

PETROLEUM DEVELOPMENTS IN NEW MEXICO .

1974

by
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Open File Report 58

Introduction

This report presents a series of tables and figures depicting statistical data on petroleum developments in New Mexico for 1974. The source of the data includes reports of The New Mexico Oil and Gas Conservation Commission, Petroleum Information, Oil and Gas Journal, World Oil, American Association of Petroleum Geologists, American Petroleum Institute, American Gas Association, and various newspaper articles. Every attempt has been made to insure as accurate a report as possible. Several reports including much of the same information are published each year in trade journals and government documents. The fact that no two will contain the same statistical data emphasizes the difficulty of arriving at accurate information for such large and diverse enterprises as the petroleum industry.

This report has not been edited to conform with standards of the New Mexico Bureau of Mines and Mineral Resources.

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COUNTY and AREA	OIL AND GAS TESTS								
	EXPLORATORY WELLS			DEVELOPMENT WELLS			TOTALS		
	No.	Footage	Average Depth (ft)	No.	Footage	Average Depth (ft)	No.	Footage	Average Depth (ft)
Chaves	24	108,279	4,512	38	112,901	2,971	62	221,180	3,567
Eddy	100	705,601	7,056	256	1,869,266	7,302	356	2,574,867	7,233
Lea	31	313,636	10,117	248	1,616,953	6,520	279	1,930,589	6,920
Roosevelt	3	24,937	8,312	6	34,148	5,691	9	59,085	6,565
Southeast Area	158	1,152,453	7,294	548	3,633,268	6,630	706	4,785,721	6,779
McKinley	6	12,028	2,005	21	34,179	1,628	27	46,207	1,711
Rio Arriba	6	24,904	4,151	190	914,617	4,814	196	939,521	4,793
Sandoval	16	41,941	2,621	3	7,952	2,651	19	49,893	2,626
San Juan	14	54,634	3,902	151	647,499	4,288	165	702,133	4,255
Northwest Area	42	133,507	3,179	365	1,604,247	4,395	407	1,737,754	4,270
All other counties	28	176,933	6,319	---	---	---	28	176,933	6,319
State Totals	228	1,462,893	6,416	913	5,237,515	5,737	1,141	6,700,408	5,872

TABLE 1: DRILLING STATISTICS, 1974: OIL AND GAS TESTS

COUNTY and AREA	MISCELLANEOUS WELLS										TOTAL FOOTAGE DRILLED
	CARBON DIOXIDE		OWDD		JUNKED		WATER INJECTION		TOTALS		
	No.	Footage	No.	Footage	No.	Footage	No.	Footage	No.	Footage	
Chaves	--	--	2	484	1	250	--	--	3	734	221,914
Eddy	--	--	9	8,753	11	4,001	4	11,150	24	23,904	2,598,771
Lea	--	--	22	24,136	5	1,444	7	40,495	34	66,075	1,996,664
Roosevelt	--	--	--	--	--	--	--	--	--	--	59,085
Southeast Area	--	--	33	33,373	17	5,695	11	51,645	61	90,713	4,876,434
McKinley	--	--	--	--	--	--	8	10,842	8	10,842	57,049
Rio Arriba	--	--	2	139	--	--	--	--	2	139	939,660
Sandoval	--	--	--	--	--	--	--	--	--	--	49,893
San Juan	--	--	1	191	--	--	--	--	1	191	702,324
Northwest Area	--	--	3	330	--	--	8	10,842	11	11,172	1,748,926
All other counties	18	47,140	--	--	1	715	--	--	19	47,855	224,788
State Totals	18	47,140	36	33,703	18	6,410	19	62,487	91	149,740	6,850,148

TABLE 2: DRILLING STATISTICS, 1974: MISCELLANEOUS WELLS

TABLE 3: 1974 Footage/Average Depth by type of Operation

	Majors						Indp.					
	Wildcats		Avg. Devel		Avg. Depth		Wildcats		Avg. Devel		Avg. Depth	
	*W			*W			*W		*W.	Depth	*W	
Chaves	---	--	2		5,937	2,964	24	108,279	4,512	36	106,964	2,971
Eddy	16	154,694	9,668	53	556,447	10,499	84	550,907	6,558	203	1,312,819	6,467
Lea	10	136,044	13,604	92	512,462	5,570	21	177,592	8,457	156	1,104,491	7,080
Roosevelt	1	8,290	8,290	2	15,500	7,750	2	16,647	8,324	4	18,648	4,662
SE	27	299,028	11,075	149	1,090,346	7,318	131	853,425	6,515	399	2,542,922	6,373
McKinley	---	--		---		--	6	12,028	2,005	21	34,179	1,628
Rio Arriba	2	16,132	8,066	142	685,701	4,829	5	17,197	3,439	47	220,491	4,691
Sandoval	---	--		---		--	16	41,941	2,621	3	7,952	2,651
San Juan	4	24,374	6,094	91	431,681	4,744	10	30,260	3,026	60	215,818	3,597
NW	6	40,506	6,751	233	1,117,382	4,796	37	101,426	2,741	131	478,440	3,652
Other	11	61,498	5,591		---	--	17	115,435	6,790		---	--
Totals	44	401,032	9,114	382	2,207,728	5,779	185	1,070,286	5,785	530	3,021,362	5,701

*W - Wells

COUNTY and AREA	EXPLORATORY WELLS						Temp. Abd.	Total Wells	%*
	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	Dry			
Chaves	1	4	---	---	---	18	1	24	21%
Eddy	5	23	---	---	1	58	13	100	33%
Lea	3	8	---	---	---	20	---	31	35%
Roosevelt	---	1	---	---	---	2	---	3	33%
Southeast Area	9	36	---	---	1	98	14	158	32%
McKinley	---	---	---	---	---	5	1	6	0%
Rio Arriba	---	---	---	---	---	4	2	6	0%
Sandoval	2	1	---	---	---	4	9	16	43%
San Juan	1	---	---	---	---	13	---	14	7%
Northwest Area	3	1	---	---	---	26	12	42	13%
All Other Counties	---	3	---	---	---	22	3	28	12%
State Totals	12	40	---	---	1	146	29	228	27%

*Does not include temporarily abandoned wells

TABLE 4: COMPLETION DATA, 1974: EXPLORATORY WELLS

COUNTY and AREA	DEVELOPMENT WELLS							Total Wells	% * Success
	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	Dry	Temp. Abd		
Chaves	12	8	---	---	---	10	8	38	67%
Eddy	91	98	---	3	14	44	6	256	82%
Lea	171	29	5	3	---	35	5	248	86%
Roosevelt	3	---	---	---	---	3	---	6	50%
Southeast Area	277	135	5	6	14	92	19	548	83%
McKinley	13	---	---	---	---	5	3	21	81%
Rio Arriba	4	159	---	2	23	---	2	190	100%
Sandoval	1	1	---	---	---	---	1	3	100%
San Juan	42	88	---	---	4	11	6	151	92%
Northwest Area	60	248	---	2	27	16	12	365	95%
All Other Counties	---	---	---	---	---	---	---	---	---
State Totals	337	383	5	8	41	108	31	913	88%

TABLE 5: COMPLETION DATA, 1974: DEVELOPMENT WELLS

COUNTY and AREA	ALL WELLS						Temp. Abd	Total Wells	% * Success
	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	Dry			
Chaves	13	12	---	---	---	28	9	162	47%
Eddy	96	121	---	3	15	102	19	356	70%
Lea	174	37	5	3	---	55	5	279	80%
Roosevelt	3	1	---	---	---	5	---	9	44%
Southeast Area	286	171	5	6	15	190	33	706	77%
McKinley	13	---	---	---	---	10	4	27	57%
Rio Arriba	4	159	---	2	23	4	4	196	98%
Sandoval	3	2	---	---	---	4	10	19	56%
San Juan	43	88	---	---	4	24	6	165	85%
Northwest Area	63	249	---	2	27	42	24	407	89%
All Other Counties	---	3	---	---	---	22	3	28	12%
State Totals	349	423	5	8	42	254	60	1,141	77%

TABLE 6: COMPLETION DATA, 1974: ALL WELLS

TABLE 7: LOWEST FORMATION REACHED: NORTHWEST AREA

Formation	McKinley				Rio Arriba				Sandoval				San Juan				Totals				Total Wells
	Indp.		Majors		Indp.		Majors		Indp.		Majors		Indp.		Majors		Indp.		Majors		
	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	
Tertiary									7								7				7
Farmington																					
Kirtland																					
Fruitland													1		3		1		3		4
Pictured Cliffs					24		79						20		24		44		103		147
Lewis																					
Chacra					7		19						1		8		8		27		35
Mesaverde	1	8			5		3		2	2			3				3	18	3		24
Gallup	2	7			2		1						2	7	14		4	16	15		35
Mancos					3		2		2				6				2	9	2		13
Dakota		5			2	6	1	39	2				6	22	3	22	10	33	4	61	108
Morrison	2				2				1				2		1		7		1		8
Entrada	1	1							2	1							3	2			5
Chinle																					
Cutler																					
Pennsylvanian															19				19		19
Mississippian															1				1		1
Devonian																					
Precambrian					1												1				1
Totals	6	21	0	0	5	47	1	143	16	3	0	0	10	60	4	91	37	131	5	234	407

