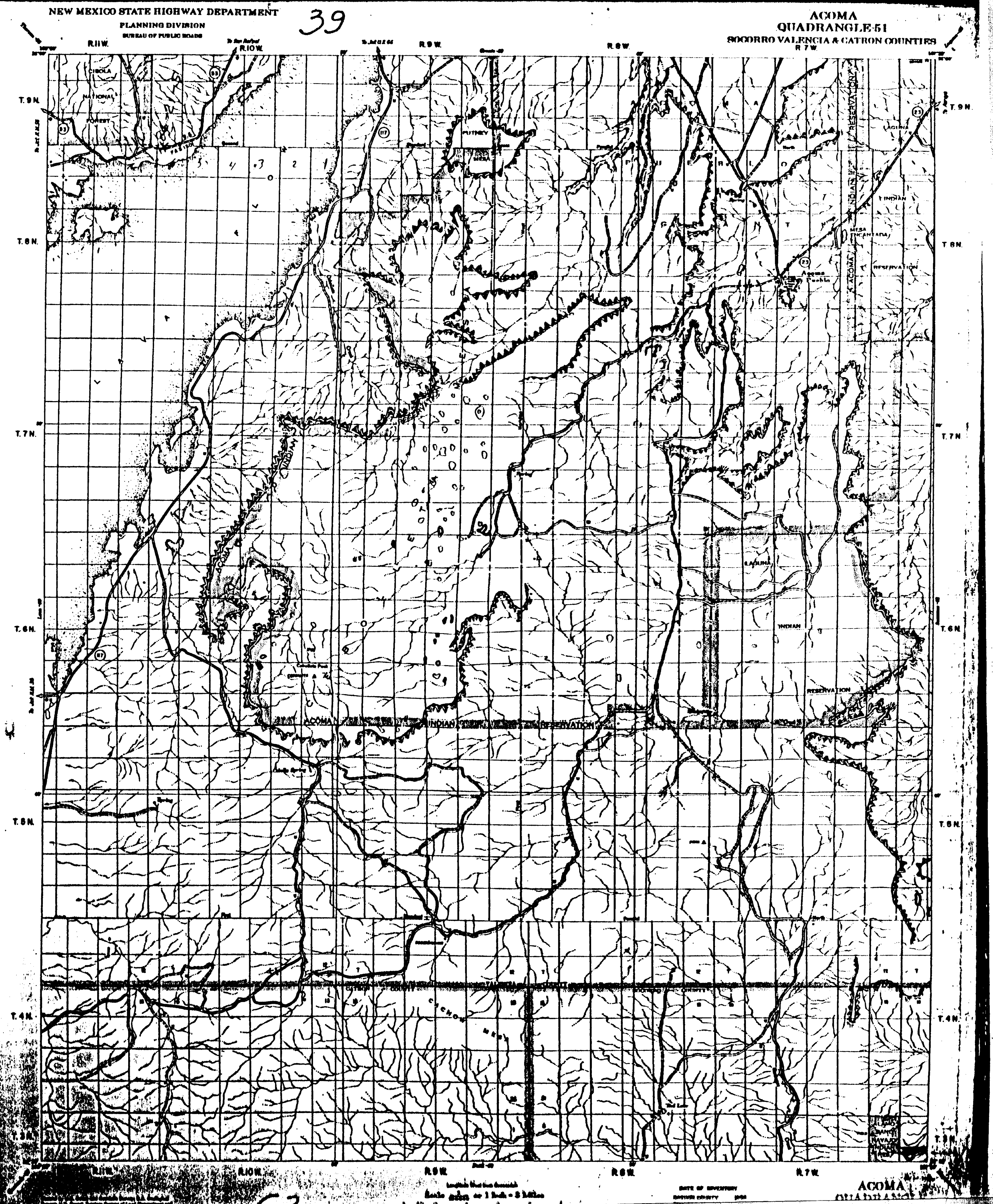
DATE OF INVENTORY

CATRON COUNTY

MCKINLEY COUNTY

LAVA
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
86-21-5	Limestone	NW¼ 6	8N	10W	Porter						



NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS
39
ACOMA
QUADRANGLE-51
SOCORRO VALENCIA & CATRON COUNTIES
R.11W.
R.10W.
R.9W.
R.8W.
R.7W.
T.9N.
T.8N.
T.7N.
T.6N.
T.5N.
T.4N.
T.3N.
CIBOLA
NATIONAL
FOREST
PUTNEY
MESA
ACOMA
INDIAN
RESERVATION
LAGUNA
MESA
ENCANTADA
Acoma
Pueblo
INDIAN
LAGUNA
INDIAN
RESERVATION
ACOMA
ALAMO
NAVAJO
INDIAN
ACOMA

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
57-77-S	Limestone	14	9N	5W	Laguna Ind.				—		
57-78-S	Shale & Quartsite	26	9N	5W	"				—	—	
57-76-F	Blow Sand	NW29	9N	4W	"				—	—	
65-31-S	Limestone	SW34	9N	5W	Laguna Ind.				20.6 27.2	7.7 3.59	
57-148-F	Silt.	NW28	9N	3W	" "				—	—	
57-80-F	Silt	NW28	9N	3W	"				—	—	
57-79-S	Malpia	W½33	9N	3W	" "				—	—	
57-124-S	Sand & Fine Gr.	E½12	8N	4W	" "				22.8	—	
57-65-S	Sand & Gr.	E½12	8N	4W	" "						
									29.2	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

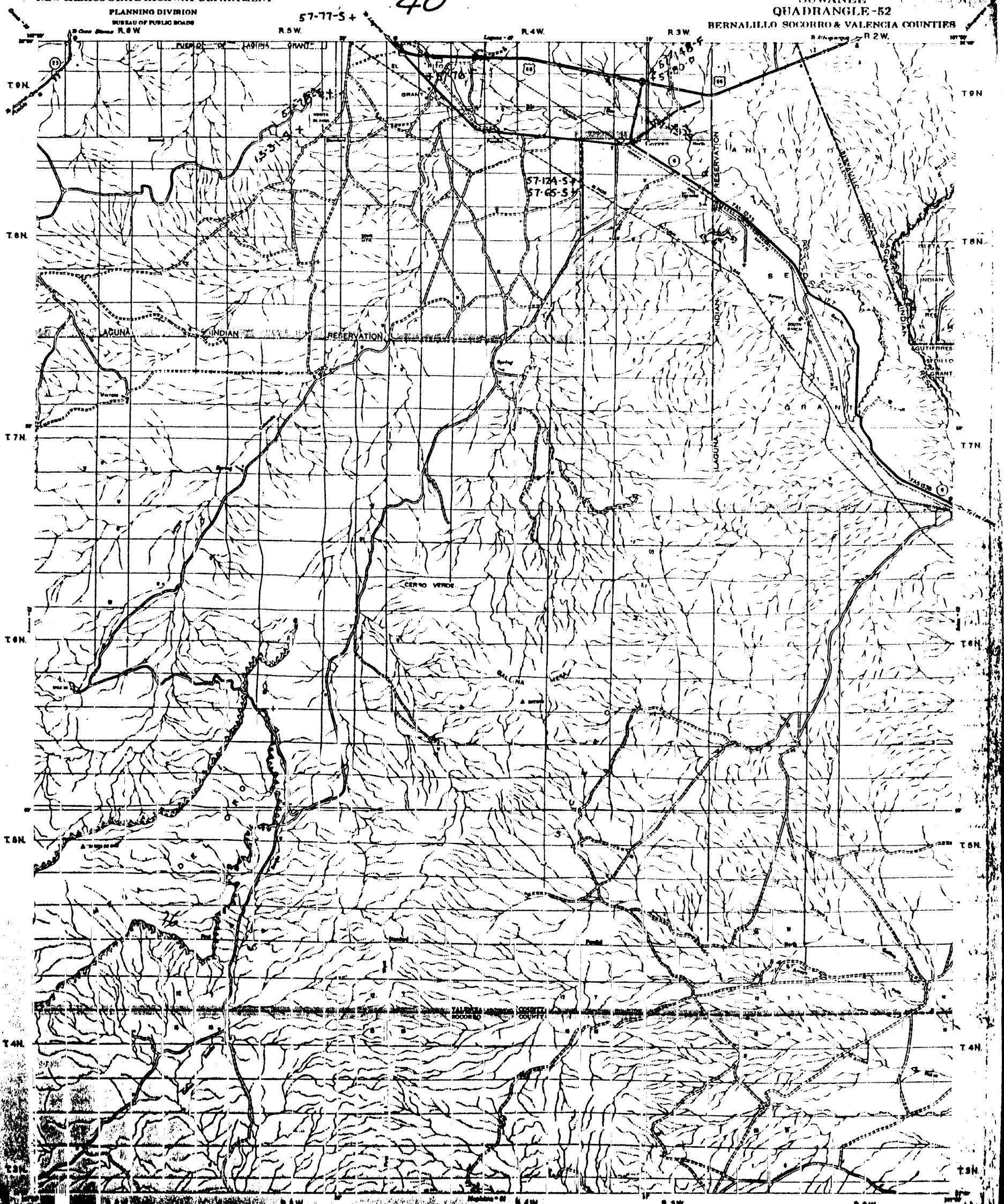
PLANNING DIVISION

BUREAU OF PUBLIC ROADS

40

SUWANEE QUADRANGLE-52

BERNALILLO SOCORRO & VALENCIA COUNTIES



PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
56-115-S	Sand & Gr	NW¼ 17	8N	4E	Isleta Pueblo				–	–	
67-41-S	Sand & Gravel	NE¼ 10 NW¼ 11	8N	2E	Isleta Pueblo				25.2	3.6	
57-4-S	Sand & Gr.	26	8N	3E	Isleta Pueblo				24.4	–	
67-39-S	Sand & Gravel	28 33	9N	2E	Giannini				21.2	2.8	
64-68-S	Gravel	28,32,33	8N	3E	Isleta Pueblo	Aug 1, 66	Aug 1-69	10¢ Ton	20.0	1.2	
72-8-S	Gravel	NW¼ 31	7N	3E	Cordova	May, 72	May 73				
65-29S	Dasite				Huning				21.2	7.4	
65-28-F	Fine Sand				Huning				–	–	
57-136-S	Soil & Rock	36	7N	2E	"				31.2	1.5	
56-10-S	Gravel	SW 31	7N	3E	Orona				25.2	–	
57-133-S	Gravel	SW 31	7N	3E	"				25.6	–	
68-22-S	Caliche	S½ 6 N² 7	6N	3E	Campbell	None			21.2	3.6	
73-1-S	Sand & Gravel	S² 30	7 N.	3E.	Otero Interprises	Jan. 73					
57-143S ✓	–	Tome Claim SM		2E	Tome Claim				–	–	
64-1-S ✓	Sand & Gr	18	22N	1W	Mora						old # 55-59
66-1-F	Sand & Fine Gr.		5N	1E	Sanchez	R/W to negotiate			–	–	–
57-104-F ✓	Blow Sand	–	–	–	Campbell Farms				–	–	
85-26-S	Sand & Gravel	Casa Colorado Grant	4N	4E	Horizon Corp						
85-9-S	Sand & Gravel	Casa Colorado Grant	3N	2E	Jaramillo						
56-97-S ✓	Sand & Gr.	NW¼ SE¼	3N	2E	Miranda				28.8	–	
56-98-S	Sand & Gr.	NW¼ SW 3	3N	2E	Miranda				–	–	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

41

BELEN
QUADRANGLE-53
BERNALILLO SOCORRO & VALENCIA COUNTIES

R.1 W. R.1 E. R.2 E. R.3 E. R.4 E.

T.9 N. T.8 N. T.7 N. T.6 N. T.5 N. T.4 N. T.3 N.

ISLETA INDIAN RESERVATION

ISLETA PUEBLO GRANT

ANTONIO GUTIERREZ AND JOAQUIN SEDILLO GRANT TRACT NO 2

LO DE PADILLA GRANT

CLEMENTE LOPEZ

NICOLAS DURAN DE CHAVES GRANT

T O M E

C L A I M

C A B A L L O

COLORADA GRANT

SANDIA MILITARY RESERVATION

LAVA

WIND MESA

BLACK MESA

PARES MESA

Isleta Pueblo

Peralta

BELEN

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
64-44-S	Limestone	NW 16	8N	8E	State		Canceled 1-9-74 (Not needed)		28.0	8.6	M-14639
83-18-S	Limestone	NW¼ 14	8N	6E	Mora						
57-122-F	Sand	SE 3	7N	8E	Hayes				—	—	
57-123-F	Sand	SE NE 3 10	7N	8E	"				—	—	
56-105-S	Soil & Gr.	16	7N	7E	Lundy				—	—	
56-106-S	Limestone	16 17	7N	7E	Lundy				28.8	—	
69-15-S	Soil & Gravel	NE¼ 10 SE¼ 15	7N	8E	Mike Anaya	None				4.9	
64-45-S	Limestone	NW 24	7N	7E	Weimer				30.0	1.2	
79-7-S	LIMESTONE	NW¼ 24	7N.	7E	WEIMER						
76-1-S	Sand & Gravel	SW¼ 31	6N.	8E.					(Dist. 5 Maint.)		
56-11-F	Sand	SW 6	4N	9E	Koger				—	—	
57-116 F	Sand	SW 6	4N	9E	Koger				—	—	
53-S	Gravel	SW 8	3N	7E	Shaffer				32.4	10.9	

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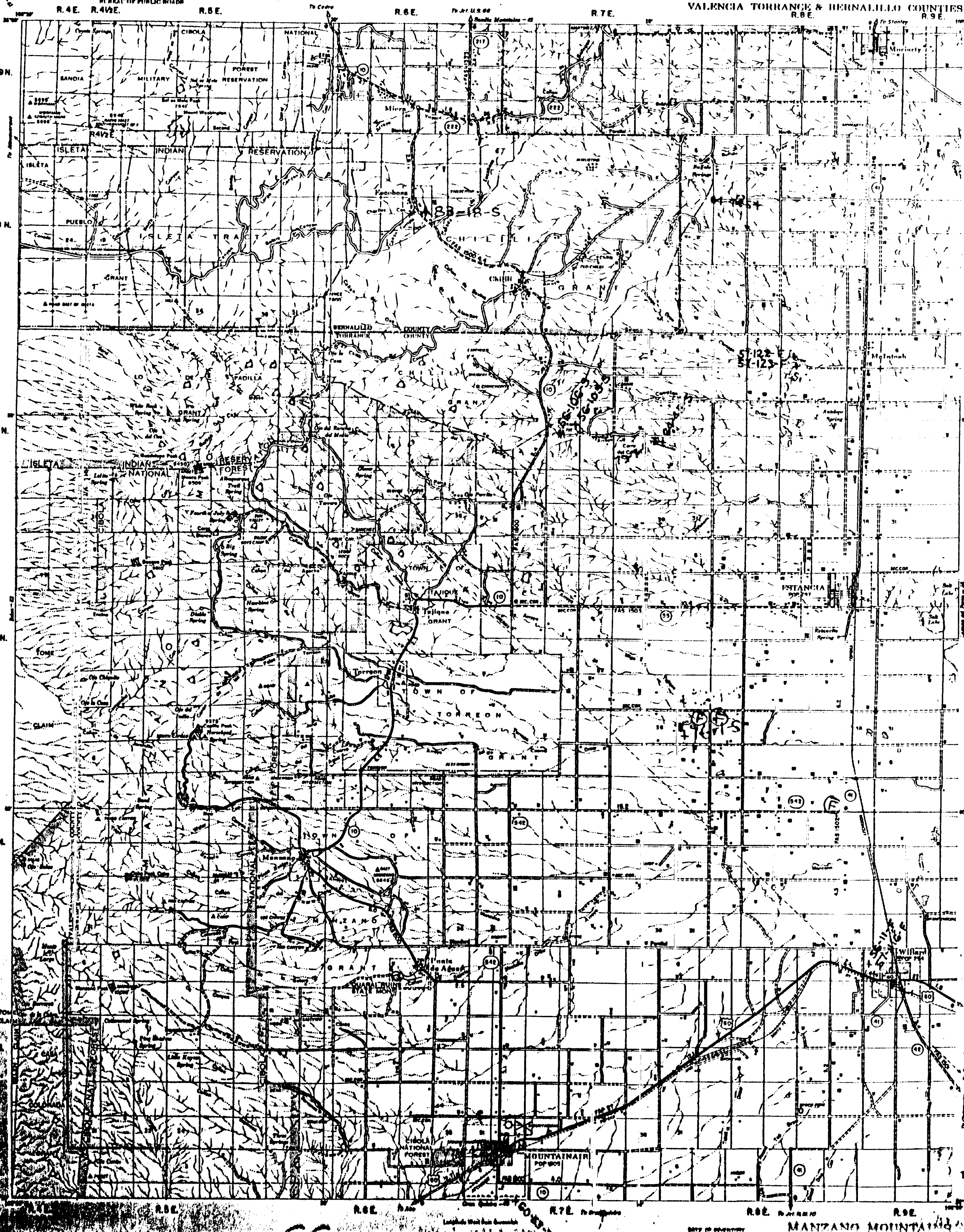
NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

MANZANO MOUNTAINS QUADRANGLE—54

VALENCIA TORRANCE & BERNALILLO COUNTIES



PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
87-1-S	limestone	SW 26 (29)	9N	11E	L. Hagerman							
56-2-S	Gravel	SE 23	9N	10E	Harvey				36.2	-		
56-3-S	Gravel	SE 23	9N	10E	Harvey				38.0	-		
59-10-S	Fine Sand & Gr.	27 28	9N	10E	Ernamonspi				-	5.6		Not Rip
59-11-S	Quartsite	7	8N	10E	BLM				20.2	1.4		
59-16-S	Sand & Gravel	NE 33	9N	9E	Davis				-	2.6		
59-24-S	Rock	SE 27 NE 34	9N	9E	Davis				-	-		
61-19-S	Limestone	NW¼ 26	9N	11E	State	12th June, 66	6-15-12 Yearly	25¢ Yr.	23.2	3.0	SHD 6375 M14837	
61-20-F	Sand & Gr.	NW 22	9N	12E	State	27th June 66	"	"	-	-	SHD 6375 M-14845	
64-43-S	Sand & Gr.	NE 33	9N	9E	Davis				31.6	1.7		
59 23-S	Sand & Gr.	NW 15	9N	12E	State				30.0	5.0		
59-22-S	Quartsite	NE 1	7N	12E	Harrel				24.0	0.7		
79-6-S	SAND & GRAVEL	SE¼ 35	8N	9 E	BERKSHIRE							
86-10-S	Monzonite?	SE¼ 34	9N	9E	Paul Davis, Jr.							
88-2-S	Quartzite	Did not survey, tests only										

43

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

LAGUNA DEL PERRO QUADRANGLE – 55
TORRANCE COUNTY

R.9E. R.10E. R.11E. R.12E. R.13E.

T.9N. T.8N. T.7N. T.6N. T.5N. T.4N. T.3N.

56-2-S
56-3-S
59-10-S
+87-1-S
+61-19-S
59-23-S
61-20-S
59-24-S
56-10-S
56-43-S
96-19-S
56-11-S
79-6-S*
59-22-S

LA SALINA GRANT

Scale 1 inch = 3 Miles

LAGUNA DEL PERRO QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
57-40-S	Limestone	E½ 4	8N	14E	State				26.8 36.0 21.2	–	
57-41-S	Caliche	E½ 21	9N	15E	State				–	–	
58-16-S	Caliche	N½ 25	9N	16E	York				–	–	
59-13-F	Sand	NE 27	9N	16E	Lucero						
57-13-F	Sand	NE 27	8N	18E	Romero				–	–	
57-113-F	Blow Sand	SW 29	7N	14E	Bigbee				–	–	
BB-22-S	LIMESTONE (KARST)	SW¼ 9	8N	14E	Henry (Lobo R. ranch) Singleton				20.0, 24.0	5.5	
87-14-S	Limestone	SE 15	6N	18E	Perez				No Good		
58-44-S	Gravel	NE¼ 1	5N	17E	Perez Jr.				22.0	–	
86-13-S	Limestone	S½ 29	5N	17E	Eugenio Perez				–	–	
59-5-S	-	SW 35 SE 34	5N	16E	Maint						
66-3-S	Sand & Gravel	SE¼ 34	5N	16E	Garcia	Jan 27, 66	None	7¢ Ton	25.8	8.9	–
72-18-S	Sand & Gravel	SW¼ 1	4N	16E	Cormany						
72-19-S	Sand & Gravel	NE¼ 1	4N	16E	Vicinta						
86-11-S	limestone	12	4N	15E	R. Harley						
77-3-S	limestone & Caliche	N½ 25	4N	15E	Vicente						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

44

VAUGHN QUADRANGLE - 56

GUADALUPE & TORRANCE COUNTIES

R.14E. R.15E. R.16E. R.17E. R.18E.