TABLE 8: LOWEST FORMATION REACHED: SOUTHEAST AREA

Formation	Chaves				Eddy				Lea				Roosevelt				Totals				Total Wells
	Indp.		Majors		Indp.		Majors		Indp.		Majors		Indp.		Majors		Indp.		Majors		
	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	WC	Dev.	
Salado					3												3				3
Tansill						4					1							4	1		5
Yates					1				3	3		9					4	3		9	16
Seven Rivers					5	10			1	1		6					6	11		6	23
Queen	10	19		1		7			1	44		11					11	70		12	93
Grayburg				1		6				5		9						11		10	21
Castile																					0
Capitan Reef					3												3				3
San Andres	5	12			4	65	1	3	2	32		19		4			11	113	1	22	147
Delaware Mtn.					22	9	2	1	2	1		5					24	10	2	6	42
Glorieta												2								2	2
Yeso						4		2		7	1	11						11	1	13	25
Bone Spring					1							3					1			3	4
Abo								1	2	6		3					2	6		4	12
Wolfcamp						1			2	3					2		2	4		2	8
Cisco					1	1				13							1	14			15
Canyon																					0
Strawn					1					8							1	8			9
Atoka										9								9			9
Morrow					3	18	2	4	3	6	3	1					6	24	5	5	40
Mississippian	3	4			37	83	10	42	2	8	3	3					42	95	13	45	195
Silvro/Devonian	3				3		1		1	7	1	2					7	7	2	2	18
Montoya	1								1				1		1		3		1		4
Simpson																					0
Ellenburger											2								2		2
"Granite Wash"	1									2		1					1	2		1	4
Precambrian	1	1							1	1		7	1				3	2		7	12
Totals	24	36	0	2	84	208	16	53	21	156	11	92	2	4	1	2	131	404	28	149	712

TABLE 9: LOWEST FORMATION REACHED: NONPRODUCING COUNTIES

	Colfax	Curry	DeBaca	Guadalupe	Harding	Lincoln	Mora	Otero	Quay	San Miguel	Santa Fe	Sierra	Union	Valencia
Carlile	2													
Ft. Hays	2													
Graneros	1													
Dakota	2						2							
Morrison											1			1
Permian						1		1						
San Andres				1										
Yeso					1									
Pennsylvanian										3				
Mississippian			2					1?						
Precambrian	1	1	2		8?			1?	1			1	10?	3
Totals	8	1	4	1	9	1	2	3	1	3	1	1	10	4

TABLE 10: 1974 Wildcat Discoveries by type and formation - Southeast Area

Formation	Chaves				Eddy				Lea				Roosevelt				Totals	
	Indp.	Majors	Indp.	Majors	Indp.	Majors	Indp.	Majors	Indp.	Majors	Indp.	Majors	Indp.	Majors	Indp.	Majors	Oil	Gas
Tansill																		
Yates																		
Seven Rivers							1										1	
Queen		1																1
Grayburg																		
San Andres	1																1	
Glorieta																		
Yeso																		
Delaware					1	3											1	3
Bone Springs									2								2	
Abo					1	1											1	1
Wolfcamp					1		1			1	1		1				2	3
Granite Wash																		
Cisco					1	2											1	2
Canyon																		
Strawn																		
Atoka		2			2						1							5
Morrow					9		5		3		2						19	
Mississippian		1																1
Siluro/Devonian																		
Montoya																		
Simpson																		
Ellenberger																		
Grayburg/																		
San Andres						1											1	
Strawn/Morrow							1											1
	1	4			4	17	1	7	3	3	1	4		1				

Indps: 8 oil - 25 gas

Majors: 2 oil - 10 gas - 1 dual gas

TABLE 11: 1974 Wildcat Discoveries by type, company, and formation; Northwest area

[illegible]

Chaves Independents				
Comp. Date	Well	Location	Producing Formation	Initial Production
1/28	Superior 1 Chatten & Muncy	660S 1980E 18-6S-28E	Miss	1600 MCF
2/20	Furr 1 O'Brien	660SW 4-8S-28E	Psa	20B0
9/5	Depco 1 Midwest	660S 1980E 23-10S-29E	Atoka	2290 MCF
5/1	Read & Stevens 1 Winton	1980NW 20-12S-31E	Queen	1972 MCF
12/23	FAF 11 N. King Camp	660SE 35-13S-29E	Atoka	1000 MCF

Eddy - WILDCAT DISCOVERIES

Comp. Date	Well	Location	Producing Formation	Initial Production
5/6	Yates 1 Stonewall DD	660S 1980W 20-20S-28E	WC	127BO
1/7	Texas O & G Corp. 1 Williamson Fed	1980N 660W 9-20S-29E	Morrow	15060 MCF
1/15	Bass 39 Big Eddy	1980NE 29-21S-28E	Morrow	9000 MCF
2/2	Bass 38 Big Eddy	660N 1980W 34-21S-29E	Morrow	8337 MCF
5/31	S ⁿ Union Prod 2 Shelby Fed.	1900S, 2220W 12-22S-24E	Cisco	17000 MCF
2/26	Hannifin & Cook 1 Merland	2004S 1870E 14-22S-26E	Del Ramsey	182BO
9/6	Apexco 1 Walterschied	2240N, 1830E 35-22S-27E	Morrow	9335 MCF
9/16	Bass 42 Poker Lake	1980NE 10-25S-30E	Atoka	16594 MCF
3/23	Williamson 1 Ross Draw	660S 1980W 27-26S-30E	Del Ramsey	902 MCF

ALL SOUTH AND EAST
Eddy - WILDCAT DISCOVERIES

Comp. Date	Well	Location	Producing Formation	Initial Production
4/2	Samedan 1 Amoco Fed	1980NE 19-16S-28E	Morrow	3935 MCF
11/30	Yates 1 High Hope BJ Fed	690N 480W 13-17S-23E	Abo	1120 MCF
4/18	Western Oil Prod 1 Flint	1980S 660W 25-17S-25E	Cisco	19,000 MCF
1/29	Coquina 1 Haines	760S 1980E 11-17S-26E	Atoka	3039 MCF
3/25	Yates 1 Fed. CW	720S 1830W 1-19S-24E	Abo	11BO
1/17	Coquina 1 Pan Canadian	1980NW 34-19S-25E	Morrow	28,463 MCF
4/30	Coquina 1 Watkins Fed.	1980N 660W 4-19S-27E	Cisco	42BO
2/8	Coquina 1 Gulf Fed.	660NE 5-19S-27E	Morrow	3125 MCF
10/7	Hondo 1 Union TX State	660S 1980W 17-19S-29E	Morrow	2876 MCF
3/16	Ard 1 Hackberry	1980NE 25-19S-30E	Morrow	1065 MCF
5/15	Penroc 1 Combs Fed.	660SE 15-20S-27E	Delaware Mtn GP	745 MCF
8/18	Penroc 1 Foxie Fed.	1980N 2086W 18-20S-28E	Delaware	SI

Eddy

Comp. Date	Well	Location	Producing Formation	Initial Production
3/15	Amoco 1 Arco Fed	1980S, 660W 26-17S-27E	WC	34,950 MCF
12/17	Gulf 1 Jones Fed	2310S, 660W 14-20S-25E	GB/SA	38BO
3/27	Champlin 1 Pecos Fed	660N, 1980W 1-22S-27E	Strawn Morrow	2,500 MCF 8,900 MCF
7/19	Phillips 1 Sandy Unit	1980N, 660W 24-23S-30E	Morrow	2250 MCF
11/12	Amoco 1 S. Rock Tank	1980NE 2-24S-24E	Morrow	SI
4/15	Gulf, Franklin Fed.	660S 2235W 9-24S-24E	Morrow	1586 MCF
3/3	Phillips 1 Malaga A	1980S 660W 2-24S-28E	Morrow	2427 MCF
7/15	Mobil 1 Corral Draw	1980SW 14-25S-29E	Morrow	19,517 MCF

Lea

Comp. Date	Well	Location	Producing Formation	Initial Production
11/7	Phillips 1 Marg A	1980SW 25-9S-32E	Atoka	2507 MCF
9/26	Texaco 1 New Mexico DQ State	660N1980W 17-21S-35E	Morrow	SI
11/26	Amoco 1 Rock Lake Unit	1980S, 660W 28-22S-35E	WC	53BO
4/29	EPNG 1 Cooper Fed.	1980N2180W 21-24S-36E	Morrow	4443 MCF
12/30	Exxon 1 Fairview Mills Fed.	990S 1980E 14-25S-34E	WC	5700 MCF

Lea - WILDCAT DISCOVERIES

Comp. Date	Well	Location	Producing Formation	Initial Production
10/27	Hilliard, Mc Elrain Fed.	1980SE 30-18S-34E	Bone Spring	132BO
9/8	Vierson 4 Laney	560S 2000E 30-18S-39E	Seven Rivers	360BO
11/13	Dorchester 1 Record	1980S 660E 26-19S-35E	Morrow	3846 MCF
12/2	Brunson & McKnight 1 Leggett	1980N 660E 33-21S-33E	Morrow	5600 MCF
8/15	Southern Union Prod 1 Barbera Fed	1980S 990E 6-22S-34E	Bone Spring	58BO
2/23	Brunson & McKnight 1 Ojo Chiso Unit	1980N 660W 23-22S-34E	Morrow	14744 MCF