T.9N. T.8N. T.7N. T.6N. T.5N. T.4N. T.3N.

ANTON CHICO GRANT

VAUGHN

MESA LEON

Pinlada

R.15E. R.16E. R.17E. R.18E.

VAUGHN QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-24-S	Sand & Gravel	SW¼ 20	9N	21E	Craig & Shaw	May 16, 66	None	7¢ Ton	27.2 35.2	5.2	
58-134-F	Soil	NE¼ 25	9N	18E	Marquez				—	—	
57-5-S	Caliche	NE 33	9N	19E	Apodaca				32.8 51.2	—	
66-23-S	Sand & Gravel	33	9N	21E	Max Elvira					9.3	
56-90-S	Caliche	35	9N	20E	Moise				31.2 78.8	—	
57-6-S	Gravel	SE 4	8N	21E	Serrano				—	—	
56-47-S	Sand & Gr	SE 4	8N	21E	"				16.0	—	
57-54-S	Gravel	SW 4	8N	21E	"				—	—	
57-84-S	Gravel	NW 3	8N	21E	Berella				35.6	2.2	
69-14-S	Caliche	NE¼ 27	7N	19E	Southwest Grazing Inc.	To be given if needed				12.5	
62-39-F	Sand & Gr.	SW 3 SE 4	8N	22E	Moorhouse						
66-46-S	Caliche	E½ 32	9N	19E	State				27.2	15.2	
84-3-S	Sand & Gravel	SE¼ Swt. Sec. 10	9N	21E	Floyd Shaw					2.4; 3.2; 15.4	
86-31-S	Sand & Gravel	4	8N	22E	J.T. White						
89-36-S	Caliche	13	7N	20E	M.A. Hailey						
65-9-S	Sand & Gr.	SW 36	7N	22E	State					11.5	
87-36-S	caliche										
71-8-S	Gravel	NE4 7	6N.	23E.	Monzingo & State	Apr. 22, 71	Apr. 22, 74	7¢ Ton	26.0	6.2	
89-6-S	Sand & Gravel	NW¼NW¼ NW¼ NW¼	9-BN-21W 1-BN-21W		Ernest Chavez					7.5	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

45

SANTA ROSA QUADRANGLE-57

GUADALUPE & DE BACA COUNTIES

R.18E. R.19E. R.20E. R.21E. R.22E. R.23E.

T.9N. T.8N. T.7N. T.6N. T.5N. T.4N. T.3N.

ANTON CHICO GRANT

PEREA GRANT

SANTA ROSA

Puerto de Luna

Pastura

Ben Ignacio

FAP 20 FAP 30 FAS 1400 FAS 1402 FAS 1406

66-46-5 66-83-5 66-134-5 66-14-5 66-365 66-3-5 66-5-5 66-7-5

Scale 1 Inch = 5 Miles

DATE OF INVENTORY
GUADALUPE COUNTY 1938
DE BACA COUNTY 1938

SANTA ROSA QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
76-14-S	Caliche	S½ 25	7N	27E	RF Kriling						SLO-B-01212.

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

46

ALAMOGORDO DAM
QUADRANGLE-58

QUAY DE BACA & GUADALUPE COUNTIES

R.23E. R.24E. R.25E. R.26E. R.27E.

T.9N. T.8N. T.7N. T.6N. T.5N. T.4N. T.3N.

GUADALUPE COUNTY

QUAY COUNTY

DE BACA COUNTY

16 4-5

R.23E. R.24E. R.25E. R.26E. R.27E. R.28E.

ALAMOGORDO DAM

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-6-S ✓	Gravel	SE15	7N	30E	Haynes				-	13.1	
77-24-S	CALICHE	NW¼30	7N	30E	DOWNEY						
81-3-S	CALICHE	NW¼11	5N	31E	WILLIAMS						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

DEPARTMENT OF PUBLIC ROADS

47

RAGLAND QUADRANGLE - 59

CURRY DE BACA QUAY & ROOSEVELT COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E.

T.9N. T.8N. T.7N. T.6N. T.5N. T.4N. T.3N.

Quay

Ragland

Portrail

McAlister

Floyd

C A P R O C K

DE BACA COUNTY

ROOSEVELT COUNTY

CURRY COUNTY

QUAY COUNTY

FAS 1408 FAS 1410 FAS 1409 FAS 1247 FAS 1259 FAS 1260 FAS 1263 FAS 1262

FAP 24

77-2

81-3

71

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

CURRY CO.	1957
DE BACA CO.	1958
QUAY CO.	1956

RAGLAND QUADRANGLE 59

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
56-57-F	Sand.	SW 22	9N	34E	Lane				—	—	
56-58-S	Caliche	NE 29	9N	34E	State				34.0 64.8		
71-17-S	Caliche	34	9N	34E	Frost Estate						
58-39-S	Caliche	9	8N	33E	Dennis				28.4 41.2	—	
86-7-S	Caliche	34/3	9N/8N	33E	Otis Duke						
57-16-S	Caliche	SW 13	7N	35E	Hutchins				31.2 38.8	—	
58-7-S	Caliche	SW¼ 35	6N	35E	Vineyard				29.2 42.0	—	
58-8-F	Blow Sand	NE¼ 10	5N	35E	Vineyard				—	—	
57-27-F	Blow Sand	NW 11	5N	35E	"				—	—	
65-50-S	Caliche	NE 12	5N	36E	State				21.6 26.4	8.4 4.2	
59-50 F	Blow Sand	SW 17	5N	37E	McCullough				—	—	
61-12-S	Caliche	SW 32	5N	34E	Garrett					1.5	
58-4-S	Caliche	SE¼ 2	4N	36E	Goar				34.8 23.6	—	
58-5-S	Caliche	SE¼ 2	4N	36E	Goar				26.4 53.6	16.9	
65-48-S	Caliche	SW 8	4N	37E	Rodgers						
59-49-S	Caliche	NW 16	4N	37E	State				20.8 22.4	4.1	
59-1-S	Caliche	NE 16	4N	35E	Whitman				21.6 32.8	7.6	
59-98-S	Caliche	NE 25	Syndicate B		Hester.	?			-	16.8	
70-20-S	Caliche	N. Part T. 7 S. R. 8 NE¼ Block B				No Sketch Info. Only					

48

PLANNING DIVISION
BUREAU OF PUBLIC ROADS

QUADRANGLE 60
QUAY & CURRY COUNTIES

R.33E. R.34E. R.35E. R.36E. R.37E.

T.9N. T.8N. T.7N. T.6N. T5N. T.4N. T.3N.

Wheatland Comm. P.O.
Grady P.O. pop 100
Broadview
Roscoe P.O.
Pleasant Hill

QUAY COUNTY
CURRY COUNTY

NEW MEXICO / TEXAS

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Planning Division—Modified Conic Projection Standard Parallel 34°N North American Datum

72

Scale 1/126720 or 1 Inch = 2 Miles

DATE OF INVENTORY
CURRY COUNTY 1957
QUAY COUNTY 1956

GRADY
QUADRANGLE
60

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
72-17-F	Sand	NW 43	1N	16W	Garcia	11-30-72	11-30-74	.07¢			
BB-15-S	BASALT	SE¼ 13	T2N	R17W	BACA				17.0 14.8 10.3	8.5 11.7 20.2	
68-12-S	Basalt	NE 6	1S	18W	BLM		1999		15.9	8.2	
66-7-S	Gravel	NW 3	1S	21W	Govt	?				4.7	
68-24-S	Sand & Gravel	E½ 8	1S	16W	Forest	None			23.2 33.2		
68-23-S	Sand & Gravel	SE 7	1S	16W	Williams	10-16-68	?	7¢ Ton	28.4	32.3	
65-32-S	Sand & Gr.	NE 14	1S	20W	Govt				17.2	12.8	
65-33-S	Sand & Gr.	NW 13	1S	20W	Govt				19.2	7.7	
66-22-S	Basalt	SE 25	1S	21W	BLM	2-13-67	12-30-68	Free use	17.2	1.7	
69-21-F	Silty Sand	NW 13	2S	17W	U.S. Forest						
68-25-S	Andesite	SW 14	2S	17W	Chavez	Nov. 6-68	Nov. 6-72	7¢ Ton	15.4	1.8	
70-7-F	Sand	NW 18	3S	17W	U.S. Forest						
68-9-S	Andesite	SE 25	3S	18W	US Forest	1/W			24.4	1.7	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

49

SALT LAKE QUADRANGLE-61

CATRON COUNTY

R.21W. R.20W. R.19W. R.18W R.17W R.16W.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

NEW MEXICO ARIZONA

APACHE NATIONAL FOREST

MANGITAS PLAT

Red Hill

Quelle Lake

Quelle Spring

Escondido Mesa

Cuelle Lake Peak 9218'

Large Mesa 8033'

To Apache Creek

68-24

68-23

68-25

69-21-F

68-15

297-F

14-7S-17W

SALT LAKE QUADRANGLE

73

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
58-87-S	Sand & Gravel	SW¼ 9	2N	15W	E.H.D. Hall Govt.				21.6	4.0		Extentaf
58-87-S Ext.	"	NW¼ 9	2N	15W	E.D. Hall							
88-1-S	Sand & Gravel	SE¼ 3	35	13W	D. Myler					9.2 6.6	11.8	

NEW MEXICO STATE HIGHWAY DEPARTMENT

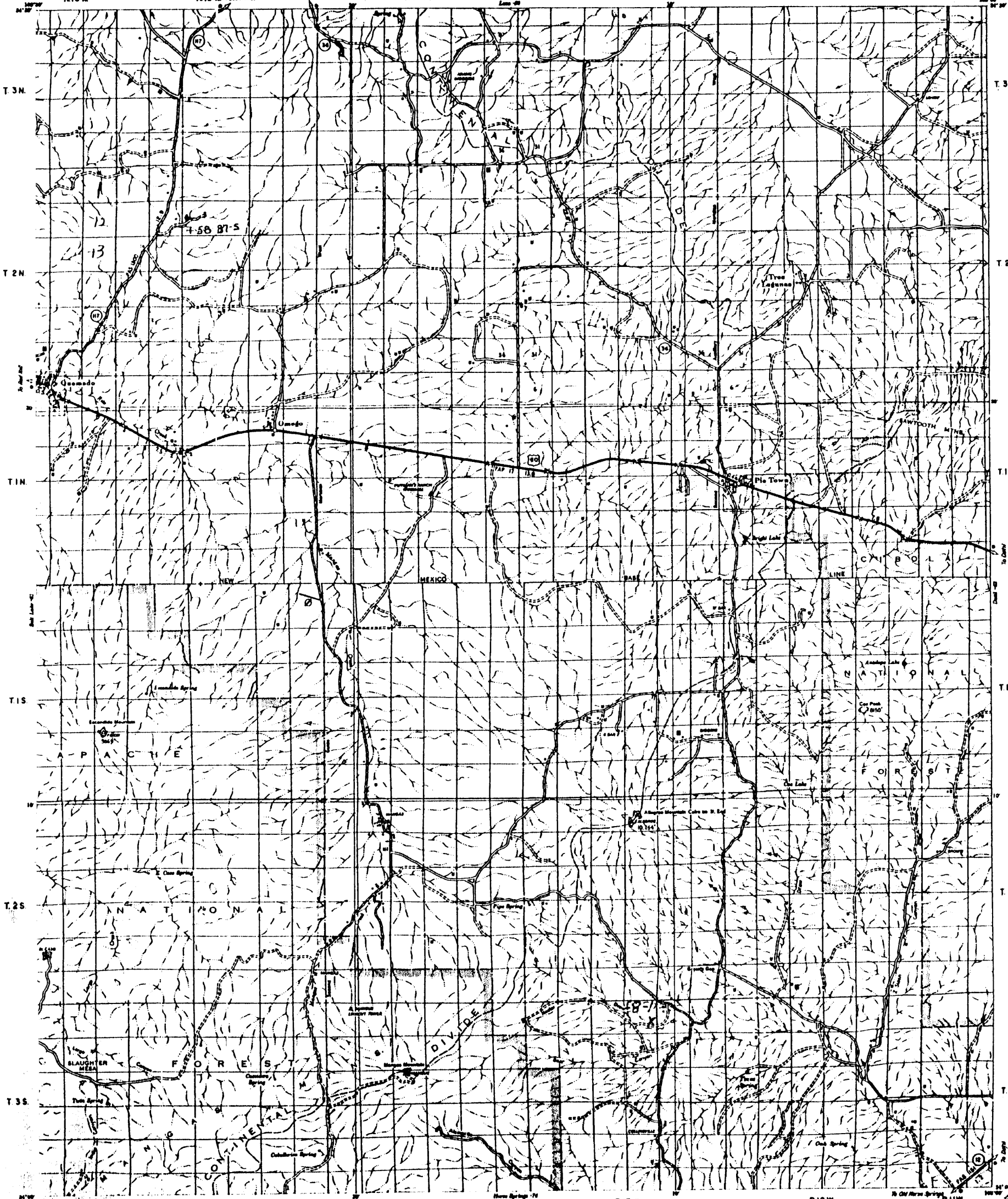
PLANNING DIVISION

BUREAU OF PUBLIC ROADS

50

QUEMADO QUADRANGLE 62

CATRON COUNTY



QUEMADO QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-19-S	Sand & Gravel	SW¼ 5	1N	6W	Alamo Navajo						
77-4-S	Sand & Gravel	NE¼ 6	2S	4W	U.S. Govt.			(Too Fine For P.M. Seal)			
57-3-S	Gravel	NE 6	2S	4W	Govt.						
57-106-S	Rock	SW 33	2S	6W	Forest						
56-111-S	Gravel	SW 33 & NW 4	2S & 3S	5W	Govt						
56-114-S	Rock	NE 36	2S	5W	Govt.						
57-11-F	Mine Tailings	SW 35	2S	4W	S&E Mining Co						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

51

DATIL QUADRANGLE-63

CATRON & SOCORRO COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

CIBOLA NATIONAL FOREST

NAVAJO INDIAN RES

INDIAN MESA

SAND HILLS

BLUE MESA

Datil

Augustine

MEXICO BASE LINE

CATRON-SOCORRO COUNTY LINE

FAP 17

Scale 1 mile or 1 inch = 3 Miles

DATE OF INVENTORY

CATRON COUNTY 1956

SOCORRO COUNTY 1953

DATIL QUADRANGLE

75

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
77-5-S	Sand & Gravel	NW4 16	2S	8W	State				26.6	14.4	Old 57-95-S
57-147-S	Sand & Gr	NW 15 NE 16	2S	9W	State				34.4	-	
57-146-S	Gravel	SE 12	2S	9W	Guin				32.8	-	
57-95-S	Sand & Gr	N½ 16	2S	8W	State				32.0	-	
57-2-F	Blow sand	S½ 27	2S	7W	Govt.				—	—	
57-105-S	Rock (Basalt)	NW 36	2S	7W	State	M-19749			20.8	-	Extended 3-4-71

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

52

MAGDALENA QUADRANGLE - 64
SOCORRO COUNTY

R. 6 W. R. 5 W. R. 4 W. R. 3 W. R. 2 W.

T. 3 N. T. 2 N. T. 1 N. T. 1 S. T. 2 S. T. 3 S.

ALAMO
FOREST
CIBOLA
NATIONAL
BAND
NAVAJO
INDIAN RESERVATION
MEXICO
HELLS MESA
Riley
SEVILLETA
Cerro Colorado
GRANT
LINE
BASE
COUNCIL ROCK
MAGDALENA
POP. 1511
TRAP
CIBOLA
NATIONAL
FOREST
MAGDALENA
QUADRANGLE

78-19-S
77-4-S
57-3-S
57-10-S
57-11-S

Scale 1/126720 or 1 Inch = 3 Miles

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
87-7-S	Sand & Gravel	Casa Colorada Grant			Horizon Corp						
57-85-S	Sand & Gr.	Grant			Westgate Livestock Co.				–	–	
57-114-S	Gravel	SE 3	2N	1W	Govt.				27.6	–	
84-5-S	Gravel	Grant	2N	1E	W. Burris						
57-43-F	Silt	Grant			Campbell Farms				–	–	
58-17-S	Silt	Grant			Campbell				–	–	
57-118-S	Sand & Gr								–	–	
57-119-S	Felsite Rock								–	–	
57-120-S	Sand & Gr								–	–	
57-121-F	Basalt										
57-86-S	Sand & Gr.	Grant			Campbell Farms				30.8	–	
57-131-S	Sand & Gr.	1	1N	1W	Campbell Farms				26.0	–	
57-132-S	Sand & Gr.	1	1N	1W	"				28.0	–	
80-12-S	SAND & GRAVEL	NW¼ 35	1S	1W	GLEASEN						
56-73-S	Gravel	NE 10	2S	1W	Duke				25.6	4.3	
68-10-S	Silty Sand - Gravel	S½ 14	2S	1W	BLM				22.4	8.6	
68-11-S	Col. Soil & Rock Gravel & Sandy Silt	NE¼ SE¼ 26	2S	1W	BLM				18.8	1.8	
59-64-S	Sand & Gr.	36	2S	1W	Crespin				–	1.9	
83-2-S	Rhyolite	SE¼ 27	3S	1W	B.L.M.						
57-55-F	Soil Bank	Town of Socorro Grant			B. Rec.				–	–	
59-63-S	Sand & Gr	Socorro Grant			City of Socorro				20.0	1.6	
62-47-S	Sand & Gr.	Socorro Grant			City of Soc.				16.9	2.0	
57-150-S	Gravel	NE 31	3S	1W	Govt				23.2	2.2	
83-22-S	Sand & Gravel	SE¼ 6	3S	1W	State						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

53

SOCORRO QUADRANGLE - 65
VALENCIA & SOCORRO COUNTIES

R.1W. R.1E. R.2E. R.3E. R.4E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

Belen
Rabinal
Las Nutrias
Abeyjas
CASA COLORADA GRANT
SEVILLETA GRANT
BELEN
Controras
La Joya
Alamillo
Chamisal
Polvadera
Lemitar
Florida
SOCORRO
SAND DUNES
LOMA PARDA
MESA DEL YESO
Cerro Montoso
Cerro Pelon
PED MESA
NEW MEXICO BASE LINE
Rio Grande
Rio Puerco
Rio Salado
Arroyo Alamillo
Arroyo Chamisal
Arroyo Polvadera
Arroyo Lemitar
Arroyo Florida
Arroyo Socorro
Arroyo Controras
Arroyo La Joya
Arroyo Tinajas
Arroyo Cerro Montoso
Arroyo Cerro Pelon
Arroyo Ped Mesa
Arroyo Mesa del Yeso
Arroyo Sevilleta
Arroyo Grant
Arroyo Belen
Arroyo Casa Colorada
Arroyo Valencia
Arroyo Rabinal
Arroyo Las Nutrias
Arroyo Abeyjas
Arroyo Stilson
Arroyo Belen Claim
Arroyo Principal
Arroyo Grande
Arroyo Mexico
Arroyo Florida
Arroyo Socorro
Arroyo Tinajas
Arroyo Cerro Montoso
Arroyo Cerro Pelon
Arroyo Ped Mesa
Arroyo Mesa del Yeso
Arroyo Sevilleta
Arroyo Grant
Arroyo Belen
Arroyo Casa Colorada
Arroyo Valencia
Arroyo Rabinal
Arroyo Las Nutrias
Arroyo Abeyjas
Arroyo Stilson
Arroyo Belen Claim
Arroyo Principal
Arroyo Grande
Arroyo Mexico

57-114-S+
57-119-S
57-121-F CLAIM
57-118-S
57-120-S
57-43-S+
58-17-S+
58-132-S+
57-131-S+
57-80-S+
86-5
87-7-5
84-5
68-10-S+
52-64-S+
68-10-S+
62-47-S
83-2
150-S
56-73-S+
2-80-S
12-S
35-S

Scale 1 or 1 Inch = 3 Miles
DATE OF INVENTORY
SOCORRO

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-84-S	Gravel	SW¼10	3 N	8 E	Nealy				28.0 36.0	–	
57-115-S	Sand & Gr.	NW 28	3N	6E	Sisneros						
56-95-S	Soil & Gr.	SE 30	3N	6E	Aragon				31.6	–	
57-137-S	Limestone	31	3N	5E	McKinley				–	–	
57-138-S	Soil & Gr.	NW 32	3N	5E	State.				27.6	–	
59-89-F	Blow Sand	SE 33	1N	8E	Kite				–	–	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

54

GRAN QUIVERA QUADRANGLE – 66
TORRANCE SOCORRO & VALENCIA COUNTIES

+57-89-5

R.5E. R.6E. R.7E. R.8E. R.9E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

CASA CIBOLA NATIONAL FOREST COLORADO VALENCIA COUNTY GRANT ABO STATE MONUMENT Abo Schutte P.O. Wildcat Spring San Antonio Springs Chupadera Chupaderos Spring Gran Quivira GRAN QUIVIRA NAT'L MON. TURKEY RIDGE MESA NEW MEXICO TORRANCE COUNTY SOCORRO COUNTY BASE LINE

FAS 900 FAS 1500 FAS 1160 FAS 980

To Mountainair To Willard To Jct US 85 To Ft Sumner To Albuquerque

Control by U.S. Coast and Geodetic Survey U.S. Geological Survey U.S. Forest Service Bureau of Land Management and Planimetric Division—Modified Conic Projection Standard Parallel (one) North American Datum

78

Longitude West from Greenwich

Scale 1/63360 or 1 Inch - 3 Miles

DATE OF INVENTORY
TORRANCE COUNTY 1961
SOCORRO COUNTY 1962
VALENCIA COUNTY 1962

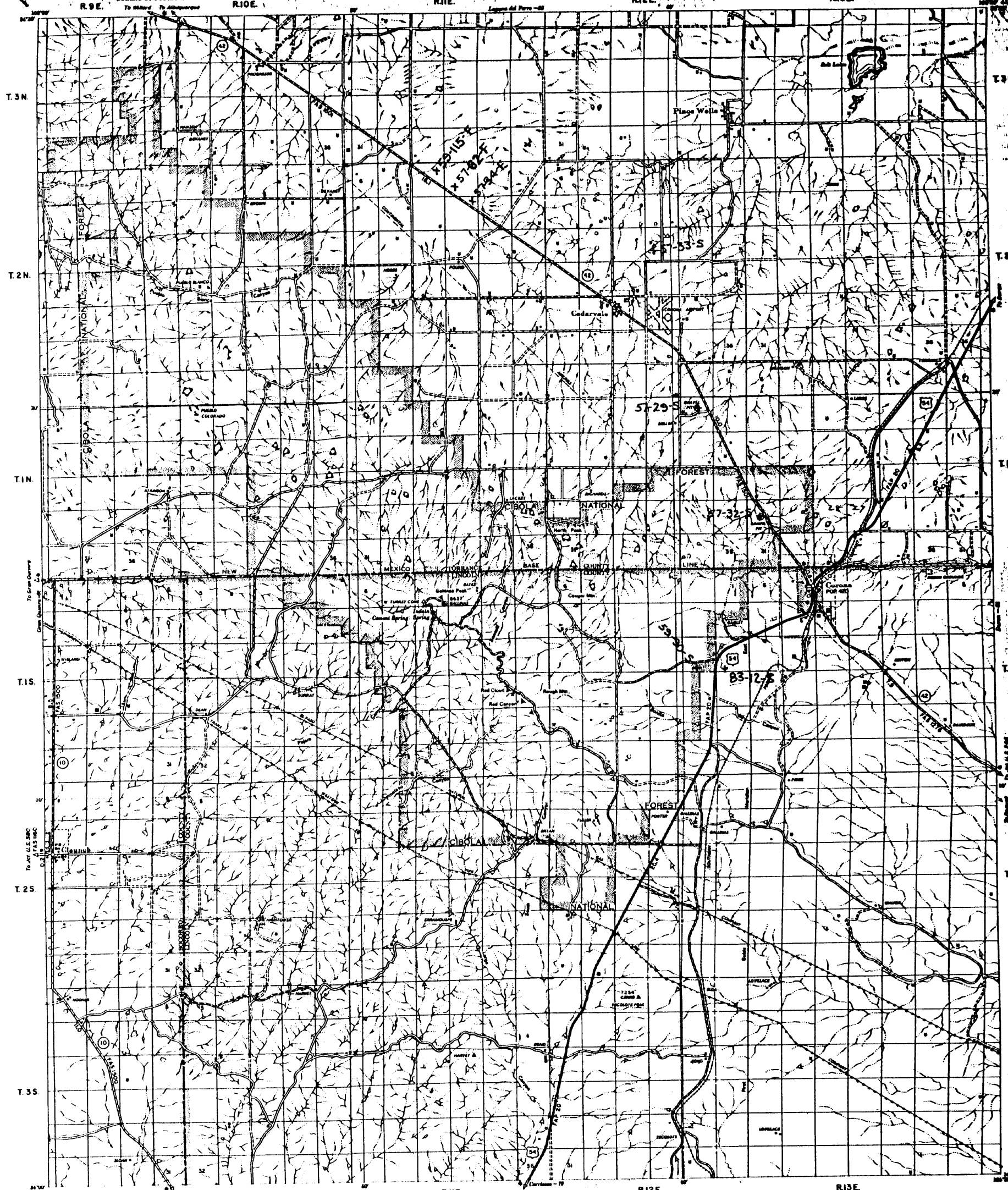
GRAN QUIVERA QUADRANGLE
66

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-115-F	Blow Sand	NE 4	2N	11E	State				–	–	
57-62-F	" "	SW 3	2N	11E	Pounds				–	–	
57-34-F	" "	NE 10	2N	11E	"				–	–	
57-33-S	Sand & Gr.	SW 15	2N	12E	Shumate				20.8	-	
57-29-S	Caliche	E½ 11	1N	12E	Miller				33.6 65.6	–	
57-32-S	Limestone	SW 30	1N	13E	Forest				26.4	–	
59-90-S	Gravel	SW 14	1S	12E	Forest				–	3.2	
83-12-S	Limestone	SW¼ 13	1S	12E	Bagley						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

CORONA QUADRANGLE—67

TORRANCE SOCORRO & LINCOLN COUNTIES



CORONA QUADRANGLE 67

Pit No.	Type of material	Location Sec.	Twp.	Rge	Owner	Date Agreement Signed	Date Agreement Expires	Royalty	Wear	Soundness	Lease or Permit No.
76-19-S	Caliche	32	3N.	15E.	Hindi						
86-12-S	limestone	NW 13	2N	17E	Burguete						
64-46-S	Limestone	NE 16	2-S	34E	State				20.0	0.96	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

56

DURAN
QUADRANGLE -68
TORRANCE LINCOLN & GUADALUPE COUNTIES

R.14E. R.15E. R.16E. R.17E. R.18E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

64-46-5 +
86-12-5
64-76-5

GUADALUPE COUNTY
LINCOLN COUNTY

MEXICO BASE LINE

FAS 1278

To Albuquerque To Corona To Roswell To Jct. U.S. 285

80

Scale 1/250000 or 1 Inch - 3 Miles

DATE OF INVENTORY
TORRANCE COUNTY 1961
GUADALUPE COUNTY 1959
LINCOLN COUNTY 1961

DURAN
QUADRANGLE
68

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
87-11-S	Sand & Gravel	31/6	12N/1N	19E	Robt. Marley						
85-13-S	Sand & gravel	5²35	1N	19E	Marley						
85-12-S	Limestone/caliche	SE¼20	3S	21E	Martin						
85-18-S	" "	SW¼21	3S	21E	Martin						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

57

YESO
QUADRANGLE-69

CHAVES DE BACA GUADALUPE & LINCOLN COUNTIES

R.19E. R.20E. R.21E. R.22E. R.23E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

87-11-S

85-13-S

85-12-S

85-18-S

EL MORRO MESA

CHAVES COUNTY

DE BACA COUNTY

LINCOLN COUNTY

GUADALUPE COUNTY

NEW MEXICO

BASE LINE

Dunlap

Wye Lake

DATE OF INVENTORY

YESO

Pit No	Type of Material	Location Sec.	TWP.	Rge	Owner	Date Agreement Signed	Date Agreement Expires	Royalty	Wear	Soundness	1956 Permit No.
60-44-S	Sand & Gr.	SW 12	3N	25E	Steele Ranch						
56-55-S	Sand & Gr.	NW 13	3N	25E	Steele Ranch				30.4	0.9	
56-56-S	Sand & Gr.	NW 24	3N	25E	" "				—	—	
67-5-S	Caliche	NE 22	3N	27E	State.				36.4	10.3	
57-128-S	Caliche	SE 21	3N	28E	M & M Cattle Co				29.2 50.0	—	
57-117-S	Gravel	SW 31	3N	28E	Triangle Cattle Co				32.0	—	
59-21-S	Sand & Gravel	SE¼ 3	2N	26E	Wertheim				29.2	1.8	
67-6-S	Gravel	NE¼ 3	2N	26E	Daughtrey			10¢ Ton.	24.4	1.6	
80-1-S	SAND & GRAVEL	SE¼ 11 SW¼ 12.	3 N.	25 E.	STEELE.			25¢ TON GR. 30¢ TON CHIPS			
82-7-S	SAND & GRAVEL	SW¼ 19	3 N.	26 E.	G. A. DE FOOR	✓					
84-10-S	Sand & Gravel	N½ 24	3N	25E	G. A. DeFoor	✓					
57-129-F	Blow Sand	NW 34	2N	38E	Hall				—	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

58

FT SUMNER QUADRANGLE-70

DE BACA & CHAVES COUNTIES

R.23E. R.24E. R.25E. R.26E. R.27E. R.28E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

FT SUMNER POP 1962

TAIBAN MESA

SAND DUNES

TRIMBLE CATTLE CO.

WHITE MESA

NEW MEXICO

PECOS RIVER

BASE LINE

DE BACA COUNTY

CHAVES COUNTY

80-1-S

60-44-S

65-5-S

84-4-S

85-56-S

82-7-S

67-5-S

57-129-F

Longitude West from Greenwich

Scale 1/125000 or 1 Inch 3 Miles

DATE OF INVENTORY

CHAVES COUNTY 1959

DE BACA COUNTY 1958

FT SUMNER QUADRANGLE 70

82

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
74-11-S	Caliche	NW^4 27	3N.	30 E.	Dickerson						
65-52-S	Caliche	SE 36	3N	32E	State				25.6	9.3	
65-45-S	Caliche	NW 5 NE 6	2N	33E	Warren				35.8 49.6	10.0	
Comm. Source	Sand & Gravel				Roger Parks	(See	Dist 2 File)				
74-7-S	Caliche	SW^4 34	3N.	30 E.	Dickerson						
74-8-S	Caliche	NW^4 28	3N.	31 E.	Draper						
58-32-S	Caliche	NE¼ 10	1S	28E	Hall				36.8 46.1	–	
58-33-F	Blow Sand	SW^4 34	1S	28E	Hall					–	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

59

MELROSE QUADRANGLE - 71

CURRY ROOSEVELT DE BACA & CHAVES COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E. R.33E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

Tolar

Melrose

Floyd

Texico

NEW MEXICO

CURRY COUNTY

ROOSEVELT COUNTY

CHAVES COUNTY

DE BACA COUNTY

+74-11-S

+74-7-S

+74-8-S

+65-52-S

+65-45-S

+58-32-S

+58-33-F

83

Scale 1 : 190080 or 1 Inch = 3 Miles

DATE OF INVENTORY

CURRY CO.	1957
ROOSEVELT CO.	1958
DE BACA CO.	1958
CHAVES CO.	1959

MELROSE QUADRANGLE 71

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
67-34-S	Caliche	SE¼ 32	2N	34E	Whatley	Coming 111		10¢ Ton	34.4 Good 33.2 Soft.	15.0	
58-132-S	?	SE¼ 30	2N	34E	Anderson				34.0 42.0	–	
65-61-S	Caliche	NE 32	2N	34E	Miller	July 11-68	July 11-73	10¢ Ton	26.0	7.9	
65-60S	Caliche	SW 32	2N	34E	Miller	~~July 11-68~~ May 14-70	~~July 11-73~~ May 14-75	10¢ Ton 10¢ Ton		3.2	
58-6-F	Blow Sand	SW¼ 25	2N	35E	Forest				–	–	
65-59-S	Caliche	SE 20	2N.	36E	Ingram				39.2	11.3	
56-28S	Caliche	NE 18	1N	35E	Johnson				37.2 65.6	–	
56-30-F	Blow Sand	NE 18	1N	35E	Johnson				–	–	
58-135-F	Blow Sand	NE¼ 25	1N	34E	Baxter				–	–	
65-47-S	Caliche	36	1N	36E	State				25.2	30.5	
65-51-S	Caliche	28	1S	34E	Rudd	Oct. 30th 65					SHD No. 6312
63-22-S	Caliche	SW 9	2S	34E	Morrison				34.8	7.0	
56-93S	Caliche	SW 9	2S	34E	Walker				33.2 40.0	–	
56-94-F	Blow Sand	SW 9	2S	34E	"				–	–	
56-89-F	Blow Sand	NW 24	2S	33E	Ezley				–	–	
86-14-S	Caliche	NE 22	2S	33E	Nunn						
60-22-S	Caliche	NE 19	2S	37E	Howard					5.9	Not L...
87-30-S	Caliche	NW 22	3S	33E	Gossett						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

60

CLOVIS QUADRANGLE 72

ROOSEVELT & CURRY COUNTIES

R.33E. R.34E. R.35E. R.36E. R.37E.

T.3N. T.2N. T.1N. T.1S. T.2S. T.3S.

CLOVIS

PORTALES

CURRY COUNTY

ROOSEVELT COUNTY

NEW MEXICO

TEXAS

56-132-S

65-61-S

65-60-S

67-34-S

56-F

56-28-S

56-30-F

58-135-F

65-47-S

63-51-S

63-22-S

56-88-S

56-94-S

56-89-S

84-14-S

84-S

60-22-S

Scale 1/100000 or 1 Inch = 3 Miles

DATE OF INVENTORY

ROOSEVELT CO 1964

CURRY CO. 1964

84

CLOVIS QUADRANGLE 72

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
65-66-S	Sand & Gr.	NW 27	5S	17W	Forest		Terminated Dec. 13-68		18.8	9.4	
87-35-S	Sand & Gravel	N½ 8	7S	19W	US Forest Service (GILA)					11.3	
56-80-S	Sand & Gr.	NW 24	7S	20W	Forest				23.6	-	
56-79-S	Sand & Gr.	NW 10	8S	20W	Forest				24.8	-	
88-13-S	Gravel	NW C	6S	20W	Public Swamp				26.5, 27.6, 20.5	18.1, 17.3, 6.9, 10.9, 12.7, 11.2	10.1, 17.6

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

61

SUPAMAP

RESERVE QUADRANGLE 73

CATRON COUNTY

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T.4S. T.5S. T.6S. T.7S. T.8S.

ARIZONA NEW MEXICO

Reserve

Gruzville

Apache Creek

Aragon

Lower San Francisco Plaza

San Francisco Plaza

RAINY MESA

PLAT TOP MESA

MILLIGAN MESA

HORSE MESA

BAND FLATS

ROBERTSON

F 65-66-S

B 87-35-S

S 56-80-S

F 54-79-S

85

Scale 1:62500

Longitude West from Greenwich

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planimetry Obliqued Modified Conic Projection Standard Parallel 34° North American Datum

RESERVE QUADRANGLE 73

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
79-12-S	SAND & GRAVEL	SW^4 27	4S.	14 W.	U.S. GOVT.						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

62

HORSE SPRINGS QUADRANGLE - 74

GATRON COUNTY

R.16 W. R.15 W. R.14 W. R.13 W. R.12 W. R.11 W.

T. 4 S. T. 5 S. T. 6 S. T. 7 S. T. 8 S. T. 9 S.

NATIONAL FOREST

APACHE

CONTINENTAL DIVIDE

MOUNTAINS

LONG CANYON

GILA NATIONAL FOREST

AUSTIN

SAN MATEO

Old Horse Springs

Prairie Springs

Dry Lake

Willow Springs

Turkey Spring

Elk Spring

Mesa Redondo Spring

Coyote Peak

Salvation Peak

Pelona Mountain

Horse Mountain

Dagenbarger Mtn.

Mattocks 6975

Mattocks 6526

Pelona 8204

Horse 8430

Mesa 9410

Elk Mountain 9107

Prairie Springs 8130'

FAS 1151

T 12 S

T 7 S

T 8 S

T 9 S

R16W R15W R14W R13W R12W R11W

Longitude West from Greenwich

Scale 1:126,720

Compiled by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division. Modified Conic Projection Standard

86

HORSE SPRINGS QUADRANGLE 74

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

63

LUERA MOUNTAINS QUADRANGLE 75

CATRON & SOCORRO COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

CONTINENTAL DIVIDE

GILA NATIONAL FOREST

CIBOLA

WARM SPRINGS APACHE INDIAN RES. (ABANDONED)

Luera Spring

Luera Peak 9455'

Wahoo Peak 8792'

Indian Spring

Bear Mtn.

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and

87

Scale 1:62500

Longitude West from Greenwich

DATE OF INVENTORY

CATRON COUNTY 1956

SOCORRO COUNTY 1953

LUERA MOUNTAINS QUADRANGLE 75

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
78-4-S	SAND & GRAVEL	SW¼ 31	6 S.	3 W	BLM						
75-7-S	Sand & Gravel	NW⁴ 36	7 S	3W	State	(Old 65-38-S)					
65-38-S	Sand & Gr	N² 36	7S	3W	State Govt.				24.6	11.7	
65-42-S	Sand & Gr.	E² 16	8 S	3W	State						
67-20-S	Sand & Gravel	NE⁴ 29	8 S	3W	B.L.M.	June 26-67	Dec. 31-68	None	22.0	9.0	30-020-08
65-37-S	Sand & Gr.	NW 28	8 S	3W	Govt. BLM	July 8-66	None	None	26.0	12.6	
81-20-S	SAND & GRAVEL	SE⁴ 6	9 S.	3W.	B.L.M.	Dist #1 LEASE # NM020-FUP8-1					
65-41-S	Limestone	SE NE 3 10	9S	4W	Govt.						
67-21-S	Sand & Gravel	586	9S	3W	BLM				20.0	6.9	
65-40-S	Sand & Gr.	18	9 S	3W	Govt						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

64

NOGAL CANYON QUADRANGLE - 76
SOCORRO COUNTY

R.6 W. R.5 W. R.4 W. R.3 W. R.2 W.

T.4 S. T.5 S. T.6 S. T.7 S. T.8 S. T.9 S.