Roosevelt - WILDCAT DISCOVERIES

[illegible]

Sandoval

[illegible]

San Juan

Comp. Date	Well	Location	Producing Formation	Initial Production
	Tenneco 2 Monument	800NW 16-24N-10W	Kd	10BO

TABLE 14: EXPLORATORY TESTS 1974: NONPRODUCING COUNTIES

Colfax

Comp. Date	Well	Location	Producing Formation	Initial Prod.	Status	Deepest Tested	Depth (ft)
9/2	Amoco 1 State EX	1980N 660E 14-25N-25E	---	CO ₂ ?	TA	Precambrian	2240'
10/22	Amoco 1 Springer Cattle	830N 910W 3-27-21	---		D & A	Ft. Hays	1930'
10/17	Amoco 1 Phelps Dodge	1660S 580W 30-28-21	---		D & A	Graneros	2790'
10/27	Amoco 2 Springer Cattle	2300N 1870W 18-28-22	---		D & A	Ft. Hays	2052'
11/4	Amoco 1 Bell	330SE 23-28-23	---		D & A	Carlile	2830'
4/9	American Fuels 5 WS Ranch	785S 787E 30-30-19	---		TA	Dakota?	2500'
11/1	Amoco 1 Moore Ranch	2310N 330E 32-30-24	---		D & A	Carlile	1221'
4/9	American Fuels 10 WS Ranch	709S 3040E 24-31-19	---		TA	Dakota?	3600'

Curry

11/3	Exxon 1 Brown	990SE 36-6N-34E			D & A	Precambrian	7067'
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DeBaca

Comp. Date	Well	Location	Producing Formation	Initial Prod.	Status	Lowest Tested	Depth (ft)
8/14	Cities Service 1 Spencer	1975N 1980W 25-1N-28E	Strawn	166 MCF	SI	Precambrian	7030'
7/10	Sandefer 1 Good	664N 663E 21-4N-27E			D & A	Mississippian	7000'
8/12	Sandefer 1 Vaughn	659N 658W 21-1S-26E			D & A	Precambrian	5800'
5/1	Cities Service 1 McClain	1977S 1982E 21-2S-28E	Strawn	144 MCF	SI	Mississippian	7093'

Guadalupe

6/15	Petrol. Dev. Corp. 1 Vaughn	2030N 682W 16-6N-17E	---	---	D & A	San Andres	526'
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Harding

Comp. Date	Well	Location	Producing Formation	Initial Production		Remarks	
8/3	Amoco 1 State FK	660N 1980E 24-17N-32E	---	----	D & A	Tubb	2693
?	Amoco 1 State FN	660S 1980W 11-19N-29E	---	?	?	Precambrian?	2180
1/21	Amoco 1 Culbertson	660NW 4-19-32E	Tubb	965 MCF CO ₂	SI	Precambrian	2501
6/2	Amoco 2 Heimann	1320S 660W 3-19N-33E	Tubb	1.3 MCF CO ₂ interference well	SI?	Precambrian	2660
7/17	Amoco 1 State FE	990N 660E 2-21N-31E	Tubb	251 MCF CO ₂	SI	Precambrian	2451
?	Amoco 1 State FM	1980NE 34-19N-30E	---	?	?	?	?
?	Amoco 1 State FL	1980SW 34-19N-32E	---	?	?	?	?
?	Amoco 2 State FD	1320N 660E 23-20N-31E	---	?	?	?	2360
?	Amoco 1 State FG	1980S 990W 36-21N-32E	---	?	?	?	2500

Lincoln

Comp. Date	Well	Location	Producing Formation	Initial Production	Remarks	
11/11	Duggar 1 Helen Fed.	330S 2310E 23-6S-10E			TA Permia	1250

Mora

11/4	Wood 1 Simms	660S 3300E 9-21N-21E	Dakota	387 MCF	SI	Dakota 632
11/18	Brooks 1 Fernandez	1980N 830W 17-22N-21E	---	---	D & A	Dakota 1272

Otero

10/9	Houston 1 Lewelling	660NW 12-12S-9E	Penn	200 MCF	D & A	Mississippian? 9358
9/1	Houston 1 State 2748	2018S 990E 25-12S-9E	---	---	J & A	Permian 715
8/5	Houston 1 State 3724	2198S 1160W 36-14S-10E	---	---	D & A	Precambrian 4579

Quay

3/15	Amoco 1 Baker	1980N 890E 29-9N-30E			D & A	Precambrian 8330
------	---------------	-------------------------	--	--	-------	------------------

San Miguel

Comp. Date	Well	Location	Producing Formation	Initial Production	Remarks	
5/15	Silver Monument 1 Sedberry	990N 1650E 25-17N-16E			D & A	Pennsylvanian 4811
7/2	Monument Energy Corp 2 Sedberry	553N 2085E 25-17N-16E			D & A	Pennsylvanian 4718
6/13	Monument Energy Corp 1 Sue Ann	660N 1980W 25-17N-16E			D & A	Pennsylvanian 5030

Santa Fe

10/1	Eastland 1 McKee	1980NE 8013N-9E			D & A	Morrison 2093
------	---------------------	--------------------	--	--	-------	---------------

Sierra

3/4	Exxon 1 Beard	1980SE 5-14S-1E			D & A	Precambrian 8850
-----	---------------	--------------------	--	--	-------	------------------

Union

7/17	Amoco 1 State FF	1980N 660W 36-22N-32E	Tubb	732MCF CO2	SI	Precambrian 2444
6/28	Amoco 1 State FH	660SE 36-22N-34E	Tubb	883MCF CO2	SI	Precambrain 2668

Union (continued)

Comp. Date	Well	Location	Producing Formation	Initial Production	Remarks	
8/27	Amoco 1 State EZ	660N 1980W 22-25N-31E			D & A Precambrian	2338
8/26	Amoco 1 State EY	660S 1980W 23-26N-31E			D & A Precambrian	2973
?	Amoco 1 State FJ	660NE 16-18N-34E		?	? ?	2985
8/1	Amoco 1 Stevenson	1980N 660E 11-20N-34E	Tubb	792 MCF CO ₂	SI ?	2558
?	Amoco 1 State FI	660S 1980E 36-20N-34E		?	?	2670
5/24	Amoco 1 Myklebust	1980S 660E 15-20-35E			D & A Precambrian	3178
9/6	Amoco 1 State FS	660NW 1-22N-34E			D & A Precambrian	3001
?	Amoco 1 State FT	1980NE 36-22N-34E		?	? ?	2740

Valencia

9/24	Shell 2 Santa Fe	1650S 660W 29-6N-1W			D & A Entrada	14305
5/4	Reese & Jones 1 Tecalote	1650S 1980E 8-6N-3W			D & A Precambrian?	3516
7/23	Reese & Jones 1 Carriso	990S 2050W 34-7N-3W			D & A Precambrian	3588
6/21	Reese & Jones 1 Lucero	660SE 36-7N-3W			D & A Precambrian	2962

TABLE 15: DEVELOPMENT COMPLETIONS BY AGE: NORTHWEST AREA

[illegible]

TABLE 16: DEVELOPMENT COMPLETIONS BY AGE: SOUTHEAST AREA

[illegible]

TABLE 17: DEVELOPMENT COMPLETIONS BY TYPE OF COMPANY

	Independents									Majors									Totals					
	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	D&A	TA	Misc. (1)	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	D&A	TA	Misc. (1)	Oil	Gas	Oil/Oil	Oil/Gas	Gas/Gas	D&A	TA	Misc. (1)
Chaves	11	8	---	---	---	9	8	---	1	---	---	---	---	1	---	---	12	8	---	---	---	10	8	---
Eddy	86	69	---	---	7*	37	4	9	5	29	---	3	7	7	2	---	91	98	---	3	14*	44	6	9
Lea	111	8	---	1	---	33	3	2	60	21	5	2	---	2	2	7	171	29	5	3	---	35	5	9
Roosevelt	1	---	---	---	---	3	---	---	2	---	---	---	---	---	---	---	3	---	---	---	---	3	---	---
Southeast Area	209	85	---	1	---	82	15	11	68	50	5	5	7	10	4	7	277	135	5	6	14*	92	19	18
McKinley	13	---	---	---	---	5	3	3	---	---	---	---	---	---	---	5	13	---	---	---	---	5	3	8
Rio Arriba	1	37	---	---	---	---	2	---	3	120	---	2	16	---	2	---	4	157	---	2	23	---	4	---
Sandoval	1	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	1	1	---	---	---	---	1	---
San Juan	10	41	---	---	---	5	4	---	32	47	---	---	4	6	2	---	42	88	---	---	4	11	6	---
Northwest Area	25	79	---	---	7	10	10	3	103	217	---	2	20	6	4	5	60	246	---	2	27	16	14	8
Totals	234	164	---	1	14*	92	25	14	171	267	5	7	27	16	8	12	337	381	5	8	41*	108	33	26

TABLE 18: OLD WELLS WORKED OVER (OWWO) OR DRILLED DEEPER (OWDD)