CIBOLA NATIONAL FOREST

MAGDALENA MOUNTAINS

ZUNI MOUNTAINS

PEDRO ARMENDARIZ GRANT NO. 34

PEDRO ARMENDARIZ GRANT NO. 33

LAVA FLOW

88

Scale 1/63360 or 1 Inch - 3 Miles

STATUTE MILES

NOGAL CANYON QUADRANGLE 76

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-12-F	Sand	N½ 1	4S	1W	Govt				—	—	
60-19-S	Gravel	12	4S	1W	Govt.				21.2	2.1	
73-8-S	Sand + Gravel	E½ 3L	4S	1W	B.L.M.	Ext. of 72-1-S					
72-1-S	Sand & Gravel	E½ 31	4S	1E	B.L.M.						
61-40-S	Gravel	SE 12	5S	1W	Govt					5.0	
73-9-S	Sand & Gravel	SE4 13	5S	1W	B.L.M				22.9	8.9	
61-43-S	Gravel	Bosque Del Apache			Govt				26.5	2.0	
60-7-S	Sand & Gr.	17	5S	3E	Munser					4.4	
60-8-S	Rock	23	5S	2E	Govt.					12.5	
61-42-S	Gravel	Bosque Del Apache			Govt.					3.1	
72-2-S	Gravel	Pedro Armendaris Grant			P.T. Cattle Co.						
61-44-S	Gravel	Pedro Armendaris Grant.			Victorio Land & Cattle Co.				22.4	2.8	

NEW MEXICO STATE HIGHWAY DEPARTMENT

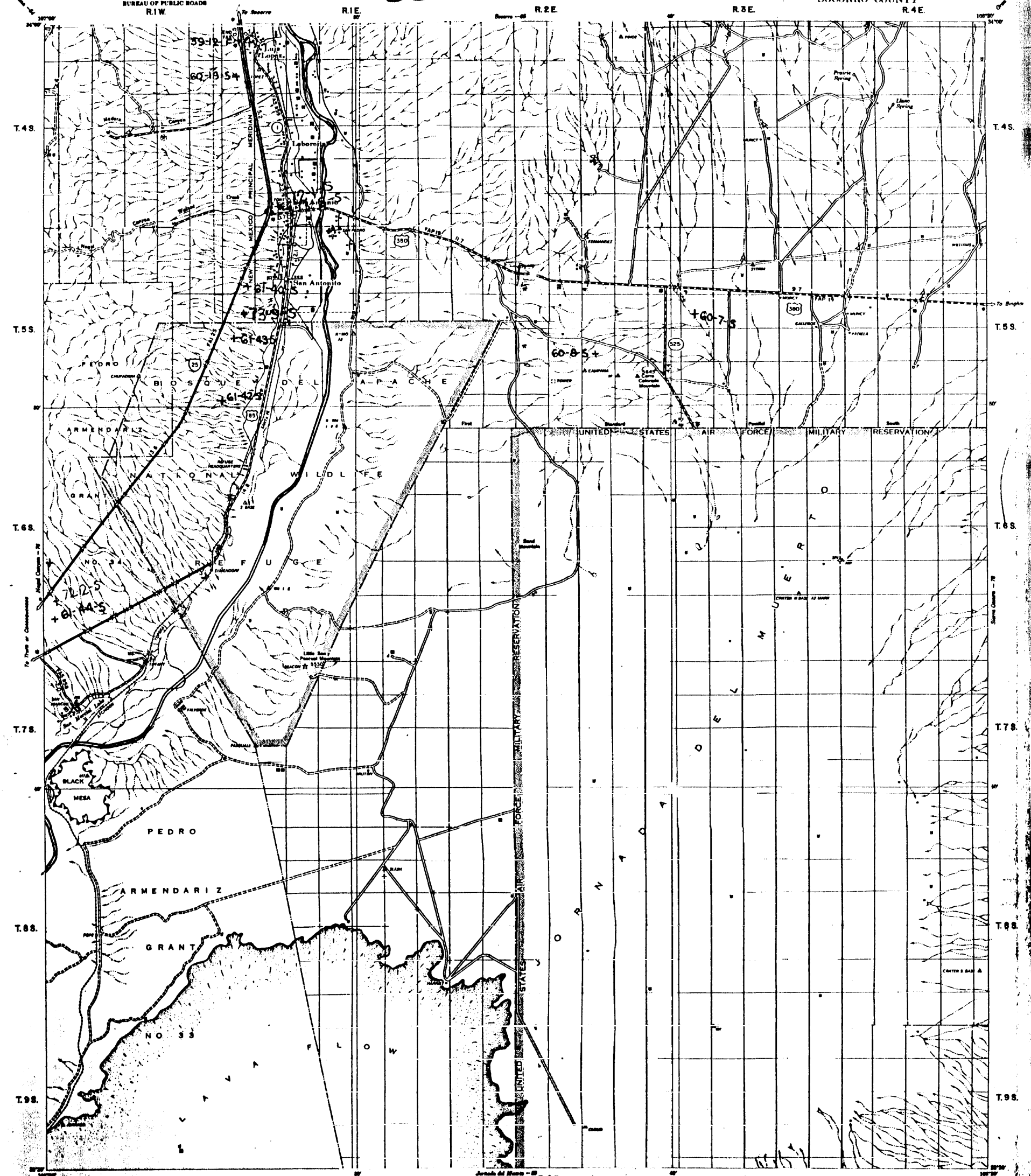
PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

65

SAN ANTONIO QUADRANGLE - 77

SOCORRO COUNTY



89

Scale 1 inch or 1 Inch = 3 Miles

SAN ANTONIO QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
86-30-5	limestone	10	5S	5E	BLM				1.2, 1.0,		
89.2.5	Limestone	NWNW34	6S	9E	Fritz				26.5, 20.5, 21.6		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

66

SIERRA OSCURA QUADRANGLE 78

LINCOLN & SOCORRO COUNTIES

R.4E. R.5E. R.6E. R.7E. R.8E. R.9E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

Bingham

FAP 19

380

UNITED STATES AIR FORCE MILITARY RESERVATION

SOCORRO COUNTY LINCOLN COUNTY

Drop of Spring

Double Spring

Dripping Spring

Oak Spring

Rag Spring

Del Cuervo Spring

Kelly Spring

Cottonwood Spring

Kidd and Duffy Spring

Wilson Spring

Red Cave Spring

Williams Spring

Pasture Spring

Broadback Crater

Crockett

Oscura

To Carrizozo

To Socorro

To Corona

To Encino

To Vaughn

To Santa Rosa

To Albuquerque

To Moriarty

To Estancia

To Mountainair

To Gran Quivira

To Tularosa

To Alamogordo

To Las Cruces

To White Sands Missile Range

To Holloman Air Force Base

To Roswell

To Artesia

To Hobbs

To Lovington

To Tatum

To Portales

To Clovis

To Fort Sumner

To Vaughn

To Santa Rosa

To Albuquerque

To Moriarty

To Estancia

To Mountainair

To Gran Quivira

To Tularosa

To Alamogordo

To Las Cruces

To White Sands Missile Range

To Holloman Air Force Base

To Roswell

To Artesia

To Hobbs

To Lovington

To Tatum

To Portales

To Clovis

To Fort Sumner

90

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

1 1/2 0 1 2 3

DATE OF INVENTORY

LINCOLN COUNTY 1961

SOCORRO COUNTY 1962

SIERRA OSCURA QUADRANGLE

78

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	-
80-7-S	SAND & GRAVEL	SW^4 12	6S	10E	SPENCER							
80-10-S	SAND & GRAVEL	NW^4 16	6 S	11 E	SPENCER							
86-29-S	Sand & gravel	12 & 13	8S	11E	LaMay							
87-34-S	" "	24	8S	12E	OBar O ranch (Lietzman)							
86-8-S	Sand & Gravel	S½ 29 30	8S	13E	Sawyer							
78-30-S	SAND & GRAVEL	S½ 18	9 S	14 E	PEARSON							
66-27-S	Silty Sand & Gravel	SW^4 17	9S	13E	M.G. Zumwalt	June 7, 66	None	7¢ Ton		38.7		4"

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

67

CARRIZOZO QUADRANGLE — 79

SOCORRO & LINCOLN COUNTIES

R.9E. R.10E. R.11E. R.12E. R.13E. R.14E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

Anchor

Red Lake

Little Black Peak

White Oaks

CARRIZOZO

CARRIZO MOUNTAIN

READ MESA

Nogal

Capitan

LINCOLN NATIONAL FOREST

SIERRA

Scale 1 Inch = 3 Miles

DATE OF INVENTORY
SOCORRO COUNTY 1962

CARRIZOZO

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
82-12-S	SAND & GRAVEL	SE¼	11	9S	15E	US GOVT.					

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

68

ARABELA QUADRANGLE – 80

LINCOLN COUNTY

R.14E. R.15E. R.16E. R.17E. R.18E. R.19E.

T. 4 S. T. 5 S. T. 6 S. T. 7 S. T. 8 S. T. 9 S.

LINCOLN NATIONAL FOREST

NATIONAL GUARD RESERVATION

Arabela

92

ARABELA

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
85-4-S	Sand & Gravel	SW¼SW¼ 19 / SE¼SE¼ 24	6S	23E / 22E	BLM						
85-3-S	Sand & Gravel	SW¼ SE¼ 2	8S	23E	Herbert Corn	2-13-85	5-1-86	$.50/ton			
70-17-S	Cal. Sand & Gravel	SE¼ 8	9S	24E	State						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

69

MACHO QUADRANGLE-81

CHAVES LINCOLN & DE BACA COUNTIES

R.19E. R.20E. R.21E. R.22E. R.23E. R.24E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

85-3-5

85-3-5

70-17-5

92

MACHO QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
81-16-S	DIABASE DIKE	NE¼ 32 NW¼ 33	7S.	29 E.	WHITE LAKE RANCH						
86-32-S	"	" NE¼ 32	7S	29E	"	"	"				
86-24-S	Sand & Gravel	NW¼ 3	9S	24E	State						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

70

ACME
QUADRANGLE-82
CHAVES & DE BACA COUNTIES

R.23E. R.24E. R.25E. R.26E. R.27E. R.28E. R.29E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

DE BACA COUNTY
CHAVES COUNTY

GARCIA FLAT

BITTER LAKE NATIONAL WILDLIFE REFUGE

DUNAHOO HILLS

PECOS

RAILROAD MOUNTAIN

PALMA

BC-24-5

BC-32-5

BC-16-5

91

Scale 1 inch = 3 Miles

ACME

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
86-15-5	Sand & Gravel	26	5S	30E	Jerry Stokes						

NEW MEXICO STATE HIGHWAY DEPARTMENT.
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

71

ELIDA
QUADRANGLE-83
ROOSEVELT LEA & CHAVES COUNTIES

R.28E. R.29E. R.30E. R.31E. R.32E. R.33E.

T.4S. T.5S. T.6S. T.7S. T.8S. T.9S.

Elida POP 450

Kenna

Hondo

Harrold Lake

Red Lake 4566'

Bull Lake

BUTTON MESA

Pecos Canyon de Comanche

LITTLEFIELD

SAN JUAN MESA

Billy The Kid Spring

ROOSEVELT COUNTY CHAVES COUNTY

CHAVES COUNTY LEA COUNTY

ATCHISON TOPEKA & SANTA FE RAILROAD

LLANO ESTACADO

86-15-S

81-16-S

95

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Bureau of Land Management, U.S. Forest Service, New Mexico State Highway Department, and New Mexico State Land Office

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY
CHAVES COUNTY 1939
ROOSEVELT 1938

ELIDA
QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
60-21-S	Caliche	NW 25/36	4 S	34 E	State					13.8		Not Re
83-11-S	Caliche	N½ 14	5 S	34 E	Ross							
59-58-S	Caliche	SE 1	8 S	35E	Williamson					34.0 26.8	3.3	
59-61-F	Blow Sand	N½ 2	8 S	35E	State					—	-	
59-53-S	Caliche	SW 6	8 S	37E	Hale					34.8 47.2	3.5	
59-59-F	Blow Sand	NW 6	8 S	37E	Hale					—	-	
57-89-F	Blow Sand	SW 16	9 S	37E	State					—	—	
57-88-S	Caliche	NE 36	9 S	36E	State					26.0 40.0	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

72

DORA QUADRANGLE 84

ROOSEVELT & CURRY COUNTIES

R.33 E. R.34 E. R.35 E. R.36 E. R.37 E. R.38 E.

T.4 S. T.5 S. T.6 S. T.7 S. T.8 S. T.9 S.

Dora EST. POP. 150

Rogers

Causey

Pep

Lingo

Crossroads

Milnesand

ROOSEVELT COUNTY

LEA COUNTY

NEW MEXICO

TEXAS

Y60-21-S

83-11-5

+59-61-F

+59-58-S

+59-54-F

+59-53-S

+57-89-F

+57-88-

Scale 1/125,000 or 1 Inch = 3 Miles

DATE OF INVENTORY

DORA QUADRANGLE

96

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
60-21-S	Caliche	NW 25/36	4 S	34 E	State					13.8	Not Rep.
83-11-S	Caliche	N½ 14	15 S	34 E	Ross						
59-58-S	Caliche	SE 1	8 S	35 E	Williamson					34.0 26.8	3.3
59-61-F	Blow Sand	N½ 12	8 S	35 E	State					—	—
59-53-S	Caliche	SW 6	8 S	37 E	Hale					29.8 47.2	3.5
59-54-F	Blow Sand	NW 6	8 S	37 E	Hale					—	—
57-89-F	Blow Sand	SW 16	9 S	37 E	State					—	—
57-88-S	Caliche	NE 36	9 S	36 E	State					26.0 40.0	—

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
85-22-S	Sand & Gravel	E½ 3	11S	20W	McKeen						
54-94-S	Sand & Gravel	13 & 14	11S	20W	U.S. Govt.						
85-27-S	Sand & Gravel	N² 6	13S	19W	Hudson						
57-139-S	Gravel	N² 8	13S	19W	Gila Forest			21.6	—		
82-5-S	SAND & GRAVEL	NE⁴ 6	13S	19W	HUDSON						
62-44-S	Sand & Gr.	30	13S	20W	Tumwalt			27.2	13.6		
82-4-S	SAND & GRAVEL	SW⁴ 15	14S	18W	STEPHENS						
60-37-S	Gravel	NW22	14S	18W	Latham			24.0	1.5		

NEW MEXICO [illegible] HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

73

GLENWOOD QUADRANGLE-85

CATRON & GRANT COUNTIES

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T. 9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

APACHE NATIONAL FOREST

GILA NATIONAL FOREST

JUNIPER MESA

SUNFLOWER MESA

JERAY MOUNTAINS

MOUNTAINS

CATRON COUNTY GRANT COUNTY

Glenwood

Mogollon

Pleasanton

Mule Creek

Buckhorn

Willow Creek

Gila

54-94-S

82-5-S

57-134-S

62-44-S

82-4-S

60-37-S

97

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
65-12-S	Rock		10.5	12W	Forest					6.6	
65-13-S	Gravel	SW 13	10S	12W	Forest						
65-14-S	Gravel		10S	12W	Forest						
87-9-S	Andesite										
87-10-S	Andesite										
62-24-S	Sand & Gr	SE 31	12S	13W	State Game Fish				27.8	15.3	
61-27-S	Sand & Gr.	N½ 8	13S	18W	Forest				30.0	11.9	
61-26-S	Rhyolite	NW 33	13S	13W	Forest					2.2	
61-25-S	Fused Tuff	17	14S	13W	Forest					2.0	
61-28-S	Sand & Gr.	32	14S	13W	Laney				25.2	17.5	
64-14-S	Sand & Gr	SW¼ 6	15S	12W	Forest				20.8	11.6	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

74

BEAVERHEAD QUADRANGLE-86

CATRON & GRANT COUNTIES

R.16W. R.15W. R.14W. R.13W. R.12W.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

GILA NATIONAL FOREST

JERKY MOUNTAINS

DIABLO RANGE

WALL LAKE

CATRON COUNTY

GRANT COUNTY

61-27-S

61-28-S

61-26-S

61-25-S

61-24-S

61-23-S

61-22-S

61-21-S

98

Scale 1/62500 or 1 Inch = 3 Miles

BEAVERHEAD QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
64-16-S	Dist I Maint.										
78-13-S	RHYOLITE	SE4 19	10S	10W	U.S. Govt.						
78-14-S	LIMESTONE	NW4 34	9S	9W	U.S. Govt.						
78-12-S	SAND & GRAVEL	NW4 4	11S.	8W.	Cox						
64-6-S	Sand & Gr.	SW 10	11S	8W	Cox				24.4	28.4	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

75

CHLORIDE QUADRANGLE-87

SIERRA GRANT CATRON & SOCORRO COUNTIES

R.11W. R.10W. R.9W. R.8W. R.7W.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

CATRON COUNTY SIERRA COUNTY SOCORRO COUNTY

SIERRA COUNTY GRANT COUNTY

78-14 E

78-13 E

78-12 S

CONTINENTAL DIVIDE

GILA NATIONAL FOREST

Fluorine

Winston

Chloride

Chino

Cuchillo Mountain 8600'

Sawmill Peak 8402

Baker Peak 8048'

Taylor Peak 8280'

Diamond Peak 8450'

Lookout Mountain 8872'

Monument Peak

Diamond Peak 10,011'

Victorio Peak Mountain

Mud Lake

Granite Peak 8580'

Laura Mountain - 78

To Magdalena

To Cuchillo

99

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 3 Miles

DATE OF INVENTORY

SIERRA COUNTY 1950

GRANT COUNTY 1954

CATRON COUNTY 1956

CHLORIDE QUADRANGLE 87

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
											old
73-17-S	Sand & Gravel	SE¼ 35 SW¼ 36	9S.	4W.	B.L.M. & State						
65-36-S	Silty Sand & Gr.	SE 35	9S	4W	Govt.	Aug 17-66	None	None	24.4	12.9	BLM NM-162
65-34-S	Sand & Gr.	NW 11	10S	4W	Govt.				21.6	12.1	
65-20-S	Clayey Soil & Gr.	E² 28	10S	4W	Govt				24.4	15.7	
65-35-S	Rhyolite	S² 7	11S	4W	Govt.						
									26.0	-	
57-14-S	Sand & Gravel	S½ 33	11S	6W	US Govt.						
65-17-S	Sand & Gr.	NW 31	11S	4W.	Luchini	Apr. 8-65	-	(OK) 7¢ Ton	19.6	6.5	
65-19-S	Sand & Gr.	SW 31	11S	4W	Smallwood	Apr. 19 65	-	7¢ C.Y.	18.4	3.8	
71-2-S	Sand & Gravel	SW¼ 9	12S.	4W	Govt.						
71-3-S	Sand & Gravel	E² 3 W² 2	12S.	4W	Govt.	(Not used - Relocated to 71-23-S)					
71-23-S	Sand & Gravel	SE¼ 2	12S.	4W.	State						
83-3-S	Sand & Gravel	NW¼ 7	12S.	4W	Greer						
66-52-S	Sand & Gravel	SW 16	13S	4W	~~Eaves~~ State	7 Jan. 67	Non	10¢ Ton	18.4	5.6	
									22.0	2.5	
60-72-S	Sand & Gravel	NW 27	13S	4W	Whitmer						
66-40-S	Sand & Gravel	S² 36	13S	SW	Eaves	Sept. 2, 66	None	10¢ Ton	20.0	6.8	
									24.6	5.4	
65-39-S	Gravel	SE 24 NE 25	14S	SW	Baca						
89-10-S	Quarry (hold for info	?									
89-16-S									16.6 18.2 17.8	6.6 7.5 3.9	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

76

ELEPHANT BUTTE QUADRANGLE - 88
SOCORRO & SIERRA COUNTIES

R. 6 W. R. 5 W. R. 4 W. R. 3 W. R. 2 W.

T. 9 S. T. 10 S. T. 11 S. T. 12 S. T. 13 S. T. 14 S. T. 15 S.

CIBOLA NATIONAL FOREST
SOCORRO COUNTY
SIERRA COUNTY
Monticello
Placita
Cuchillo
TRUTH OR CONSEQUENCES
Elephant Butte
Ralph
Las Palomas
PEDRO
ARMENDARIZ
GRANT
NO. 33
65-34-S
65-35-S
65-17-S
65-19-S
71-3-S
71-2-3-S
71-2-S
83-3-S
66-52-S
66-42-S
66-20-S
66-30-S

Control by U.S. Coast and Geodetic Survey U.S. Geological Survey U.S. Forest Service Bureau of Land Management and

Longitude West from Greenwich

Scale 1/253440 or 1 inch = 3 Miles

DATE OF INVENTORY
SOCORRO COUNTY 1962

ELEPHANT BUTTE QUADRANGLE

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

JORNADA DEL MUERTO QUADRANGLE-89
SOCORRO & SIERRA COUNTIES

R.1W. R.1E. R.2E. R.3E. R.4E. R.5E.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

L A V A

P E D R O

A R M E N D A R I Z

G R A N T

N O R T H

SOCORRO COUNTY
SIERRA COUNTY

RESERVATION

MILITARY

FORCE

GYP HILLS

AIR

STATES

UNITED

NEW MEXICO PRINCIPAL MERIDIAN

J O R N A D A D E L M U E R T O

Jornada

Brady Spring

Silver Top Mountain

Taylor Spring

Buckhorn Spring

Dolan Spring

Eagle Peak Spring

Mt Baldy

Ample Ridge

Gunsight Peak

Strawberry Peak

Big Ranch Spring

Alkali Flat

Centered by U.S. Coast and Geodetic Survey | U.S. Geological

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY
SOCORRO COUNTY 1935

JORNADA DEL MUERTO QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
77-8-S	Sand & Gravel	SE¼ 21	11S.	9 E.	BL.M.				20.0	9.1	
76-3-S	Sand & Gravel	SE¼ 23	13S.	9 E.	State						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

78

TULAROSA QUADRANGLE 90

SIERRA OTERO DOÑA ANA SOCORRO & LINCOLN COUNTIES

R. 4 E. R. 5 E. R. 6 E. R. 7 E. R. 8 E. R. 9 E.

T. 9 S. T. 10 S. T. 11 S. T. 12 S. T. 13 S. T. 14 S. T. 15 S.

SOCORRO COUNTY SIERRA COUNTY LINCOLN COUNTY OTERO COUNTY DOÑA ANA COUNTY

RESERVATION MILITARY AIR FORCE UNITED STATES

Oscura Three Rivers TULAROSA POP 3,200 ROUND MOUNTAIN

Capitol Peak 7098' Mound Spring Phillips Spring Phillips △ 5296' Tularosa A Base 5776' Sheep Mountain Spring Sheep Mountain Salt Spring Low Canyon Spring Malpais Spring Edwards Grant No 127 Cloose Spring Gasso Spring South Spring Barrel Spring Lewis Spring Hackman Spring French Spring Round Mountain Spring Mesquite Spring Sheep Camp Spring Kitty Spring Alkali Spring Lumley Lake Little Salt Lake White Sands Lake White Sands Hill

Tularosa Basin

Scale 1/190080 or 1 Inch = 3 Miles

DATE OF INVENTORY

SIERRA COUNTY	1960
OTERO COUNTY	1960
DONA ANA COUNTY	1960
SOCORRO COUNTY	1953

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division. Modified Conic Projection Standard

102

TULAROSA QUADRANGLE 90

Section Foreman
Carrizozo

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-107-S	Gravel	SE SW 8	10S	13E	City of Alamogordo				18.8	5.3	
56-4-S	Gravel	NE 15	10S	13E	Lucas				20.0	-	
60-41-S	Sand & Gravel	N½ 36	10S	12E	Forest.				33.6	5.4	
57-28-S	Sand & Gr.	NE 14	11S	14E	Pior				29.2	-	
57-87-S	Sand & Gr.	14	11S	14E	Hole				28.0	-	
56-110-S	Gravel	NW 30	11S	14E	Miller				-	-	
58-67-S	(No Info.)								--	-	
56-109-S	Limestone	SW 29	11S	14E	Hill				-	-	
60-76-S	Limestone	NW 3	12S	13E	Mescalero Apache				24.0	1.2	
80-2-S	SAND & GRAVEL	N½ 17	14S	11E	BEATY						
80-3-S	SAND & GRAVEL	SW¼ 7	14S	11E	VIRDEN	* reported worked out 11/6/87			24.5 25.3 24.9	0.3 1.3 1.7	
63-26-S	Limestone Gravel	S½ 7	14S	11E	Virden				26.2	1.6	
58-103-S	Gravel	NW¼ 3	15S	10E	Govt				24.0	-	
52-38-S	Gra[illegible]	SW 3	15S	10E	Utter				-	-	

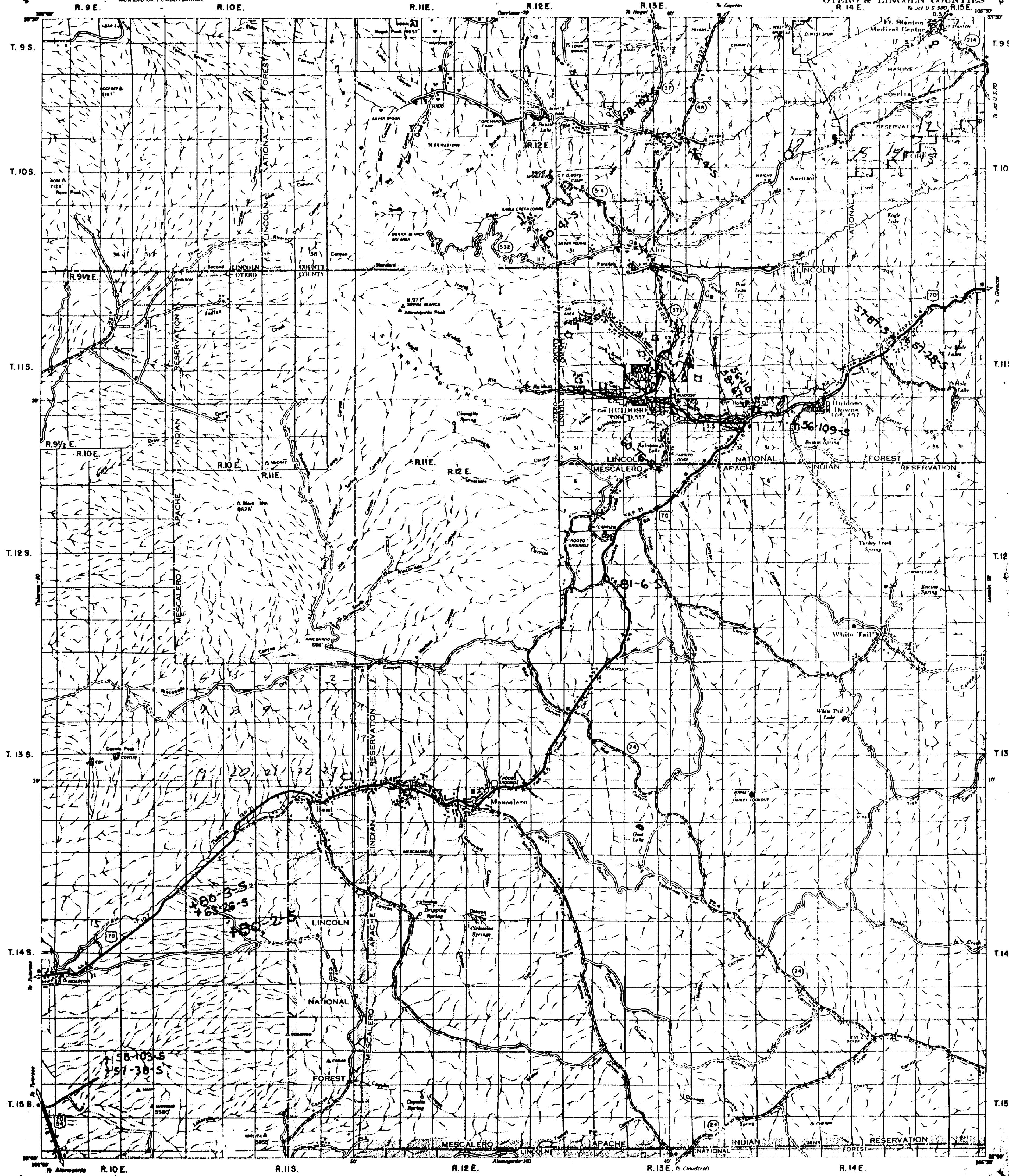
NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

79

MESCALERO
QUADRANGLE-91
OTERO & LINCOLN COUNTIES



103

Longitude West from Greenwich

Scale $\frac{1}{190080}$ or 1 Inch = 3 Miles

DATE OF INVENTORY

OTERO COUNTY	1960
LINCOLN COUNTY	1961

MESCALERO
QUADRANGLE

Pit No	Type Material	Location Sec.	Twp	Rge	Owner	Date Agreement Signed	Date Agreement Expires	Royalty	Wear	Soundness	Case Permit No.	Nos
89-1-S	Limestone	9	10S	15E	USFS				21.6 23.5, 25.2	0.5, 1.0 1.4		
57-152-S	Gravel	SE/6	10S	15E	Tulley				28.0	-		
83-17-S	Sand & Gravel	NW¼ SE¼ 27	10S	17E	PROCTOR				29.6. 24.8 & 26.9			
65-26-S	Caliche Soil & Rock	SE 23	10S	15E	Bonnell					4.1		
65-1-S	Sand & Gravel	NW 25 NE 26	10S	15E	Bonnell				26.8	6.2		
64-72-S	Gravel	35	10S	16E	Chavez Warner				32.0	3.9		
65-53-S	Cal. Coated Limestone	1	11S	15E	Forest	7-8-66	Special Use	(Free) Permit	23.2	1.9	File code 2720	
68-8-S	Soil, Rock, & Gravel	NE¼ 28	10S.	16 E.	Corona	4-3-68	4-3-73	8¢ Ton	23.2 26.4	7.2		
82-6-S	SAND & GRAVEL	SE¼ 27	10 S	17E	PROCTOR							
82-29-S	SAND & GRAVEL	SE¼ 16	10S	15E	NOSKER							
59-47-S	Gravel	SW¼ 22	11S	19E	Silva						Excessive PI	
87-28-S	Gravel	24	11S	18E	Diamond A							

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

80

LINCOLN QUADRANGLE-92

LINCOLN OTERO & CHAVES COUNTIES

R.15E. R.16E. R.17E. R.18E. R.19E.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

Lincoln
U.S. MARINE HOSPITAL RESERVATION
LINCOLN NATIONAL FOREST
LINCOLN
Glencoe
San Patricio
Hondo
Tinnin
Picacho
Sunnet
NATIONAL FOREST
MESCALERO APACHE INDIAN RESERVATION
LINCOLN COUNTY
OTERO COUNTY
CHAVES COUNTY
Red Lake
Deadman Lake
Flying H
MESCALERO APACHE INDIAN RESERVATION
LINCOLN NATIONAL FOREST

+65-53-S
+82-6-S
+57-84-S
+54-15-S
+65-72-S

161

Longitude West from Greenwich

DATE OF INVENTORY
CHAVES COUNTY 1939

LINCOLN
QUADRANGLE-92

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
82-30-S	Sand & Gravel	SE¼ 19	11S	24E	INGEBURG						
82-14-S	SAND & GRAVEL	6	11S	22E	MARLEY & WHITNEY				20.8	-	
59-48-S	Gravel	NW 7	11S	21E	Govt.				15.2	5.9	
58-19-S	Gravel	E² 7	11S	21E	Govt.				18.8	-	
56-51-S	Gravel	SW 7	11S	21E	Govt				19.2	-	
81-5-S	SAND & GRAVEL	SE¼ 4	11 S.	22E	UNITED CONTIN. DEVELOP.						
56-50-S	Gravel	SW 11	11S	21E	Govt.				-	-	
56-18-S	Sand & Gr.	NE 7	11S	22E	State-Govt				-	-	
68-20-S	Sand & Gr.	NE 24	11S	23E	Highway Dept. (Old 53-30-S)				20.8 21.6	5.2	
56-39-S	Gravel	NE 4	11S	22E	Woods				-	-	
68-20-S Ext	Sand & Gr.	NW¼ NE¼ 24	11S	23E	Highway Dept.						
58-85-S	Gravel	E² 20	14S	23E	Crow Jr.				24.0	-	
58-88-S	Gravel	NW¼ 2	15S	22E	State				-	-	
58-93-S	Gravel	18	15S	22E	Govt.				22.0	-	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BURREAU OF PUBLIC ROADS

81

ROSWELL QUADRANGLE-93

CHAVES & LINCOLN COUNTIES

R.20E. R.21E. R.22E. R.23E. R.24E.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

T.9 1/2 S.

ROSWELL POP. 25,738

58-19-5 58-48-5 56-51-5 56-50-5 56-18-5 56-39-5 82-41-5 81-5-5 82-20-5 58-85-5 58-88-5 58-93-5

R.21 1/2 E.

FAP 21 FAS 1239 FAS 1255 FAS 1268

105

Scale 1/63360 or 1 Inch = 3 Miles

DATE OF INVENTORY
CHAVES COUNTY 1959
LINCOLN COUNTY 1954

ROSWELL QUADRANGLE 93

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
68-19-S							1		37.2 34.0	35.6	
60-55-S	Gravel & Caliche	SW 21	12S	25E	Grassie				36.8 20.4	8.9	
63-5-S	Gravel	SW 17 SE 18	14S	25E	Neff				19.6	1.0	
60-56-S	Gravel	SE 16	14S	25E	State	Renewed July 20-67			22.0	1.2	SHD 6908 M-15025
61-4-S	Silt & Gravel	SW 7	14S	26E	Heitman				21.6	1.0	
58-95-F	Sand	NW¼ 7	14S	27E	Green				—	—	
58-96-F	Sand	SW¼ 7	14S	27E	Utterback				—	—	
56-45-S	Gravel	SW 15	14S	27E	Govt.				—	—	
56-54-F	Blow Sand	15	14S	27E	Govt.				—	—	
56-46-S	Caliche	NW 23	14S	27E	Govt.				—	—	
56-48-S	Caliche	SE 20	14S	29E	Govt.				36.0 66.0		
61-3-F	Sand	SW 35	14S	26E	Mitchell				—	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

82

HAGERMAN QUADRANGLE-94

CHAVES COUNTY

R.24E. R.25E. R.26E. R.27E. R.28E. R.29E.

T.9S. T.9½S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

KNITTER

LAKE

NATIONAL WILDLIFE REFUGE

EL CAMINO DEL DIABLO

Salmon Lake

Armstrong Basin

Buck Lake

Peters Lake

Chain Lakes

PECOS

Orchard Park

BOTTOMLESS LAKES STATE PARK

Dexter

Greenfield

HAGERMAN

BUFFALO VALLEY

Lake Arthur

FAP 21

FAS 1034

56-48-S

106

Scale 1/63360 or 1 Inch = 1 Mile

HAGERMAN QUADRANGLE 94

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
87-32-S	Caliche	11	11S	31E	Marley						
89-24-S	CALICHE	NW NW 35 NE NE 34	10S	31E	CAPROCK RANCH					3.5	
57-90-F	Blowsand	SE 12	15S	30E	State					—	—
57-93-S	Caliche	N² 18	15S	31E	Medlin					35.4 45.6	—

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

83

CAPROCK QUADRANGLE-95

LEA & CHAVES COUNTIES

R.29E. R.30E. R.31E. R.32E. R.33E. R.34E.

T.9S. T.10S. T.11S. T.12S. T.13S. T.14S. T.15S.

EL CAMINO DEL DIABLO

FAP 21

Caprock Rd

Caprock Rd

FAS 1242

FAS 1251

CHAVES COUNTY
LEA COUNTY

MESCALERO RIDGE

Monument Spring

Mescalero Point

Lake Salt Lake

Scale 1 Mile or 1 Inch = 3 Miles

Longitude West from Greenwich

DATE OF INVENTORY
LEA COUNTY 1955
CHAVES COUNTY 1959

Compiled by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Texas Electronic Computer Corp. Datum Standard North American Datum

107

CAPROCK QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
2-61-8	Caliche	SE 27	9S	35E	State	Nov. 13-66	Per annum	25¢ Per Year	—	M-14929	Renewal of SHC M-14179
58-131-F	Blow Sand	NW 23	10S	35E	State.						
58-125-F	Blow Sand	SW 16	12S	36E	State				—	—	
87-29-S	Caliche	SE 22	12S	36E	Price				25, 26.6 32.7 28.0	2.8, 3.5, 4.4	
58-123-S	Caliche	SE 22	12S	36E	State				38.4	—	
89-25-S	CALICHE	W½NW 15	12S	35E	SAWYER				28.4	3.1 7.8 13.1	
89-28-9	"	SY2 NE NY2 SE 17	12S	38E	BURRAS				38.8 38.8 39.4	(15.5 66.6 171)	
69-5-S	Caliche	NW¼ 33	13S	36E	Gray	Mar. 14-69	Mar. 14-74	7¢ Ton	27.0 Haul 36.0 Cap	6.0	
85-11-S	Caliche	SW¼ 13	15S	37E	Dickenson Cattle Co.						
66-37-S	Caliche	SW¼ 7	15S	36E	State				38.4	4.6	
66-36-S	Caliche	SW¼ 16	15S	36E	State.	Changed to Borrow Pit			36.8	12.9	
66-39-S	Caliche	SW¼ 17	15S	36E	Hawthorne	Aug 11-66	None	7¢ Ton	28.0	6.8	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING AND PROGRAMMING DIVISION

BUREAU OF PUBLIC ROADS

84

TATUM QUADRANGLE 96

LEA COUNTY

R.34E. R.35E. R.36E. R.37E. R.38E.

T. 9 S. T.10S. T.11S. T.12 S. T.13 S. T.14 S. T.15S.

58-131-F

58-129-S

58-128-S

89-28-S

87-25-S

69-5-S

66-37-S

66-36-S

66-38-S

85-11-S

Tatum POP 1168

McDonald

Hillburn City

Prairieview

Bonney Lake

NEW MEXICO TEXAS

Scale 1 inch or 1 Inch = 3 Miles

1962

TATUM QUADRANGLE 96

108

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
64-12-S	Sand & Gravel	SE 28	15S	17W	Kemp					6.9		Excess, II
64-13-S	Sand & Gr.	SW 27	15S	17W	Pacific West. Land Co.				22.6	6.7		
85-14-S	Sand & Gravel	NW 2	16S	17W	State							
63-11-S	Gravel	SE 34	15S	17W	Pac. Wes. Lands					11.1		water air
63-12-S	Gravel	S½ 10	16S	17W	Foster				24.4	12.9		
65-23-S	Sand & Gr.	NE 21	16S	17W	McCauley				25.2	9.4		
63-10-S	Sand & Gr.	N½ 16	17S	16W	State					3.3		
88-23-S	SAND & GRAVEL	NW¼NW¼ 35	15S	17W	PACIFIC WESTERN LAND CO (JAMES SHELLEY)				18.0, 21.3, 19.5	14.6 17.0, 5.6		
58-105-S	Sand & Gravel	SE¼ 31	18S	18W	Patton Wright				—	—		
57-99-S	Sand & Gr.	NW 6	19S	18W	Wright Weaver				20.4	-		
56-14-F	Sand	6	19S	18W	Wright				—	—		
57-94S	Sand & Gravel	NW 19	19S	18W	Govt.				—	—		
61-30-S	Sand & Gr.	NW 14 NE 15	19S	21W	Govt.				20.4	2.9		
60-11-S	Gravel	SW 27 NW 34	19S	20W	Govt.				22.0	9.6		
56-5-S	Sand & Gr.	S½ 36	19S	19W	State				26.0	-		
84-7-S	Sand & Gr.	SW 8	20S	21W	Day							
56-104-F	Blow Sand	NW 31	20S	18W	Burger				-	—		
57-97-F	Blow Sand	NW 31	20S	18W	"				—	—		
56-32-F	Blow Sand	NW 31	20S	18W	Burger				-	-		
60-19-S	Gravel	NW¼ 2	21S	20W	STATE							

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

85

VIRDEN QUADRANGLE-97

GRANT & HIDALGO COUNTIES

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

GILA NATIONAL FOREST

GRANT COUNTY
HIDALGO COUNTY

VIRDEN

GILA RIVER

63-11-S

65-14-S

63-5-S

63-10-S

69-16-S

61-30-S

57-64-S

56-5-S

64-7-S

60-73-S

Scale 1 Inch = 1 Mile or 1 Inch = 3 Miles

DATE OF INVENTORY
GRANT CO. 1936

109

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
64-8-S	Sand & Gr.		15S	13W	Forest				25.1	7.5	
64-7-S	Sand & Gr	NE 25 NW 30	16S	14W 13W	Crow Corp.						
81-15-S	SAND & GRAVEL	NE 4	18 S.	15 W	SEJULJA						
60-35-S	Gravel	SW 22	17S	16W	McMillan				17.2	5.0	
60-38-S	Gravel	S½ 22	17S	16W	"				23.6	4.7	
69-3-S	Gravel	NW 17	18S	15W	State				28.8	9.3	
59-92-S	Sand & Gr.	NE 11	18S	15W	Turner				34.0	11.0	
60-36-S	Gravel	NE 11	18S	15W	Turner				36.0	14.3	
60-63S	Limestone				Highway R/W						
57-31-S	Gravel	NW 2	18S	13W	Dzeiuk.				29.6	—	
59-102-F	Silt & Sand.	NW 19	18S	15W	McMillan				—	—	
57-98-S	Gravel	NW 25	18S	13W	Kennecott Copper.				21.6	4.1	
59-80-S	Sand & Gr.	25	18S	13W	Kennecott Copper Corp.				24.0	4.7	
69-4-S		6	19S	15W					25.0 20.8	5.6	
72-14-S	Sand + Gravel	NW¼ 25	18S	13W	Kennecott	(Old 57-98-S Ext.)					
78-11-S	SAND & GRAVEL	NW¼ 25	18S	13W	KENNECOTT	(OLD 72-14-S & 57-98-S EXT)					
60-74-F	Mine Tailings Silt	SE 19	19S	14W	Phelps Dodge.						
86-22-S	Sand & Gravel										

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

86

SILVER CITY QUADRANGLE-98

GRANT & LUNA COUNTIES

R.16 W. R.15 W. R.14 W. R.13 W. R.12 W. R.11 W.

T.15 S. T.16 S. T.17 S. T.18 S. T.19 S. T.20 S. T.21 S.