		OWWO								OWDD							
		Oil	Gas	Oil/Oil	Oil/Gas	D&A	TA	J&A	WIW/WDW	Oil	Gas	Oil/Oil	Oil/Gas	D&A	TA	J&A	WIW/WDW
Chaves	I*	---	1	---	---	1	---	---	---	---	---	---	---	---	2	---	---
	M	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Eddy	I	13	4	---	---	5	---	---	---	2	5	---	---	1	---	---	---
	M	1	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---
Lea	I	20	5	---	---	4	2	2	2	5	---	---	1	---	---	---	---
	M	34	16	---	---	1	1	---	3	9	2	1	1	2	---	---	---
Arriba	I	1	1	---	---	---	---	---	---	---	2	---	---	---	---	---	---
	M	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
San Juan	I	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	M	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---
Totals		71	27	---	---	11	3	2	5	17	10	1	2	3	2	---	---

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[illegible]

TABLE 20: OLD WELLS DRILLED DEEPER - COMPLETIONS BY AGE

[illegible]

TABLE 21. OIL AND GAS PRODUCTION, 1974

(Annual Report of New Mexico Oil and Gas Engineering Committee)

County and area	CRUDE OIL (barrels)		NATURAL GAS (thousands cu ft)	
	Production	Gain(+) or decline(-) from 1973	Production	Gain(+) or decline(-) from 1973
Chaves	1,787,622	- 133,491	10,293,711	- 14,401
Eddy	21,504,533	+3,464,235	229,214,339	+17,958,713
Lea	66,028,464	-5,806,427	436,930,336	+16,777,410
Roosevelt	<u>1,372,927</u>	<u>- 246,907</u>	<u>5,842,166</u>	<u>- 1,862,112</u>
Southeast area	<u>90,693,546(92%)</u>	<u>-2,722,590</u>	<u>682,280,552(55%)</u>	<u>+32,859,610</u>
McKinley	1,263,069	- 410,382	2,668,041	+ 312,738
Rio Arriba	1,475,669	- 140,066	174,869,865	- 3,776,838
Sandoval	264,131	+ 63,723	1,288,661	+ 249,462
San Juan	<u>4,998,550</u>	<u>+ 918,594</u>	<u>368,565,817</u>	<u>+ 488,533</u>
Northwest area	<u>8,001,419(8%)</u>	<u>+ 431,869</u>	<u>547,392,384(45%)</u>	<u>- 2,726,104</u>
State totals	98,694,965	-2,290,721	1,229,672,936	+30,133,506

TABLE 22. OIL AND GAS RESERVES, 1974

(Annual Report of American Gas Association) ^{and} American Petroleum Institute)

Area	CRUDE OIL (barrels)		NATURAL GAS (thousands cu ft)	
	Reserves	Gain(+) or decline(-) from 1973	Reserves	Gain(+) or decline(-) from 1973
Southeast area	597,761,000(96%)	-21,373,000	4,327,505,000(36%)	-175,472,000
Northwest area	<u>27,207,000(4%)</u>	<u>+ 3,347,000</u>	<u>7,617,397,000(64%)</u>	<u>-367,989,000</u>
State totals	624,968,000	-18,026,000	11,944,902,000	-543,461,000

180

160

140

120

100

80

60

40

20

180

160

140

120

100

80

60

40

20

MILLIONS OF BARRELS

129,226,861 bbls

FIGURE 1. CRUDE OIL PRODUCTION IN NEW MEXICO

1945

1950

1955

1960

1965

1970

1975

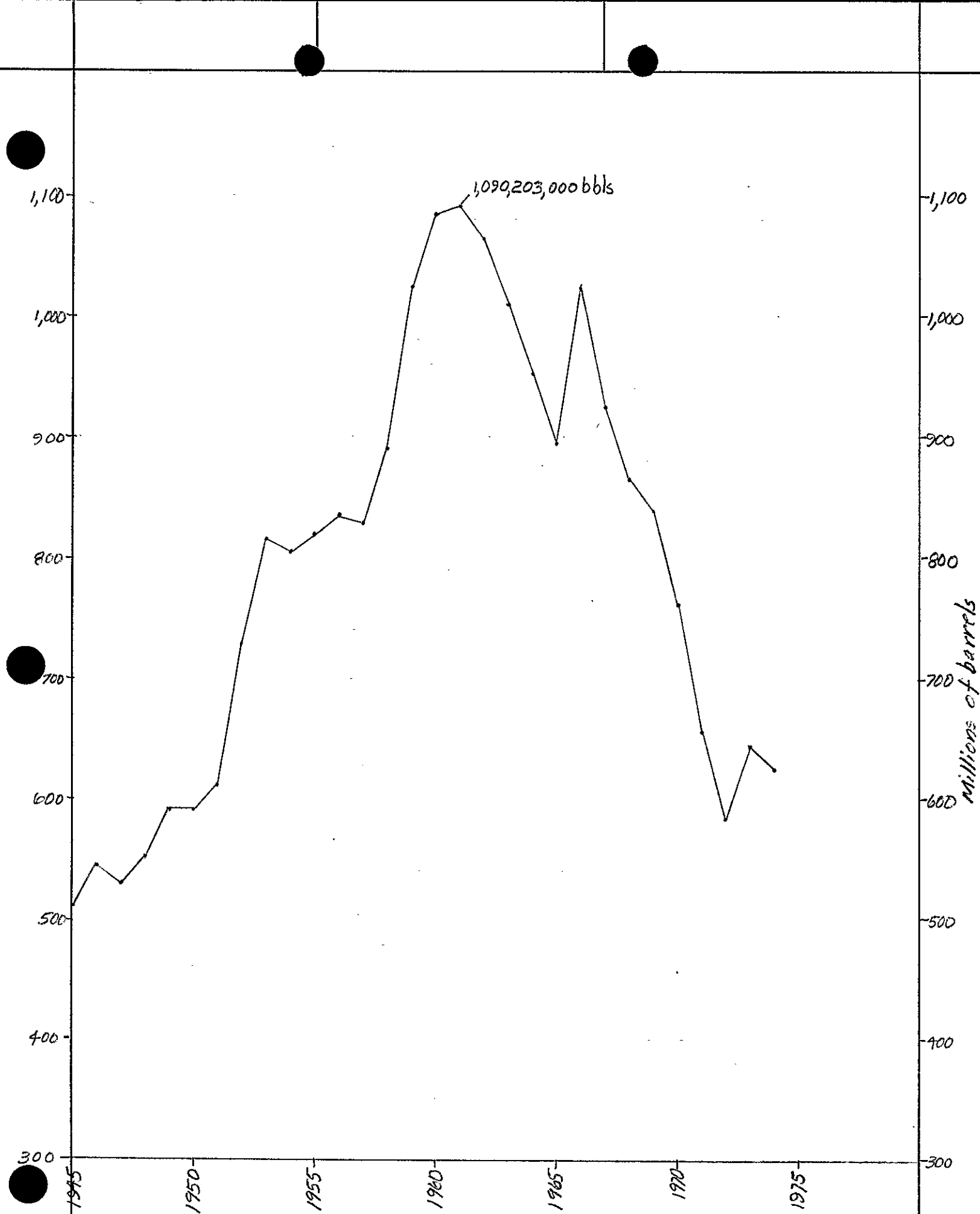
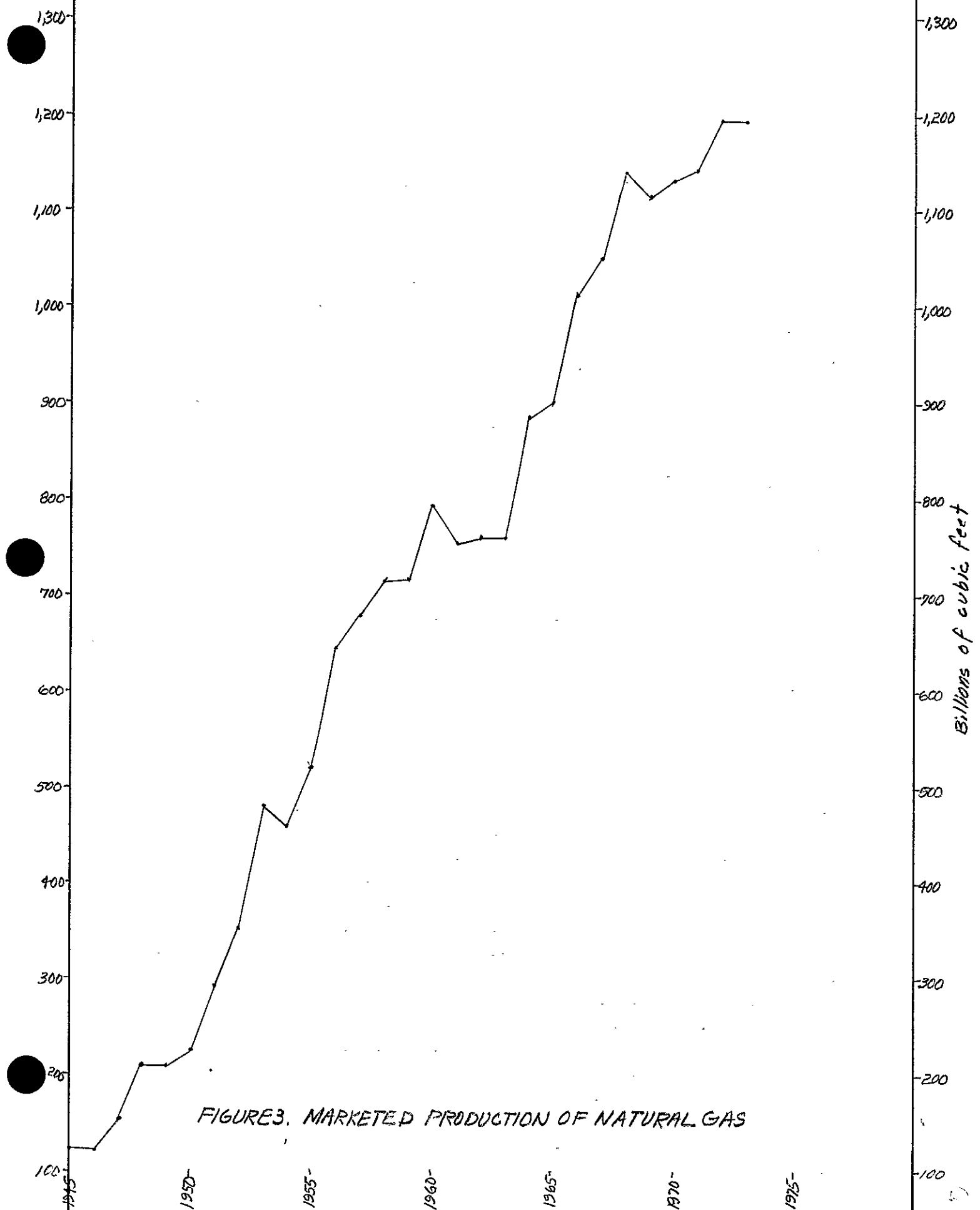
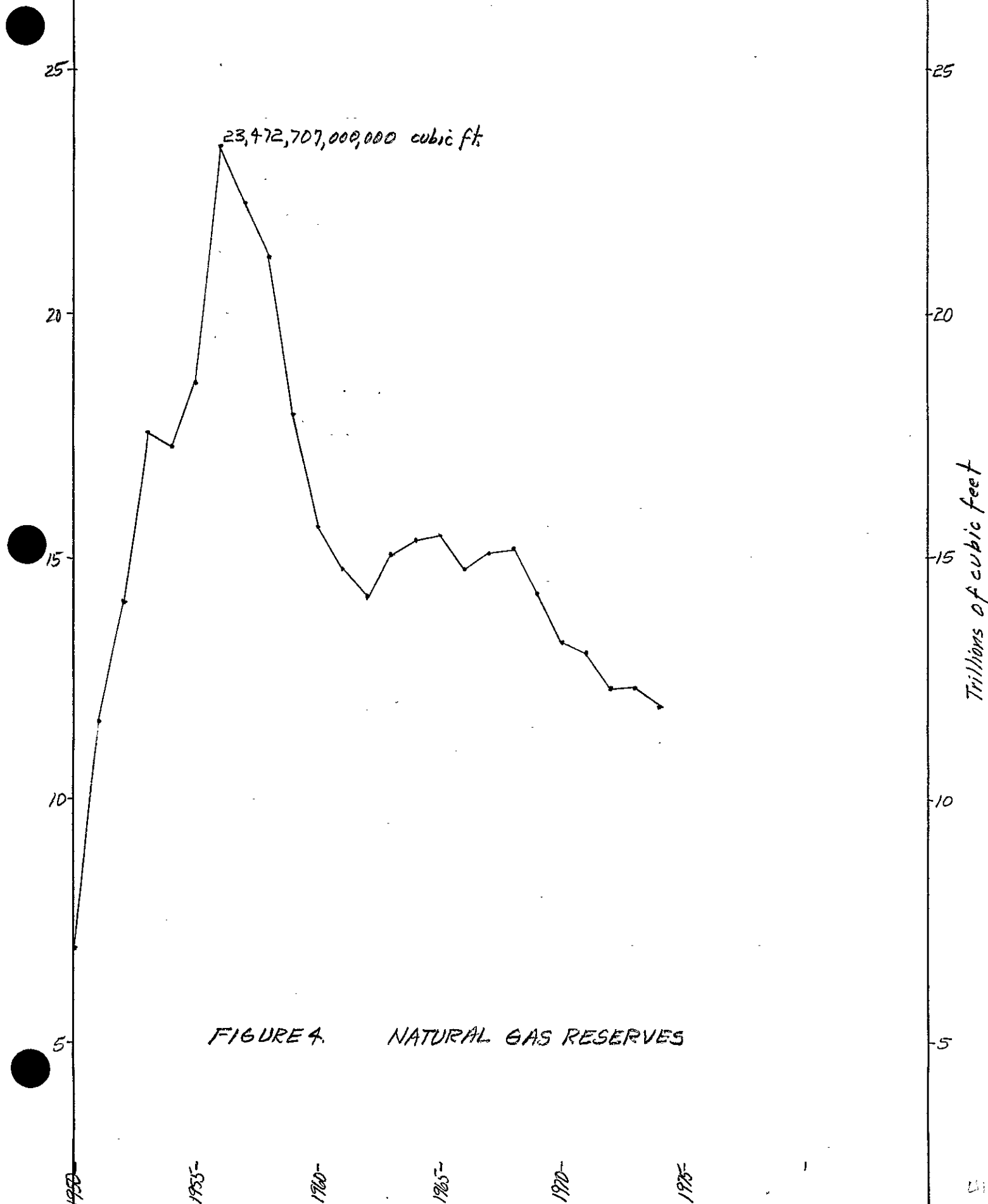