64-8-S

64-7-S

69-3-S

69-10-F

70-14-F

71-3-S

71-6-F

71-14-F

71-22-F

110

SILVER CITY QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
63-13-S	Limestone		16S	9W	Forest				31.2	16.2	
62-23-S	Gravel	N½ 15	16S	8W	Tidrick				22.8	11.3	
59-68-S	Sand & Gr.	SW 12	16S	8W	Boyd				–	12.1	Not Lt.
59-69-S	Sand & Gr.	N½ 18	16S	7W	Robinson				20.4	6.1	
86-23-S	Sand & Gravel		16S	7W	Basin-Cox Inc						
59-100-S	Sand & Gr.	SE 20	17S	10W	Merino				32.0	18.7	
66-50-S	Gravel	SW 30	17S	10W	Harrington	10-20-66	None	8¢ Ton	18.8	4.9	
69-2-S	Sand & Gravel	SE¼ 24 SE¼ 19	17S	11W	Wigwam Ranch	Jan 31-69	Jan. 31-74	8¢ Ton	22.4	7.9	
81-14-S	Sand & Gravel	NE¼ 30	17 S.	10W	Galaz	Oct. 1, 1981					
58-117-S	Sand & Gravel	SW 6	20S	10W	Fisher Est.				22.0	–	
58-118-S	" "	NW 27	19S	10W	Eby				22.0	–	
58-119-S	" "	SE 28	19S	10W	Warren				18.0	–	
58-120-S	" "	SE 6	20S	10W	Richardson				22.0	–	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

87

HILLSBORO QUADRANGLE-99

SIERRA GRANT & LUNA COUNTIES

R.11W. R.10W. R. 9W. R. 8W. R.7W.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

Kingston

Hillsboro

Lake Valley

GILA NATIONAL FOREST

GRANT COUNTY

LUNA COUNTY

CITY OF ROCKS STATE PARK

Dwyer

Derry

Scale 1/62500 or 1 Inch = 1 Miles

DATE OF INVENTORY

SIERRA COUNTY 1960

GRANT COUNTY 1956

HILLSBORO QUADRANGLE 99

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
65-15-S	Sand & Gr	E½ 23	15S	5W	Dawson				20.8	6.4	
64-29-S	Gravel	11	16S	5W	Middleton				18.8	8.5	
87-21-S	Sand & Gravel	2	16S	5W	BLM						
64-11-S	Sand & Gravel	25	16S.	5W	Govt.						
64-9-S	Sand & Gravel	31	16S	4W	Govt Banner				16.4	5.1	
90-3-S	SAND & GRAVEL	NENW 19	19S	3W	BLM						
65-65-S	Gravel	NE 15	18S	4W	Govt.				19.6	22.0	
67-35-S	Sand & Gravel	23	18S	4W	Govt.				18.8	51	
63-23-S	Sand & Gravel	23	18S	4W	Govt				20.0	6.9	
63-1-S	Sand & Gravel	SW¼ 32	18S.	3W.	Jensen (Surface) State (Minerals)				17.6	3.1	Used on I [illegible]
63-2-S	Sand & Gravel	S½ 4	19S	3W	Govt Treadwell					2.4	
62-15-S	Sand & Gravel	11	19S	2W	BLM.		Used for Select Borrow		19.2	5.9	
62-16-S	Rhyolite	SW¼ 4	19S.	2W	B.L.M.						
68-18-S	Sand & Gravel	17	19S	3W	Govt.				—	—	
68-17-S	Sand & Gravel	SW 17	20S	5W	Govt.				14.0	4.0	
83-1-S	Sand & Gravel	NW¼ SW¼ 17	20S	5W	B. L. M.						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

88

HATCH QUADRANGLE-100

DOÑA ANA LUNA & SIERRA COUNTIES

R.6 W. R.5 W. R.4 W. R.3 W. R.2 W.

T.15 S. T.16 S. T.17 S. T.18 S. T.19 S. T.20 S. T.21 S.

65-15-S

57-27-S

69-28-S

64-11-S

64-9-S

68-65-S

67-35-S

63-23-S

68-18-S

68-17-S

63-1-S

Caballo Dam

Arrey

Derry

Garfield

Salem

Hatch

Rincon

Sierra Alta

Sierra County

Dona Ana County

Luna County

Rio Grande

112

Scale 1/62500 or 1 Inch = 3 Miles

DATE OF INVENTORY

DONA ANA COUNTY 1960

LUNA COUNTY 1960

HATCH QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
60-10-S	Sand & Gravel	29 32	19S	1W	Govt.						13.9
65-22-F	Sand & Silt	20	20S	1W	State				22.0	6.4	
63-3-S	Limestone	SF 20	20S	1W	State Park						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

89

SAN ANDRES MOUNTAINS QUADRANGLE-101

SIERRA & DOÑA ANA COUNTIES

R.1W. R.1E. R.2E. R.3E. R.4E. R.5E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

MERIDIAN PRINCIPAL

SIERRA COUNTY DOÑA ANA COUNTY

MILITARY RESERVATION

JORNADA RANGE

WILDLIFE REFUGE

AIR FORCE RESERVE

NATIONAL RESERVE

MEXICO

JORNADA RANGE RESERVE

ANTELOPE FLAT

NEW

UNITED STATES

SAN ANDRES NATIONAL WILDLIFE REFUGE

JORNADA RANGE RESERVE

Jornada del Muerto

Third

Standard

Parallel

Keyser Mountain South

Hembrillo Canyon

Lower Hembrillo Spring

Upper Hembrillo Spring

Mountain Sheep Spring

Four Trough Spring

Hospital Spring

Three Troughs Spring

White Rock Spring

Wild Mule Spring

Gardner Spring

Crawford Spring

Cottonwood Spring

Oak Spring

Red Lake

Reserve 4426

Reserve 4341

Reserve 7528

San Andres Peak

Las Cruces-115

To Alamogordo

To Jct. U.S. 70

60-10-S

65-22-F

63-3-S

Longitude West from Greenwich

DATE OF INVENTORY

SAN ANDRES MOUNTAINS

112

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
81-4-S	LIMESTONE.	W½ 27	18 S.	8 E.	U.S. Govt						
79-15-S	SAND & GRAVEL	SW¼ 35	20 S.	5E	Govt (Milit.)			22.0	0.5		CHEM SiO_2 = 28.1 MgO = 1%
58-50-S	Solid Rock	8	20 S	9E	Govt.			—	—		
73-11-S	Sand & Gravel	SW¼ 35	20 S.	5 E.	B.L.M.						
88-8-S	Sand & Gravel	SE¼ 33	20S	5E	Govt. (milit.)				1.1, 1.5, 3.4		
58-48-S	Limestone	SW 6	21 S	9E	Govt			23.2	—		

NEW MEXICO STATE HIGHWAY DEPARTMENT

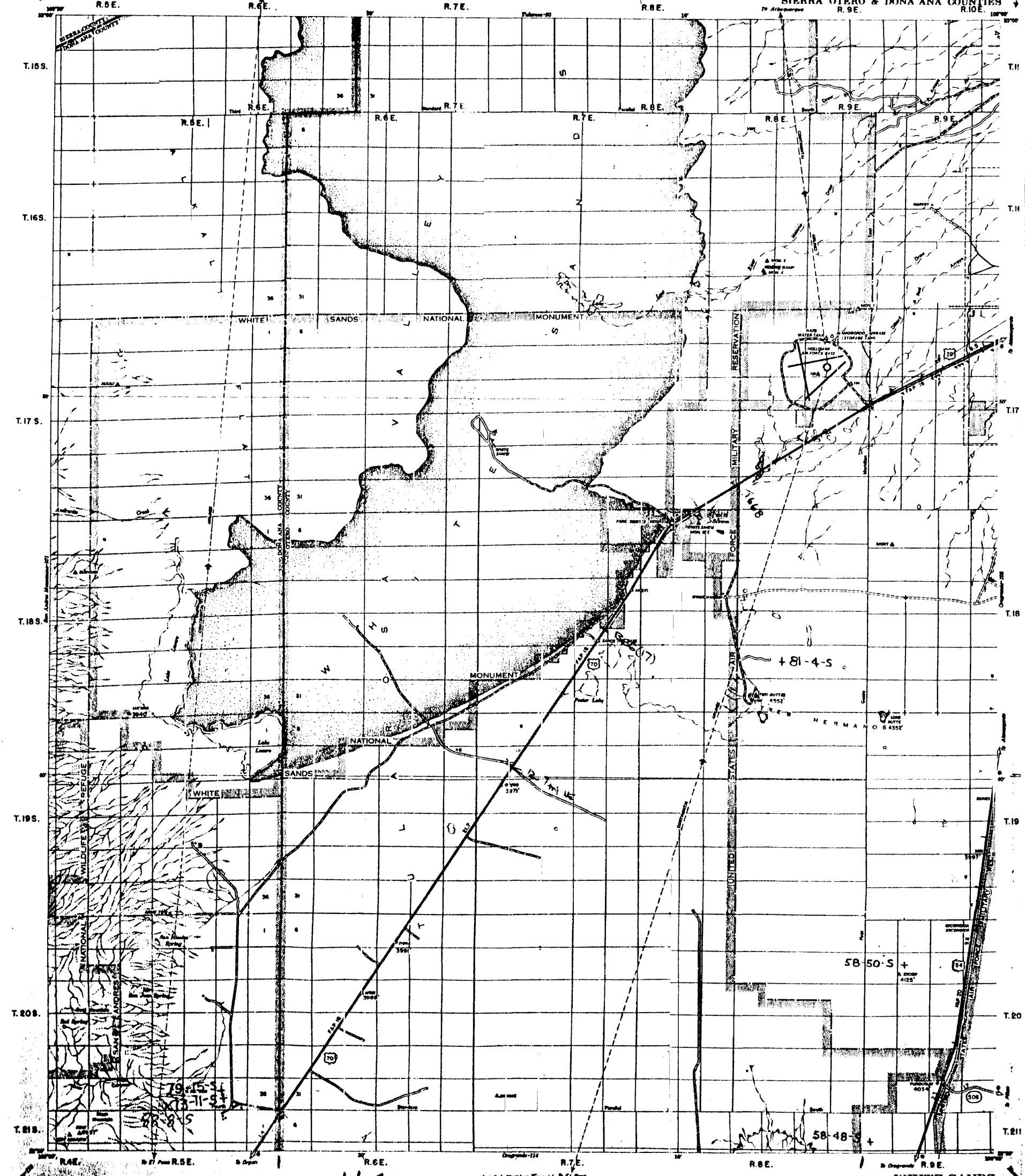
PLANNING DIVISION

BUREAU OF PUBLIC ROADS

90

WHITE SANDS QUADRANGLE-102

SIERRA OTERO & DOÑA ANA COUNTIES



Longitude West from Greenwich

Scale 1 inch = 3 Miles

DATE OF INVENTORY

WHITE SANDS QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-41-S	Sand & Gravel	S½ 1	16S	10E	Forest.				24.0	4.4	
56-24-S	Sand & Gravel	NW¼ 27	15S	10E	Gov't				—	—	
56-23-S	Sand & Gravel	NW 27	15S	10E	Govt				37.2 65.6	—	
56-65-S	Sand & Gr.	NW 27	15S	10E	Govt.				22.0	—	
86-27-S	Sand & Gravel	NW 27	15S	10E	T. Brown						
58-13-S	Gravel	1	16S	10E	Forest.				—	—	
58-18-S	Limestone	SW 31	15S	13E	Forest				19.6	—	
58-99-S	Limestone	SW 36	15S	12E	Forest.				—	—	
74-3-S	Gravel	SW¼ 6	17S	10E	Najera						
59-37-S	Soil & Limestone	SW 8	16S	14E	Forest				—	2.8	
75-3-S	Clay & Gravel	E½ 17	18S	10E	B.L.M.						
58-54-S	Sand & Gravel	E½ 17	18S	10E	Govt.				—	—	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

91

ALAMOGORDO QUADRANGLE-103

OTERO COUNTY

R.10E. R.11E. R.12E. R.13E. R.14E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

La Luz

Mountain Park

Gloudcroft POR 464

Winnett

ALAMOGORDO POP. 21,723

FOREST

NATIONAL

Alamo Peak

Blue Spring

Charles Spring

Hubbell Springs

Lightning Lake

Sacramento

Weed

Hornbuckle Hill

UNITED STATES

LINCOLN

AIR FORCE

MILITARY RESERVATION

Scale 1 inch = 3 Miles

ALAMOGORDO QUADRANGLE-103

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Aqr. Signed	Date Aqr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.	
59-36-S	Limestone	NW 13 NE 16	16S	15E	Bizzell				—	0.9		
65-30-S	Gravel	NE 9 NW 10	16S	16E	Clere				24.0	1.0		
63-20-S	Gravel	NW 28 S½ 29	16S	17E	Runyan				23.6	2.3		Wet
63-21-S	Limestone	SE 36	16S	17E	Govt.				21.2	0.3		
62-37-S	Limestone	SW 4 NW 9	17S	19E	State				24.4	3.0		
63-8-S	Limestone	SW 12	18S	14E	Forest				20.0	1.9		
60-33-S	Gravel	S½ 27	19S	15E	Merritt				25.2	1.3		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

92

MAYHILL QUADRANGLE-104

CHAVES & OTERO COUNTIES

R.15E. R.16E. R.17E. R.18E. R.19E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

R.14E. R.15E. R.16E. R.17E. R.18E. R.19E.

63-36-S

63-36-S

63-20-S

63-21-S

62-37-S

63-8-S

60-35-S

T.19½S

Mayhill

Dunken

Pinon

Elk

Chimney Peak

One Tree Peak

McDonald Lake

Bottle Lake

LINCOLN COUNTY

OTERO COUNTY

LINCOLN NATIONAL FOREST

FAS 1200

FAS 1201

116

Scale 1 Mile or 1 Inch = 3 Miles

DATE OF AERIAL SURVEY

CHAVES COUNTY 1958

OTERO COUNTY 1960

MAYHILL QUADRANGLE 104

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
62-36-5	Sand & Gravel	Mora	Grant		Martin				366	16.3	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

93

HOPE QUADRANGLE - 105

EDDY CHAVES & OTERO COUNTIES

R.20E. R.21E. R.22E. R.23E. R.24E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

R.19E. R.25E.

CHAVES COUNTY EDDY COUNTY LINCOLN NATIONAL FOREST

Hope Pop. 188

Antelope Sink

Dunken

Loco Junction

Scale 1/63360 or 1 Inch = 1 Mile

117

DATE OF INVENTORY

EDDY COUNTY 1937

HOPE QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
62-36-5	Sand & Gravel		Mora	Grant	Martin				366	16.3	

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
83-9-S	Sand & Gravel	SW¼ 3 NW¼ 10	17S	25E	B.L.M.						
88-12-S	GRAVEL	SW NW 25	16S	25E	"					13.5, 5.1, 2.0	
64-3-S	Caliche Coal. Limestone	NE 24	16S	25E	Howard				26.4	6.9	
82-10-S	Sand & Gravel	N½ 4	17S	25E	Eatenson				21.3	2.3	
64-2-S	Gravel	NW 10	17S	25E	BLM Govt.		Canceled Sept. 14-66		22.4	6.8	NM055623
83-9-S	Sand & Gravel	SW¼ 3 NW¼ 10	17S	25E	BLM Govt.						
88-14-S	GRAVEL - SOME CALICHE	S½ Sec 36	17S	25E	STATE				18.9, 18.1, 18.5	0.9, 1.0	
88-11-S		25/26	18S	26E						0.7, 1.9, 2.7	
71-7-S	Caliche	NE¼ 31	17S	28E	State	R/W to negotiable					
71-14-S (Same)	Gravel	NW 6	18S	26E	Sherrel Sp.						
60-65-S	Caliche & Gravel	NW 6	18S	26E	Sherrel				22.0	1.3	
76-10-S	Sand & Gravel	S½ 16	18S	26E	Martin						
60-64-S	Gravel	NE 8	19S	26E	Ranta.					21.0	Ch. to Fa.
62-1-S	Gravel	NE 12 SW 7	20S	25E 26E	Landry				26.0	1.8	
57-125-S	Gravel	SW 2	21S	25E	Govt.				—		

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

94

ARTESIA
QUADRANGLE-106
EDDY & CHAVES COUNTIES

R.25E. R.26E. R.27E. R.28E. R.29E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

Lake Arthur POP 380

ARTESIA POP 8,244

CARLSBAD

Lakewood

Seven Rivers

Illinois Camp

NATIONAL WILDLIFE REFUGE

LAKE MCMILLAN RESERVOIR

PAVO MESA

BURTON FLAT

SALADAR FLAT

CLAYTON BASIN

GLASS MTS.

Scale 1 inch = 3 Miles

DATE OF INVENTORY
EDDY COUNTY 1957
CHAVES COUNTY 1959

ARTESIA QUADRANGLE

118

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
83-13-S	Caliche				State						
60-66-S	Caliche	NW 3 NE 4	17S	32E	Taylor-Holdman Co.				32.4 29.6	5.2	
C3-9-FC.	Blow Sand	24	17S	30E	Govt.						
60-70-F	Sand.	SE 14	17S	30E	Govt.						
59-95-F	Sand	NW 3	18S	33E	State				—	—	
59-96-F	Blow Sand	SW 3	18S	33E	Williams				—	—	
59-93-S	Caliche	SW 2	18S	33E	State				29.2 40.0	1.2	
84-2-S	Caliche	W 28	18S	34E	State						
59-91-S	Caliche	NE 28	18S	34E	State				30.4 35.2	1.3	
71-1-S	Caliche	SE 4 13	19S	34E	State						
82-3-S	CALICHE	SE 4 16	20 S.	32E	STATE						
81-7-S	CALICHE	NE 4 4	21S	29E	U.S. GOVT.						
56-35-S	Caliche	SW 29	20S	30E	Govt.				29.2 68.0	-	
56-36-F	Blow Sand	SW 31	20S	30E	Govt.				—	-	
56-37-S	Caliche	NE 4	21S	29E	Govt.				38.0 45.2 50.0		
66-43-S	Caliche	S 36	20S	31E	~~Bonifield~~ State Land Purchase	Lease Lot. 1-66	Per annum		30.8	11.9	SHD 6941 M-198 ED M-16
66-44-S	Caliche	SE 28 NE 33	20S	32E	Govt					22.8	
66-45-F	Sand Dunes	NE 6	21S	30E	Govt.						R/W Granted NM-806 None

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

94

ARTESIA
QUADRANGLE-106
EDDY & CHAVES COUNTIES

R.25E. R.26E. R.27E. R.28E. R.29E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

Lake Arthur POP 380

ARTESIA POP 8,244

CARLSBAD

NATIONAL WILDLIFE REFUGE

Lakewood

Seven Rivers

Illinois Camp

PAVO MESA

BURTON FLAT

SALADAR FLAT

CLAYTON BASIN

PECOS RIVER

CHALK BLUFFS

Scale 1/63360 or 1 Inch = 3 Miles

DATE OF INVENTORY
EDDY COUNTY 1957
CHAVES COUNTY 1959

ARTESIA
QUADRANGLE
106

118

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

95

MALJAMAR QUADRANGLE-107

EDDY CHAVES & LEA COUNTIES

R.29E. R.30E. R.31E. R.32E. R.33E. R.34E.

T.15S. T.16S. T.17S. T.18S. T.19S. T.20S. T.21S.

US 82

NM 83 13-S

Maljamar

Loco Hills

Bookeys

QUEEN

PLAINS

RIDGE

NIMENIM

CHAVES COUNTY

EDDY COUNTY

119

MALJAMAR QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
66-41-F	Blow Sand	SW 27 SE 28	15S	36E	Sumruld	Aug. 18-66	None	12¢ Ton	–	–	
59-87-S	Caliche	NW 6	17S	35E	State				29.6 44.8	1.9	
81-10-S	CALICHE	SW¼ 22	17S	37 E.	STATE						
70-9-S	Caliche	SW¼ 28 SE¼ 29	17S	38E	Tomlinson	Feb-19-70	Feb. 19-72	7¢ Ton	26.0 25.6	8.6 12.0	
56-108-F	Blow Sand	SW 35	17S	38E	Murdock				–	–	
70-1-S	Caliche	N½ 5	18S	39E	Lawerence	Feb.11-70	Completion of Proj.	7¢ Ton	47.2 34.0	33.6	
56-107-S	Caliche	W½ 8	18S	38E	State.				31.6	–	
59-86-S	Caliche	NE¼ NW 8	18S	35E	State.				26.0 28.8	3.0	
72-7-S	Caliche	SW¼ 34	18S	37E.	State				32.8 27.6	3.0	old P.I. 60-68-S
82-9-S	QUARTZITE	IN TEXAS									"HIGGENBOTHAM PIT"
72-16-S	Caliche	SE¼ 27 NE¼ 34	18 S	36E.	State						
60-68-S	Caliche	33 34	18S	37E	State	Renewed Aug 17-67			32.8 27.6	3.0	SHD 6909 M-15024
59-85-S	Caliche	SW 35	18S	35E	State				31.3 43.6	0.7	
59-88-S	Caliche	NW 4	19S	35E	State				31.0 34.0	3.2	
86-16-S	Quartzite	NE¼ 24	19S	36E	State						
86-17-S	"	SE¼ 18	19S	37E	State						
86-18-S	"	19/30	19S	37E	State						
85-16-S	Caliche	NW 35	19S	36E	Climax Chemical						
87-31-S	Caliche	NE 11	20S	37E	S&W Cattle Co,						
85-17-S	Quartzite	SE 16	20S	37E							
70-5-F-	Sand	E½ 15	20S	38E	Earl Kornegay						
59-182-S	Caliche	SE 15	20S	38E	Wise				36.8 37.6	8.9	
71-5-S	Caliche	SE¼ 15	20 S	38 E	Kornegay						

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

96

HOBBS QUADRANGLE-108
LEA COUNTY

R.34 E. R.35 E. R.36 E. R.37 E. R.38 E. R.39 E.

T.15 S. T.16 S. T.17 S. T.18 S. T.19 S. T.20 S. T.21 S.

LOVINGTON
POP. 9,960

HOBBS
POP. 26,275

Humble City
Air Base City
Knowles
Monument
Nadine

NEW MEXICO
TEXAS

66-41-F
59-87-S
59-86-S
82-9-S
est. 5-6 miles
82-9-S
IN TEXAS
"HIGGENBOTHAM F
70-1-S
70 9-
69
+56-108-
+56-107-S
81-10-S
+59-55-S
+59-85-S
86-16-S
86-17-S
86-14-S
86-12-S
70 5-1
5-12-S
1-5-S

Scale 1/62500 or 1 Inch = 1 Mile

120

HOBBS
QUADRANGLE
108

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
60-73-S	Gravel	NW 2	21S	20W	State				23.6	6.8	
58-111-F	Granite Sand	W½ 7	21S	16W	Forest				—	—	
60-29-F	Blow Sand	W½ 28	21S	19W	State						
60-14-S	Granite Rock	NW 34	21S	19W	State					6.8	
58-110-F	Granite Sand	NE 16	22S	18W	State				—	—	
58-102-S	Sand & Gravel	34 35	22S	21W	Govt.				—	—	
56-6-S	Rock	1	23S	19W	Govt.				—	—	
67-40-S	Granodiorite	SE 7 NE 18	23S	19W	Govt. State	Feb 5-68 Feb. 6-68	June 30-69	25¢ P Annual	8.4? 17.2	3.4	M-15119
58-64-S	Rock from Mine	SE¼ 12	23S	19W	Phelps Dodge				—	—	
56-83-F	Mine Tailings	SE 14	23S	19W	Bowman				-	-	
56-16-F	Sand	SE 21	23S	17W	Govt.				-	—	
66-25-S	Rhyolite	W½ 32	23S	18W	State					1.6	
66-26-S	Sand & Gravel	16 17	24S	19W	State					14.1	
58-62-S	Sand & Gravel	SW 29	24S	21W	Govt.				18.8	—	
67-26-S	Limestone	2	25S	21W	State					1.9, 0.6, 0.7	
58-29-S	Sand & Gravel	N½ 2 S½ 35	25S 24S	20W	Kerr State				24.0	-	
[illegible]	Sand & Gravel	NW 32	28S	20W	State						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

97

LORDSBURG QUADRANGLE-109

GRANT & HIDALGO COUNTIES

R.21W. R.20W. R.19 W. R.18 W. R.17 W. R.16 W.

T. 21S. T. 22S. T. 23S. T. 24S. T. 25S. T. 26S.

LORDSBURG POP. 3,525

NORTH ALKALI FLAT

SOUTH ALKALI FLAT

TOBOSA FLATS

Dry Lake

GILA NATIONAL FOREST

Hanover Mountain

Lost Peak 5109'

Steins Mountain 5484'

Steins

Road Forks

Cotton City

Sheridan Peak 4954'

Redrock Mtn 6786'

Cedar Knob 4902'

Lightning Dock Mtn. 5902'

Kirk Peak 5869'

SOUTH PYRAMID 5590'

CONTINENTAL DIVIDE

HIDALGO COUNTY

GRANT COUNTY

ARIZONA NEW MEXICO

Scale 1/253440 or 1 Inch = 3 Miles

DATE OF INVENTORY

GRANT COUNTY 1955

HIDALGO COUNTY 1955

121

LORDSBURG QUADRANGLE 109

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
56-86-S	Soil & Gr	NW12	23S	16W	Govt.				—	—	
56-88-S	Limestone	SW17	24S	14W	Govt.						NM # 030188
62-17-F	Granite Sand	NW 18	24S	12W	Porcher						
62-11-S	Gravel	W½ 30	24S	12W	Govt					10.5	
63-19-SC	Limestone ?	NE 28	24S	12W	Govt						
62-13-S	Limestone	28	24S	12W	Govt				21.2	1.0	
56-87-S	Rhyolite	4	25S	16W	Govt.				28.0	-	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

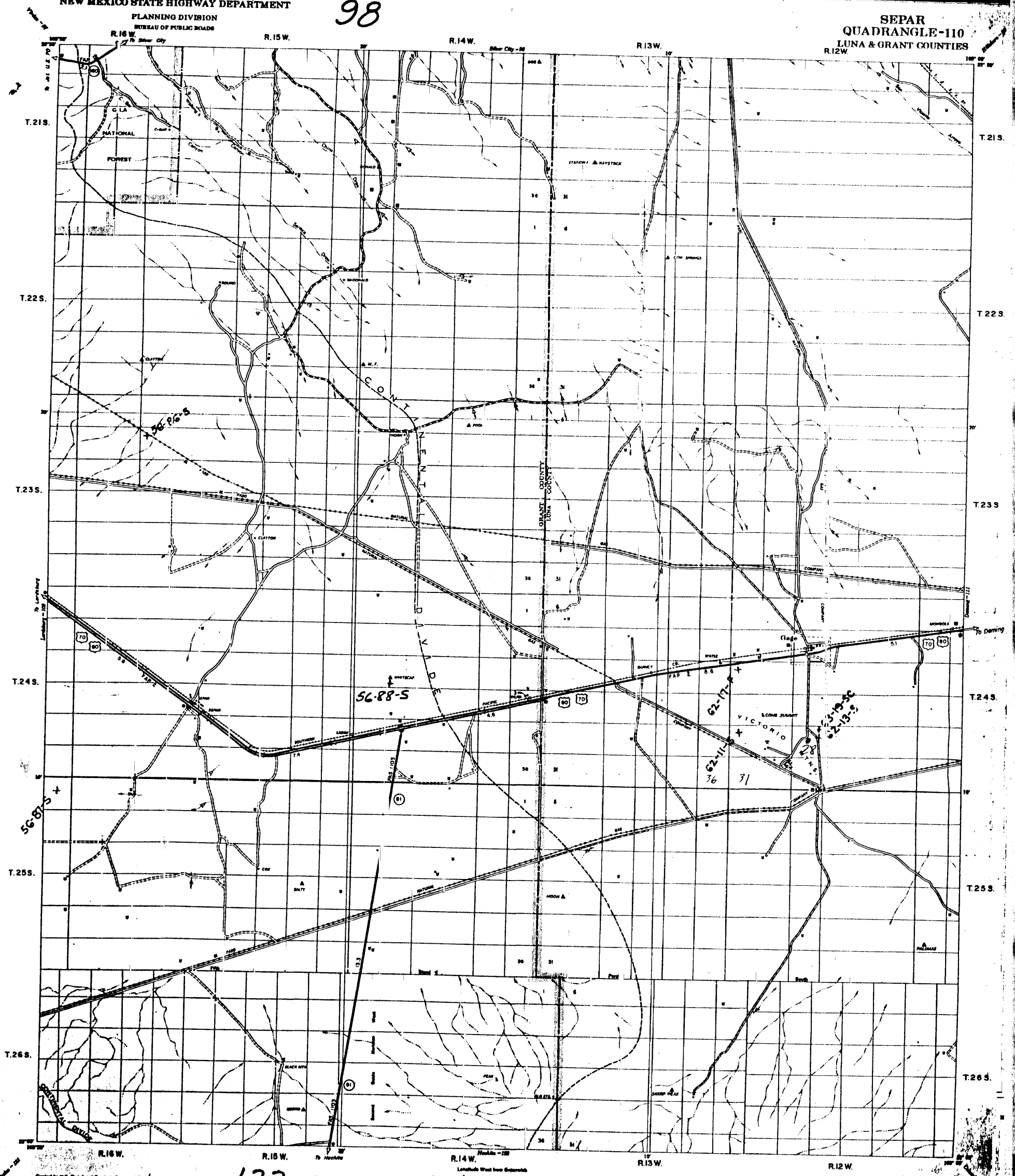
BUREAU OF PUBLIC ROADS

98

SEPAR

QUADRANGLE-110

LUNA & GRANT COUNTIES



122

SEPAR

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-51-S	Gravel	NE 36	21S	11W	State				20.0	-	
58-52-S	Gravel	13 14	21S	7W	Govt				19.2	-	
68-16-S	Gravel	12	21S	7W	Govt						
78-42-S	Sand & Gravel	SW¼ 24	21S	11W	Perrin						
72-15-S	Rhyolite	SE¼ 31	21S	7W	Govt.						
88-9-S	Sand & Gravel	SW¼ 20	22S	8W	Byron R. May				17.5	0.7, 1.2 0.7, 0.9	
64-70-S	Sand & Gr.	SW 16	23S	10W	State				20.0	1.3	
63-25-S	Sand & Gr.	SW 16	23S	10W	State				19.6	2.4	
66-51-S	Gravel	SE 14	23S	10W	Collins	Nov. 4-66	None	10¢ Ton (Minimum)	21.6	3.8	
65-2-S	Sand & Gr.	SW 22	23S	9W	Offutt						
58-53-S	Gravel	SE 34	23S	10W	Baker				20.0	-	
57-36-S	Gravel	SE 3	24S	7W	Smyer				21.2	-	
65-8-S	Sand & Gr.	SW 2	24S	7W	Bowlin				24.0	3.3	
86-19-S	Sand & Gravel	SE 3	24S	7W	Smyer						
56-34-S	Sand & Gr.	NE 23	24S	9W	Patterson				20.0	-	
57-102-S	Sand & Gr.	NW 7	25S	7W	Govt.				25.6	-	
89-15-S	Sand & Gravel	NE 25	24S	9W	O'Kelley Gravel				22.5, 19.6 19.9	4.9, 7.9, 4.5	
56-53-S	Sand & Gr.	SW 21	26S	8W	Govt.				31.2	-	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

99

DEMING QUADRANGLE-111

LUNA COUNTY

R.11W. R.10W. R.9W. R.8W. R.7W.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

78-42-S

58-51-S+

72-15-S+

88-9-S

64-70-S

63-25-S

66-51-S

GS-25

56-53-S

58-34-S

89-15-S

57-102-S+

56-53-S

DEMING POP 6,784

Red Mountain 5412

Black Mountain Elev 5378

Florida Peak 7290

Rock A Day Peak 7107

Cactus Flat

Deming South Side High

Deming North Side High

Mesquite Pass

Pringston Spring

Fluorite Ridge

Pluto Spring

Rock Tank

Spring

Stock Pens

Wyatt

Florida

Snake Hills

Burdick Hills

Little Florida Mtns

Florida Mountains

Contoured by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Reclamation Division, Acquifred Grade Protection Standard

123

Longitude West from Greenwich

Scale 1/126720 or 1 Inch = 3 Miles

DEMING QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
67-36-S	Sand & Gr.				State				24.8	7.8	
64-19-S	Sand & Gr.	NE30	23S	4W	State				22.8	2.3	
64-20-S	Rhyolite	27	23S	2W	State					3,0	
64-22-S	Gravel	33	23S	2W	State				26.4 21.2	4.8	
87-22-S	Andesite	17	24S	2W	BLM					19.6, 7.2	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

100

CAMBRAY QUADRANGLE-112

DOÑA ANA & LUNA COUNTIES

R. 6 W. R. 5 W. R. 4 W. R. 3 W. R. 2 W.

T. 21 S. T. 22 S. T. 23 S. T. 24 S. T. 25 S. T. 26 S.

LUNA COUNTY
DONA ANA COUNTY

Akela

CAMBRAY

The Saddle Mountain

Magdalena Peak 5577'

Bell Top Mountain 5735'

ROUGH AND READY HILLS

CEDAR HILLS

REICHEY BUTTE

Mimbres Lake

FAP 2

70 80

AT&SF R.R.

SP

EP

67-36-5

64-10-5

64-22-5

64-20-5

87-22-5

Longitude West from Greenwich

DATE OF INVENTORY

CAMBRAY

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
67-36-S	Sand & Gr.				State				24.8	7.8	
64-19-S	Sand & Gr.	NE 30	23S	4W	State				22.8	2.3	
64-20-S	Rhyolite	27	23S	2W	State					3.0	
64-22-S	Gravel	33	23S	2W	State				26.4 21.2	4.8	
87-22-S	Andesite	17	24S	2W	BLM					19.6, 7.2	

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

101

69-1-S

LAS CRUCES QUADRANGLE-113
DOÑA ANA COUNTY

R.1W. R.1E. R.2E. R.3E. R.4E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

Radium Springs
Hill
Robledo Mountain
CERRO ROBLEDO 5876'
Leasburg Peak
Dona Ana Peak
JORNADA RANGE
RESERVE
DOÑA ANA BEND COLONY
Dona Ana
MESILLA
Picacho Mountain
PICACHO 4954'
CIVIL COLONY GRANT TRACT 2
Fairacres
LAS CRUCES
University Park
Mesilla
Mesilla Park
SANTO TOMAS DE YTURBIDE COLONY GRANT TRACT 2
RIO GRANDE
LAVA FLOW
San Miguel
JOSE MANUEL SANCHEZ GRANT
La Mesa
Chamberino
Berino
Anthony
NEW MEXICO
TEXAS
PRINCIPAL MERIDIAN
NEW MEXICO
San Agustin Pass
San Agustin Peak
7030' CONE AT PEAK
Organ
ORGAN MTNS 7490'
Baylor Peak
7220'
Mine House Spring
Middle Spring
Rock Spring
Fillmore Spring
Rock House Spring
Dripping Springs
Organ Peak
8870'
Baldy Peak
8451'
Squaw Mountain
6817'
Pine Spring
Soledad
Dripping Spring
UNITED STATES AIR FORCE
ORGAN MOUNTAINS MILITARY RESERVATION
FORT BLISS
McGREGOR RANGE
TARGET
FRANKLIN MTNS
Mount Cristo Rey
5388'
NORTH ANTHONY'S NOSE
5390'
Berino
Chamberino
Anthony
REFUGIO COLONY GRANT TRACT 2
La Mesa
Vado

66-53-S
66-25-S
65-31-F
60-47-S
58-34-S
58-24-S
58-10-S
56-52-S
56-19-S
56-36-F
58-38-F
58-28-S
56-55-S
56-19-F
56-4-S
56-3-S
56-19-S

125

LAS CRUCES

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
69-1-S	Sand & Gravel	SW¼ 11	21S	1W	Colquitt	Feb. 5-69	Feb. 5-71	7¢ Ton	19.6	3.3	
61-5-S	Sand & Gravel	W½ 11	21S	1W	Colquitt				21.6	2.0	
65-5-S	Limestone	NW 13	21S	1W	Colquitt					1.0	
65-7-S	Sand & Gravel	14	21S	1W	Colquitt				19.6	1.8	
59-99-S	Sand & Gr.	SW 11	21S	1W	Bur. of Rec.				21.2	2.9	
65-4-S	Sand & Gravel	SW 32	22S	1E	State				22.8	4.8	Resampled 8-21-70
58-34-S	Solid Rock	SE 33	21S	1E	State				—	—	
58-35-S	Sand & Gravel	NW 33	21S	1E	State				20.0	-	
63-24-S	Sand & Gravel	NE 9	22S	1E	Govt				22.0	1.6	
56-31-F	Blow Sand				Stull Maxwell				—	—	
58-100-S	Sand & Gravel	23 26	21S	3E	Issaacks				28.8	-	
56-9-S	Sand & Gr.	NE 26	21S	3E	Issaacks				—	—	
57-10-S	Sand & Gr.	NE 26	21S	3E	"				26.0	-	
56-22-S	Granite Sand - Limestone	NE 33	21S	4E	Govt.				30.0	-	
56-19-F	Limestone	1	22S	3E	Abernathy				—	-	
56-21-F	Coarse Sand.	1	22S	3E	" "				—	-	
64-25-S	Sand & Gr.	25	23S	1W	State						
59-94-F	Fine Sand & Gr.	Grant			Burn				18.0	3.4	
60-46-S	Limestone	NW 24	23S	2E	Govt				19.6	5.6	
60-47-S	Sand & Gr.	N½ 14	23S	2E	Govt.				17.6	6.1	
57-7-S	Sand & Gr.	22	23S	2E	Govt				16.0	2.6	
57-8-S	Limestone	Grant			Govt.				17.2	0.5	
57-44-F	Soil & Gravel	NW 23	23S	2E	Govt				—	—	
58-36-F	Silt	3	24S	2E	Tellyer Pits				—	—	
58-37-F	Silt	3	24S	2E	Tellyer Pits				—	—	
58-38-F	Silt	3	24S	2E	Tellyer Pits				26.0	—	
59-185	Sand & Gr.	Grant			Govt				20.0	14.1	
64-37-S	Sand & Gravel	N½ 28	24S	3E	Govt.					5.0	
61-32-SC	Sand & Gravel	NW 28	24S	3E	—						
59-19-F	Sand	SE 16	25S	3E	State				—	—	Cancelled Aug. 31-66. M-19585 No Long. in 66-55-2046
55-55-S	Rock Quarry	16	25S	3E	Singh	July 19-66	?	7¢ Ton			
66-53-S	Gravel	SW 32	22S	1E	State				24.0	5.3	
78-82-S	ANDESITE QUARRY	BRACITO GRANT			GUILLEN						
86-28-S	Sand & Gravel	NW 28	24S	3E	BLM						
87-19-S	Sand & Gravel	18	23S	3E	BLM						
57-91-S	Sand & Gr.	SW 19	26S	4E	Govt.				22.0	2.1	
57-92-S	Soil & Gr.	SE 20	26S	4E	"				22.4	-	
79-9-S	SAND & GRAVEL	NE¼ 32	26S	4E	O'HARE						
79-44-S	SAND & GRAVEL	SW¼ 29	26S	4E	U.S. GOVT					3.1, 3.4, 2.2	

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-49-S	Sand & Gravel	SE 11	12 S	8E	Govt				27.2	-	
58-57-S	Sand & Gravel	NE 15	22 S	8E	Day Bailey				—	—	
64-5-S	Limestone	SW 14	22 S	8E	NM Highway				17.2	5.3	
56-77-F	Fine Sand & Gr	NE 35	26 S	SE	Blythe				-	-	
64-4-S	Sand & Gravel	NE 36	26 S	SE	State						
56-52-S	Sand & Gr.	In Texas			City El Paso				23.2	-	

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

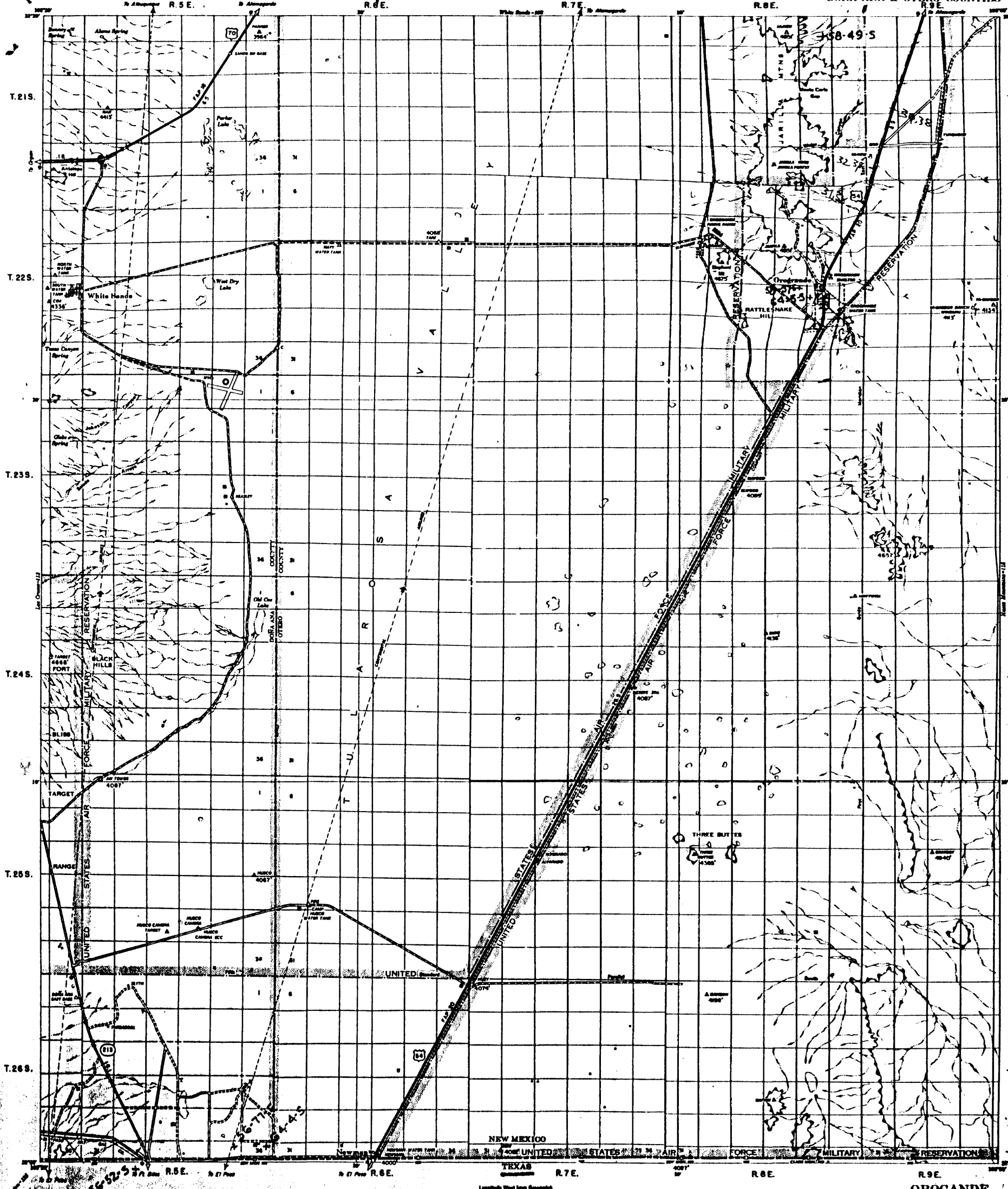
102

OROGRANDE QUADRANGLE-114

DONA ANA & OTERO COUNTIES

R.5E. R.6E. R.7E. R.8E. R.9E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.