FIGURE 2. CRUDE OIL RESERVES IN NEW MEXICO





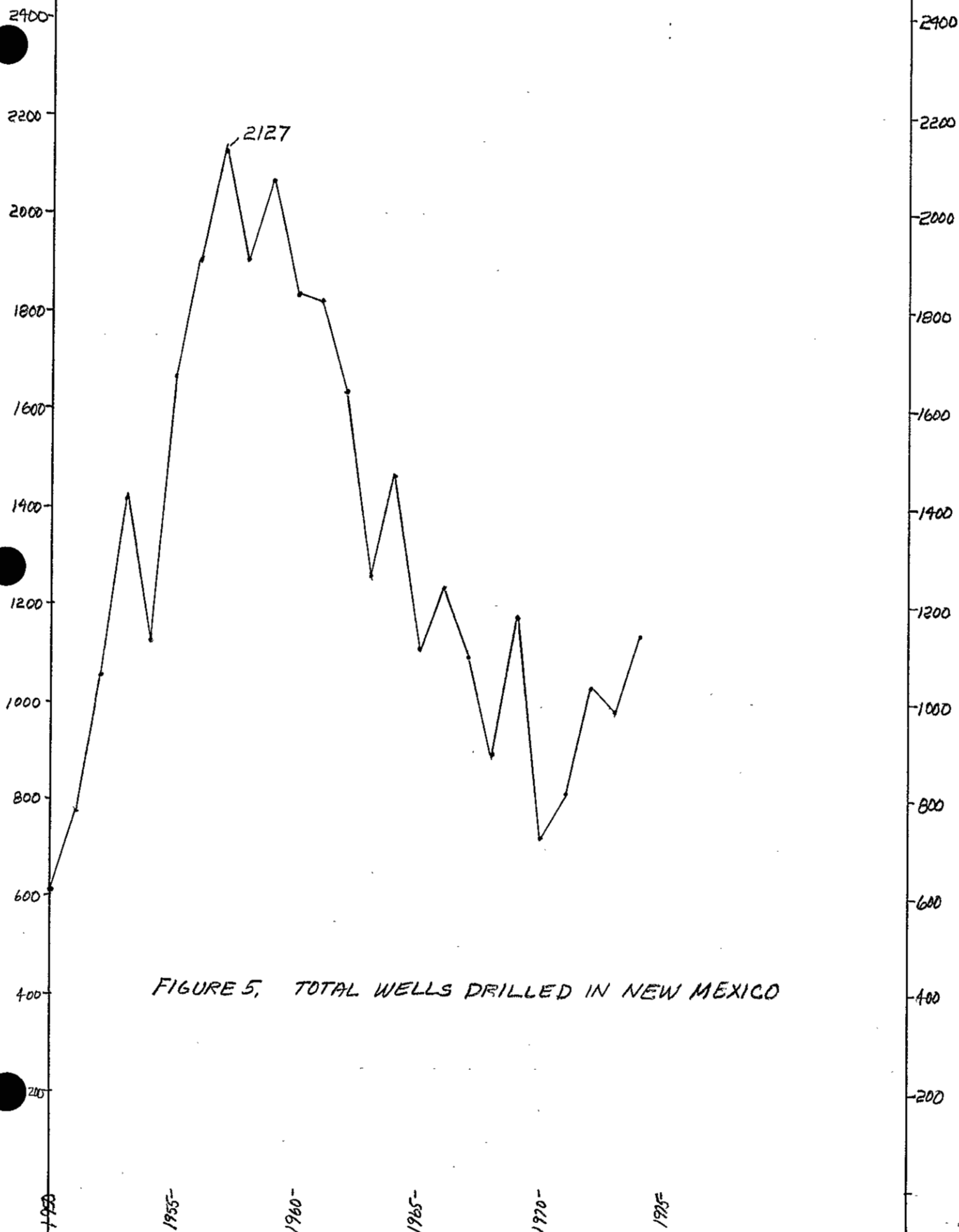


FIGURE 5, TOTAL WELLS DRILLED IN NEW MEXICO

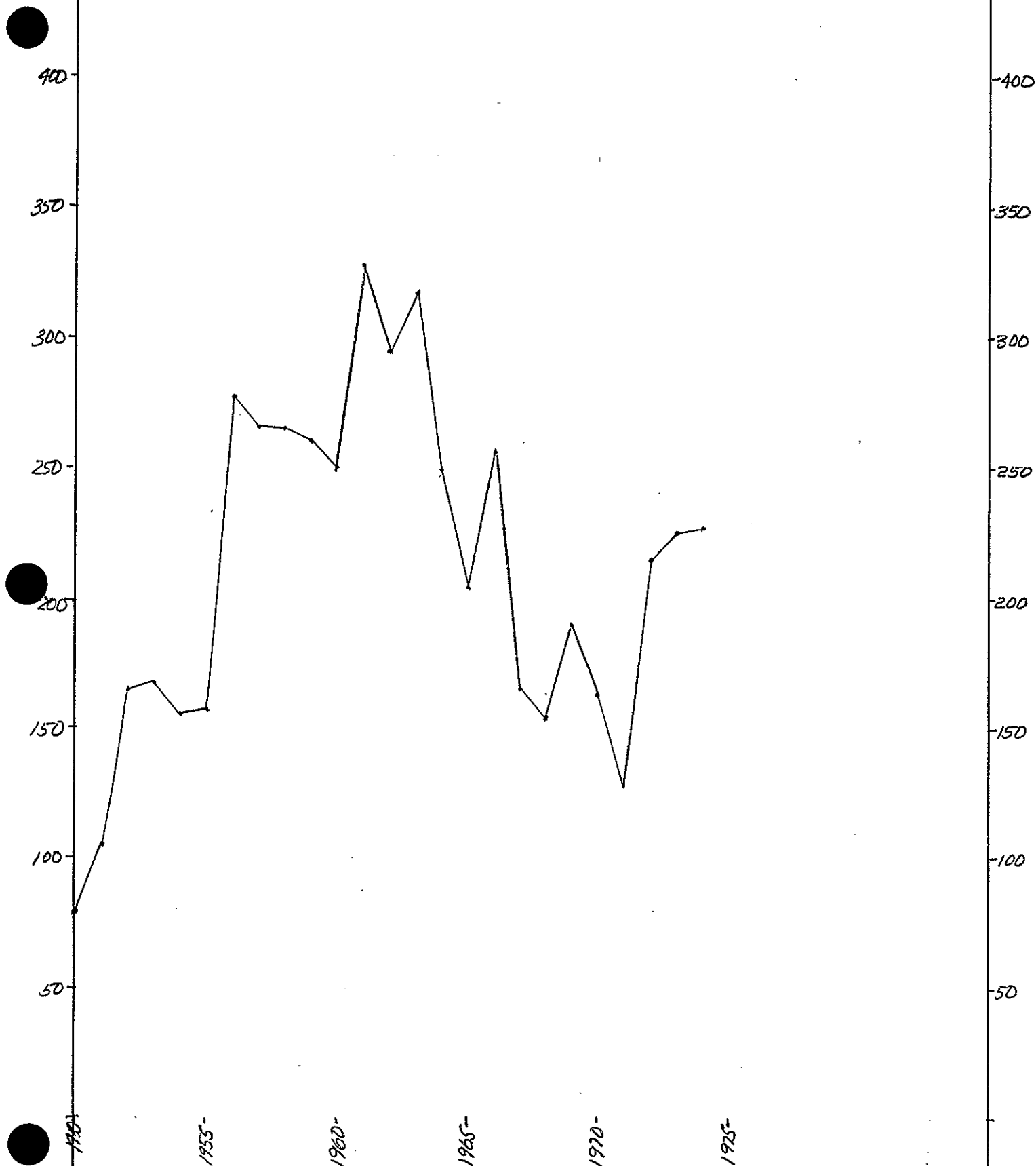
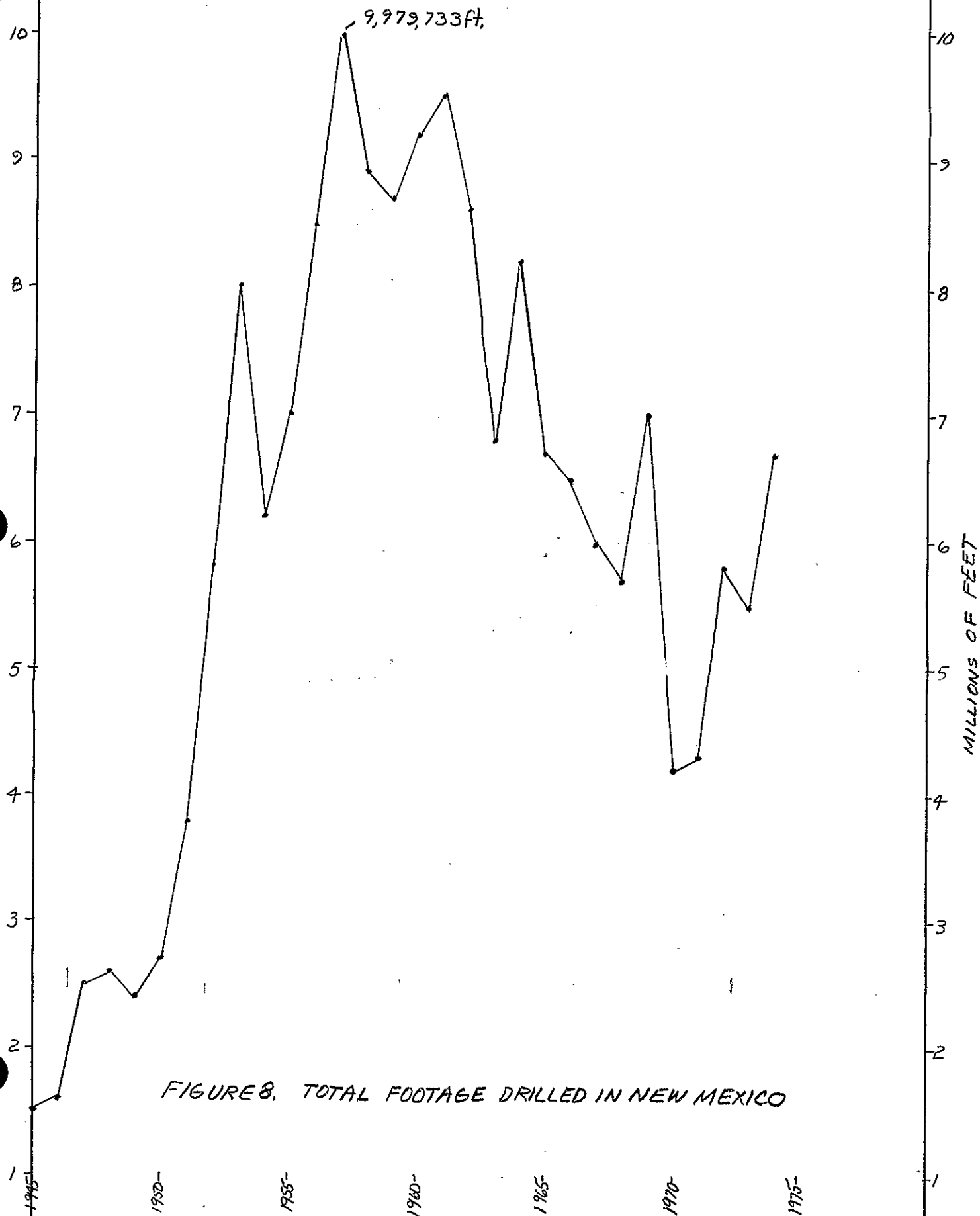