Longitude West from Greenwich

Scale 1 in. or 1 Inch = 2 Miles

DATE OF INVENTORY

OROGANDE QUADRANGLE

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

103

HUECO MOUNTAINS
QUADRANGLE-115

OTERO COUNTY

R.9E. R.10E. R.11E. R.12E. R.13E. R.14E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

506

PRATHER

PRATHER WINDMILL

PUMPKIN

5571'

RESERVATION

MILITARY

FORCE

AIR

STATES

UNITED

NEW MEXICO

TEXAS

MOUNTAINS

Alamo Spring

Alamo Mtn.

8270'

Pullock Lake

Bennett Lake

Cornudas Mountain

Scale 1 inch = 3 Miles

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

104

GUADALUPE MOUNTAINS QUADRANGLE-116

OTERO COUNTY

R.14 E. R.15 E. R.16 E. R.17 E. R.18 E. R.19 E.

T.21 S. T.22 S. T.23 S. T.24 S. T.25 S. T.26 S.

LINCOLN NATIONAL FOREST

UNITED STATES AIR FORCE MILITARY RESERVATION

UNITED STATES AIR FORCE MILITARY RESERVATION

NEW MEXICO TEXAS

Scale 1 or 1 Inch = 3 Miles

GUADALUPE MOUNTAINS

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
58-27-S	Gravel	SW21	23S	23E	National Livestock Co				—	—	
58-28-S	Gravel	SW21	23S	23E	" "				26.8	—	
77-7-S	Sand & Gravel	SE 31	25S.	21 E	Hughs						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

105

EL PASO GAP QUADRANGLE-117

OTERO & EDDY COUNTIES

R.19E. R.20E. R.21E. R.22E. R.23E. R.24E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

LINCOLN NATIONAL FOREST

OTERO COUNTY EDDY COUNTY

LINCOLN NATIONAL FOREST

UNITED STATES AIR FORCE

MILITARY RESERVATION

LINCOLN NATIONAL FOREST

LINCOLN NATIONAL FOREST

CARLSBAD CAVERNS NATIONAL PARK

NEW MEXICO TEXAS

Lookout Point 4851'

Cone Butte

Bogle Flats

Sandans Point

Tobacco Mesa

Sitting Bull Falls

Last Chance 5668'

Arno Peak 5788'

Dunken

Pierce Canyon

Rattlesnake Canyon

Slaughter Canyon

Dark Canyon

Hackberry Canyon

Walnut Canyon

Lechuguilla Spring

Hammond Spring

Hidden Soap Spring

Black River Spring

Soldier Spring

Double Dan Spring

Frankie Spring

Lonesome Ridge

Red Lake

Juniper Lake

Keller Lake

Pete Lake

Cottonwood Spring

Hess Spring

Horse Spring

Oryx Spring

Mudcreek Cave

Ogle Cave

Hidden Cave

Black Cave

Whistling Cave

New Cave

Scale 1/63360 or 1 Inch = 3 Miles

Longitude West from Greenwich

STATUTE MILES

DATE OF INVENTORY

OTERO COUNTY 1960

EDDY COUNTY 1957

EL PASO GAP QUADRANGLE 117

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-74-F.	Blow Sand	SW27	21S	27E	Gout				—	—	
59-67-S	Limestone	NE34	21S	27E	Gout.				22.0 32.8	3.0 3.5	
59-73S	Caliche	NE 1	22S	28E	Gout.				—	15.0	
71-13-F	Sand	SE^4 6	22S.	27E	?						
59-66-S	Limestone Gravel	SW 7	22S	27E	Cargill				—	3.2	
57-126-S	Gravel	SW 7	22S	27E	Eddy Co.				24.4	-	
65-57S	Gravel	SW 7	22S	27E	Cargill				22.0	0.9	
78-5-S	GRAVEL	NE^{4}35	22 S.	26E	CITY OF CARLSBAD						
78-26-S	SAND & GRAVEL	SE^4 10	23 S	28 E.	CARRASCO						
87-13-S	Sand & Gravel	34/3	22S/23S	26E	BLM						
82-15-S	SAND & GRAVEL	SEC. 24	23 S	25 E.	B.L.M.						
81-8-S	SAND & GRAVEL	NW^4 11	23S	28E.	ONSUREZ						
58-24-S	Gravel	NE 31	23S	28E	Grandi.				26.8	-	
58-25-F	Blow Sand	SW 1	24S	28E	State Gout?				—	—	
71-12-S	Gravel & Silt	NE^4 17	24S.	26 E.	B.L.M.						
89-3-S	SAND & GRAVEL (WET)	SENE 6	23 S	28E	Roberson	[can be used as Borrow Source and A wet surf. pit]				4.1, 16.2	

NEW MEXICO STATE HIGHWAY DEPARTMENT

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

106

CARLSBAD QUADRANGLE-118

EDDY COUNTY

R.24E. R.25E. R.26E. R.27E. R.28E. R.29E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

CARLSBAD POP. 17,975

LOVING POP. 1,487

CARLSBAD CAVERNS NATIONAL PARK

Black River Village

White City

Malaga

Orla

Hermon

Carlsbad Caverns

Guadalupe Ridge

Cottonwood Hills

Avalon Hills

Mackerry Hills

Adobe Flat

Pecos River

Black River

FAP 83 (285)

FAP 22

FAS 1203

FAS 1204

FAS 1205

FAS 1207

59-7-S

78-5-S

87-13-S

82-5-S

71-12-S

58-24-S

8-26-S

Scale 1/250,000 or 1 Inch = 3 Miles

Longitude West from Greenwich

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Private Surveys, Modified County Projection, Standard Polyconic South American Datum

CARLSBAD QUADRANGLE 118

NEW MEXICO STATE HIGHWAY DEPARTMENT

107

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

POTASH QUADRANGLE-119

EDDY & LEA COUNTIES

R.29E. R.30E. R.31E. R.32E. R.33E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

MAROON CLIFFS

RED LAKE

LINDSEY LAKE

HILL TANK 3597

MESCALERO RIDGE

MESCALERO SANDS

POKER LAKE

EAST POKER LAKE

BIG SINKS

CAMPBELL

INTERNATIONAL MINERALS & CHEMICAL CORP.

CRAWFORD & LONDON

U.S. POTASH CO.

EDDY COUNTY — LEA COUNTY

FAS 1271

NEW MEXICO — TEXAS

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

EDDY COUNTY 1956

LEA COUNTY 1956

POTASH QUADRANGLE 119

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
59-107-S	Caliche	E² 16	21S	37E	State				-	26.2	
59-108-F	Blow Sand	NE 21	21S	37E	Hardy				-	-	
59-113-S	Caliche	SW 24	21S	37E	Stephens Est				-	6.0	
73-2-S	Caliche & Conglom.	SW⁴ 24	21S	37E	Stephens Es.,		1-8-76	7¢ Ton			
60-99-F	Blow Sand	NW 32	21S	38E	State						
60-50-S	Caliche	S² 29	21S	38E	Wallach				30.8 37.2	9.6	
73-10-S	Caliche	29	21S	38E	Wallach						
74-13-S	Caliche	E² 22	21S	36E	State						
56-101-S	Caliche	SE S	25S	37E	State				58.4 36.4		
57-9-S	Caliche	SW 4	25S	37E	Woolworth				33.2 56.0		
57-15-S	Caliche	W² 16	25S	37E	State				31.2 49.0		

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING AND PROGRAMMING DIVISION
BUREAU OF PUBLIC ROADS

108

EUNICE QUADRANGLE 120
LEA COUNTY

R.34E. R.35E. R.36E. R.37E. R.38E.

T.21S. T.22S. T.23S. T.24S. T.25S. T.26S.

59-13-S
73-2-S
73-10-S
84-1-S

NEW MEXICO
TEXAS

Scale 1 inch = 2 Miles

EUNICE
QUADRANGLE
120

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
76-6-S	Sand & Gravel	8	27S	21W.	B.L.M.						
85-15-S	" "	SW32	26S	20W	State						
82-2-S	GRAVEL	NE¼ 5	29S	19W	DUNAGAN						

109

NEW MEXICO STATE HIGHWAY DEPARTMENT
PLANNING DIVISION
BUREAU OF PUBLIC ROADS

RODEO QUADRANGLE-121
GRANT & HIDALGO COUNTIES

85-15-S

R.21W. R.20W. R.19W. R.18W. R.17W. R.16W.

T.27S. T.28S. T.29S. T.30S. T.31S. T.32S.

Animas

Rodeo

Playas Lake

Coronado National Forest

Chiricahua Mts.

Peloncillo Mts.

Animas Mts.

Black Mountain 6500'

Turk Mountain 5713'

Skeleton Canyon

Geronimo Trail

Scale 1 inch = 3 Miles

DATE OF INVENTORY
GRANT COUNTY 1956
HIDALGO COUNTY 1956

RODEO QUADRANGLE

126

110

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

HACHITA
QUADRANGLE-122
LUNA GRANT & HIDALGO COUNTIES

R.16W. R.15W. R.14W. R.13W. R.12W.

T.27S. T.28S. T.29S. T.30S. T.31S. T.32S.

COYOTE HILLS

CONTINENTAL DIVIDE

LITTLE HATCHET MOUNTAINS

HACHITA VALLEY

APACHE HILLS

SYLVANITE

78-3-5

GRANT COUNTY

HIDALGO COUNTY

LUNA COUNTY

NEW MEXICO / CHIHUAHUA

REPUBLIC OF MEXICO

R.16W. R.15W. R.14W. R.13W. R.12W.

127

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Planning Division-Modified Cassini Projection Standard Parallel 31°47' North Azimuthal Datum

Alamo Hueso Mountains - 127

Longitude West from Greenwich

Scale 1/63360 or 1 Inch = 1 Mile

DATE OF INVENTORY

LUNA COUNTY 1960

GRANT COUNTY 1956

HIDALGO COUNTY 1958

HACHITA
QUADRANGLE
122

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
88-5-S	Sand & Gravel	25	28S	9W	BLM					9.1, 9.9, 11.3 18.2	
87-5-S	Sand & Gravel	7	29S	8W	SLO						
87-27-S	basalt	NW 12	29S	8W	D. Oppenheimer						

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

111

5766

COLUMBUS QUADRANGLE 123

LUNA COUNTY

R.11W. R.10W. R.9W. R.8W. R.7W.

T.27S. T.28S. T.29S.

88-5-5

88-5-5

88-27-5

Columbus POP. 307

CARRIZALILLO HILLS

TREE HERMANAS

NKW MEXICO

CHIHUAHUA

REPUBLIC OF MEXICO

Control by U.S. Coast and Geodetic Survey; U.S. Geological Survey; U.S. Forest Service; Bureau of Land Management and Reclamation Division. Modified Cassini Projection

Longitude West from Greenwich

Scale 1/126,720 or 1 Inch = 3 Miles

COLUMBUS QUADRANGLE

PIT NUMBER	Type of Material	Location Sec.	Twp	Rge.	Owner	Date Agr. Signed	Date Agr. Exp.	Royalty	Wear	Sound.	Lease or Permit No.
86-02-5	Dolomite										

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

112

MT RILEY QUADRANGLE-124

DOÑA ANA & LUNA COUNTIES

R.6 W. R.5 W. R.4 W. R.3 W. R.2 W.

T.27 S.

T.28 S.

T.29 S.

LUNA COUNTY

DOÑA ANA COUNTY

INDIAN BASIN

SOUTHERN PACIFIC

AMERICAN CONTINENTAL

EL PASO & SOUTHWESTERN

TEXAS & PACIFIC

SOUTHERN PACIFIC

NEW MEXICO

CHIHUAHUA

R E P U B L I C O F M E X I C O

86-02-5

Scale 1/62500 or 1 Inch = 3 Miles

DATE OF INVENTORY

DOÑA ANA COUNTY 1980

LUNA COUNTY 1980

MT. RILEY QUADRANGLE 124

NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

113

LA UNION
QUADRANGLE-125
DOÑA ANA COUNTY

R.1W. R.1E. R.2E. R.3E. R.4E.

T.27S. T.28S. T.29S.

KILBOURNE HOLE

HUNT'S HOLE

PHILLIP'S HOLE

PRINCIPAL MERIDIAN

NEW MEXICO

REFUGIO

COLONY

GRANT

TRACT

La Union

RIO GRANDE

SANTA TERESA

Anapra

To El Paso

NEW MEXICO
CHIHUAHUA

REPUBLIC OF MEXICO

Scale 1/62500 or 1 Inch - 1 Mile

LA UNION
QUADRANGLE
125

121

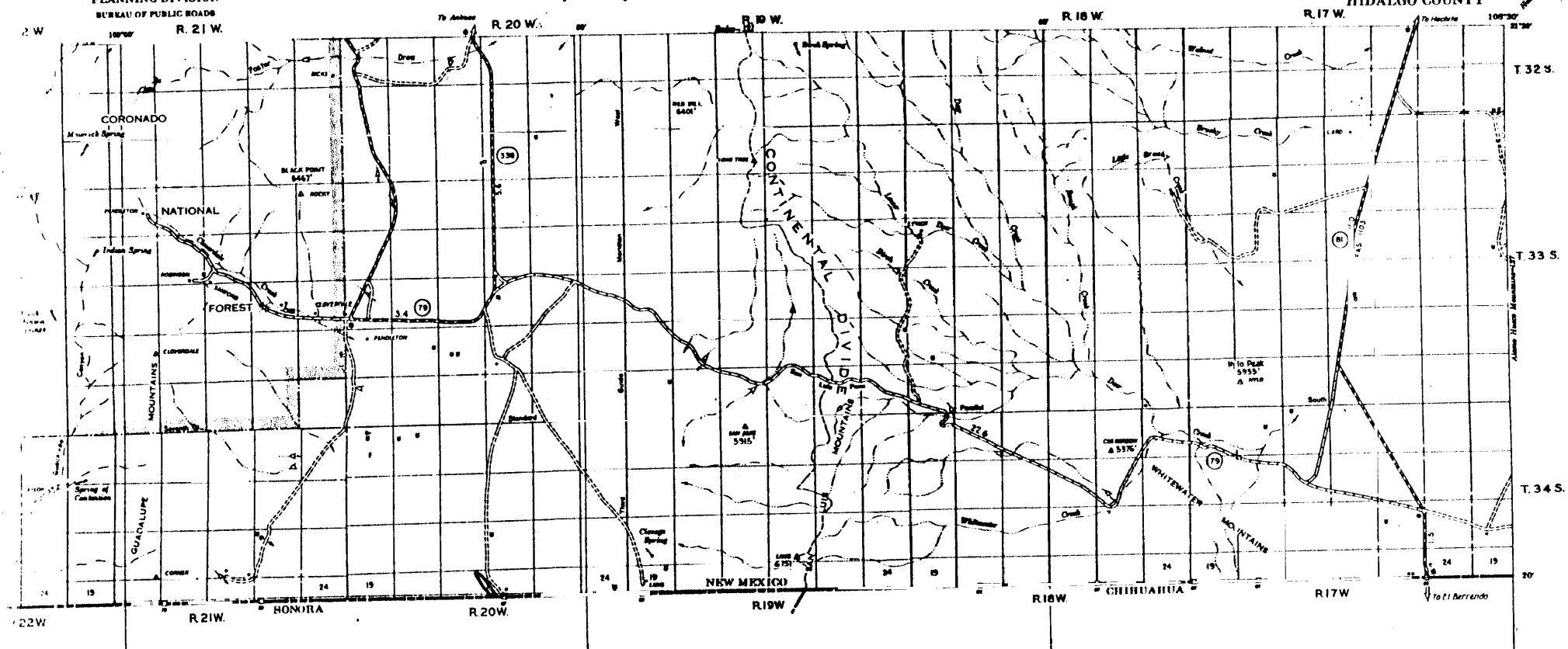
NEW MEXICO STATE HIGHWAY DEPARTMENT

PLANNING DIVISION

BUREAU OF PUBLIC ROADS

CLOVERDALE QUADRANGLE-126

HIDALGO COUNTY



REPUBLIC OF MEXICO

Scale $\frac{1}{190080}$ or 1 Inch = 3 Miles

GLOVERDALE QUADRANGLE 126

NEW MEXICO STATE HIGHWAY DEPARTMENT

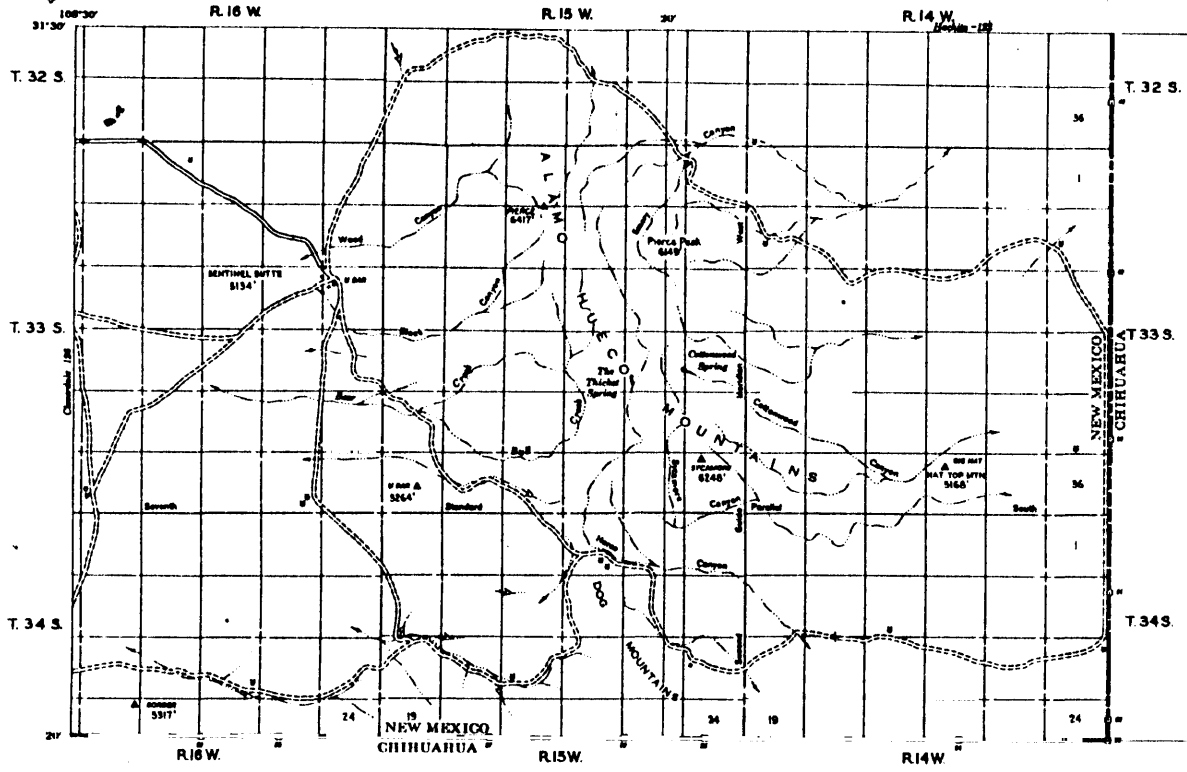
PLANNING DIVISION

BUREAU OF PUBLIC ROADS

122

ALAMO HUECO MOUNTAINS QUADRANGLE-127

HIDALGO COUNTY



REPUBLIC OF MEXICO

Control by U.S. Coast and Geodetic Survey, U.S. Geological Survey, U.S. Forest Service, Bureau of Land Management and Existing Stations. Modified Cassini Projection Standard Parallel 31°47' North, Azimuthal Datum

Longitude West from Greenwich

Scale 1/62500 or 1 Inch = 1 Mile

1 Mi 0 1 2 3 4

Contour Interval 100 Feet

Datum is Mean Sea Level

ALAMO HUECO MOUNTAINS
QUADRANGLE
127