FIGURE 6. EXPLORATORY WELLS DRILLED



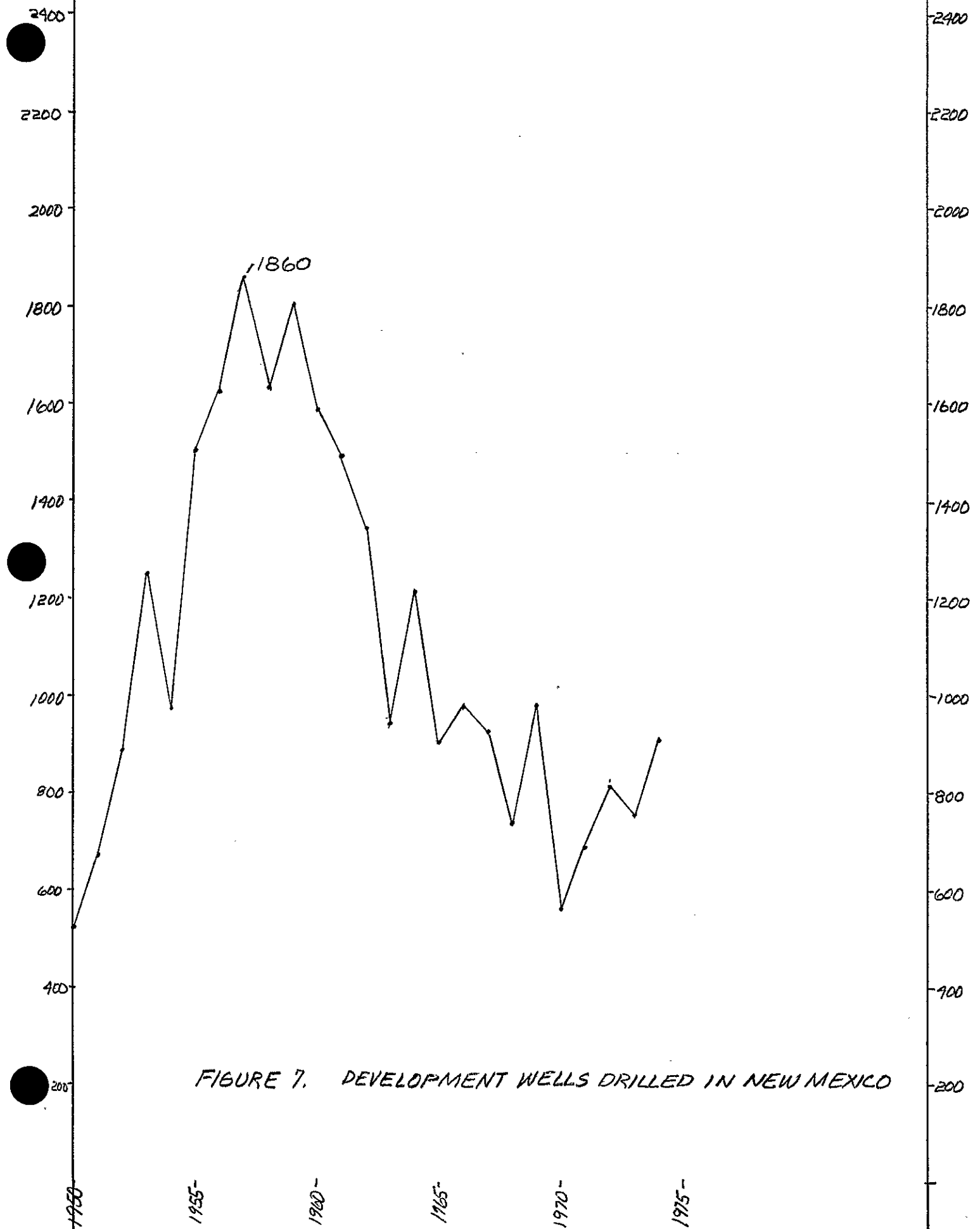


FIGURE 7. DEVELOPMENT WELLS DRILLED IN NEW MEXICO

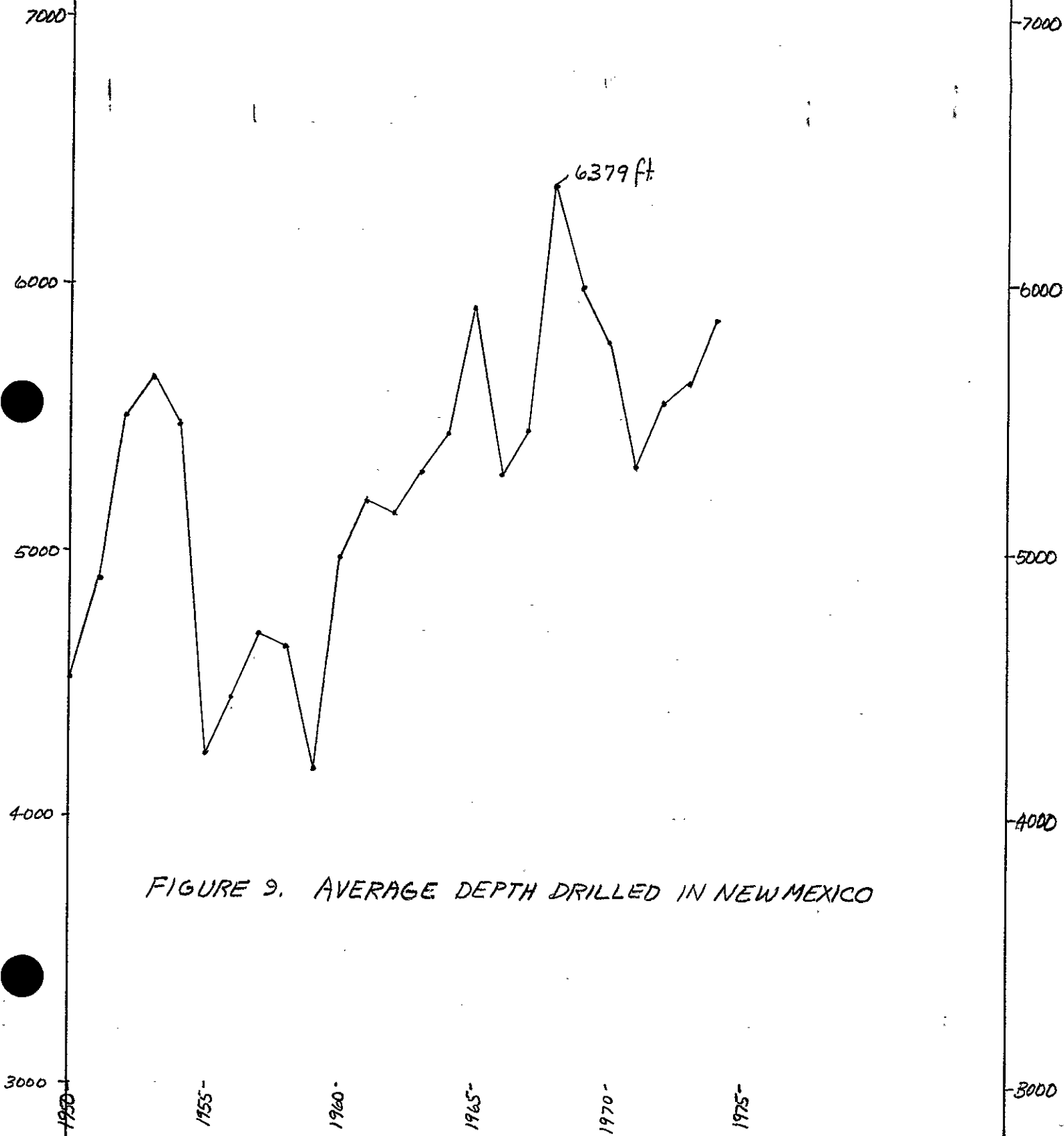


FIGURE 9. AVERAGE DEPTH DRILLED IN NEW MEXICO

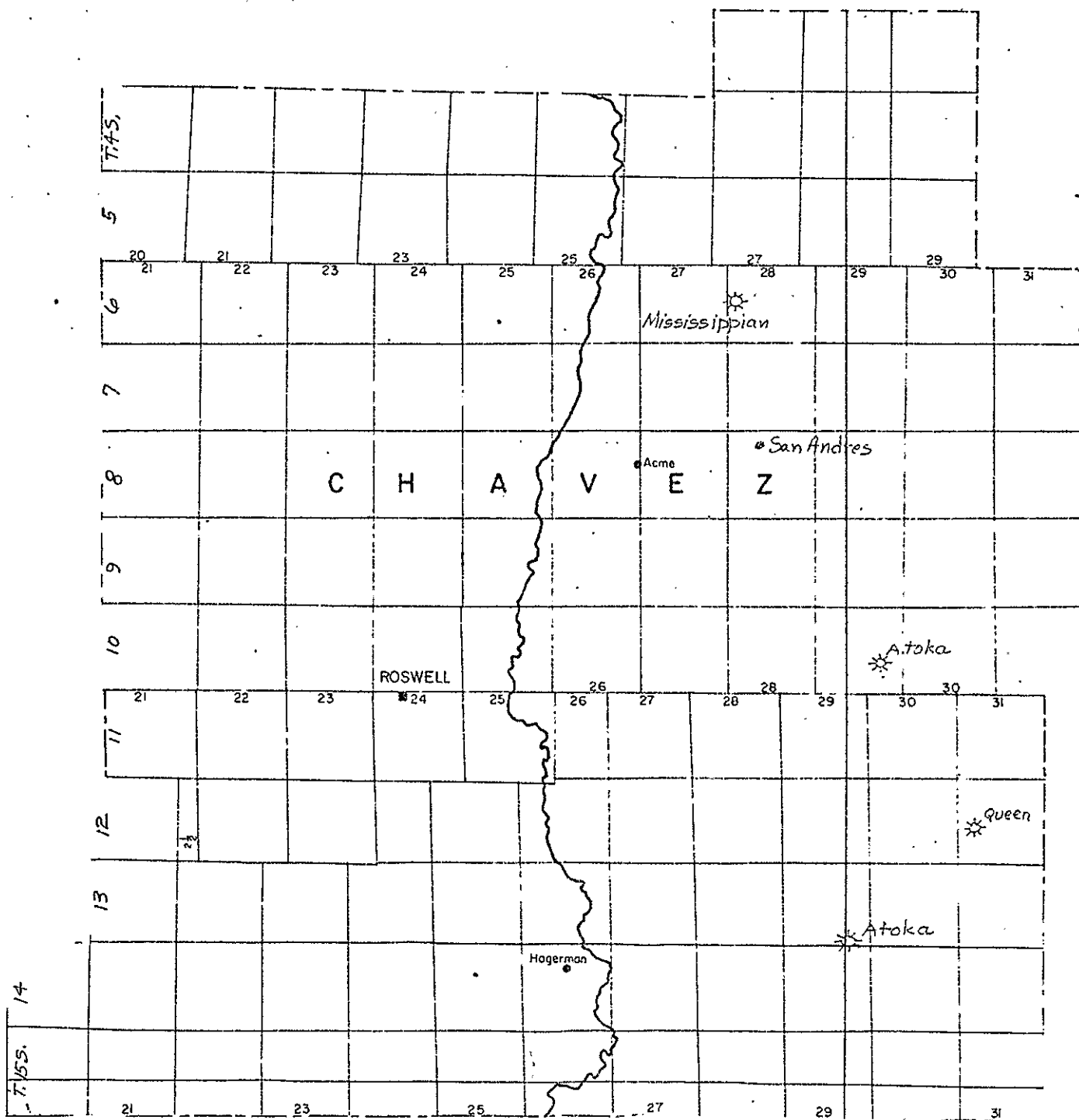


FIGURE 10: WILDCAT DISCOVERIES-CHAVES COUNTY

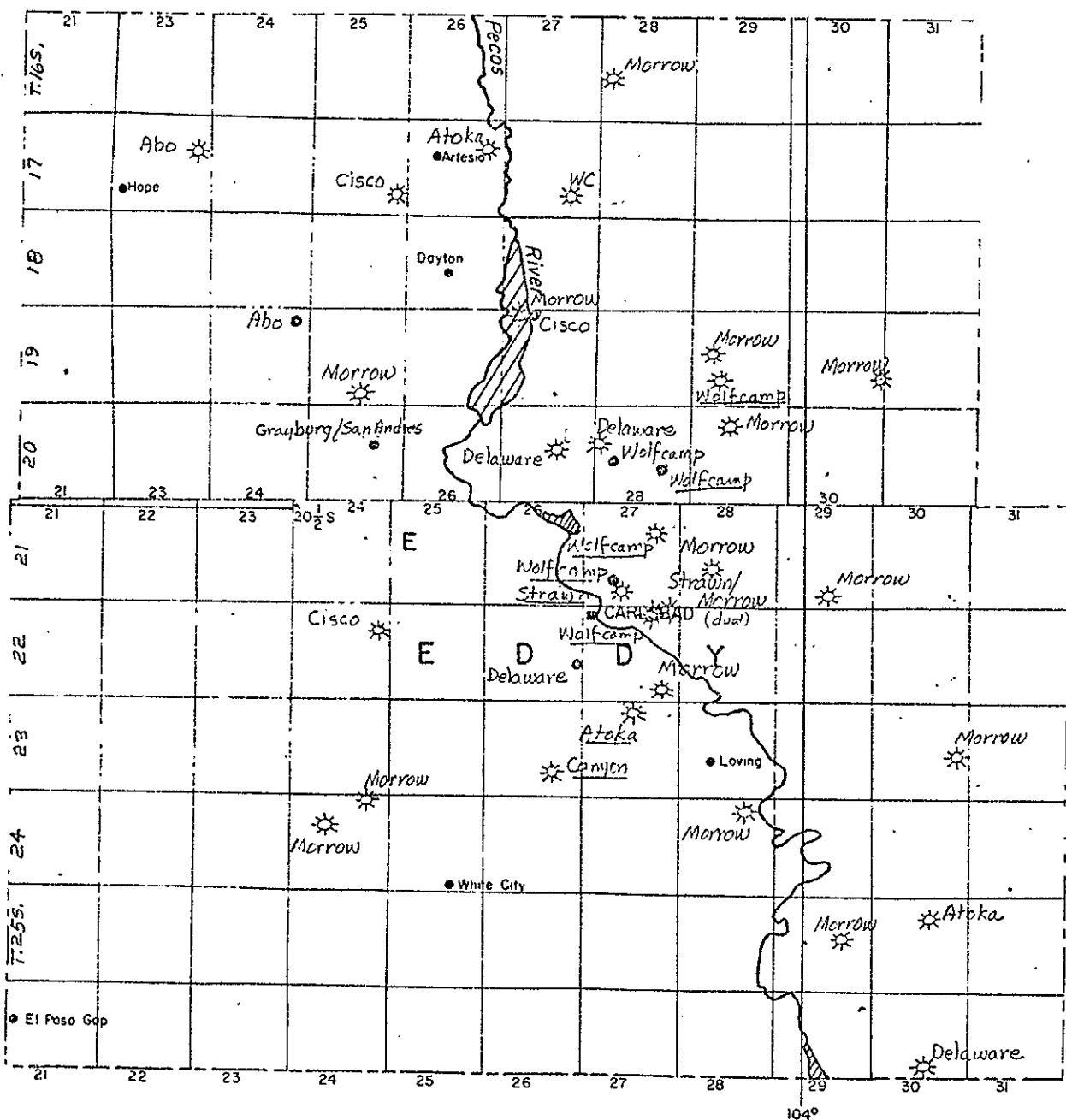


FIGURE 11. 1974 DISCOVERIES - EDDY COUNTY

Wolfcamp: Shallower pay discovery

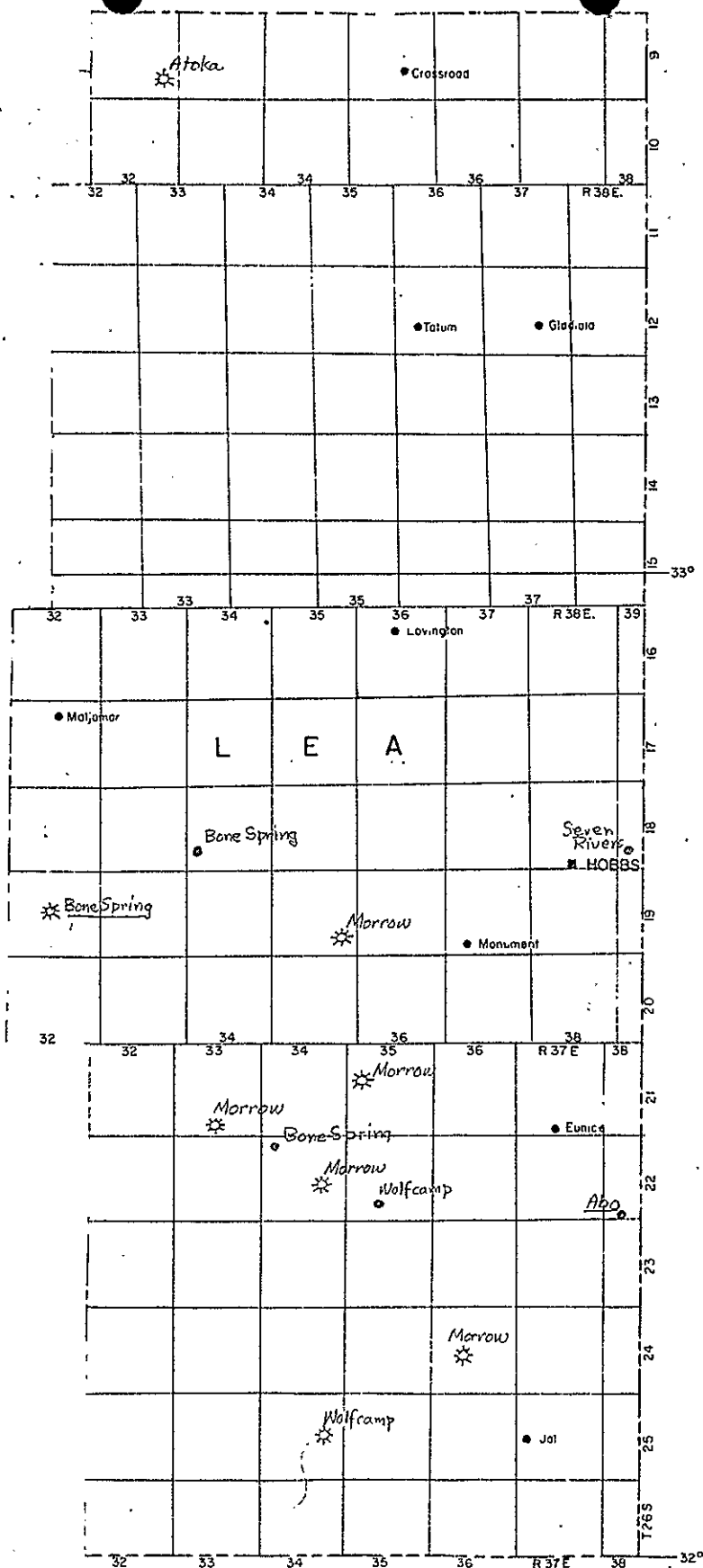


FIGURE 12, 1974 DISCOVERIES-LEA COUNTY

Bone Spring: Shallow pay discoveries

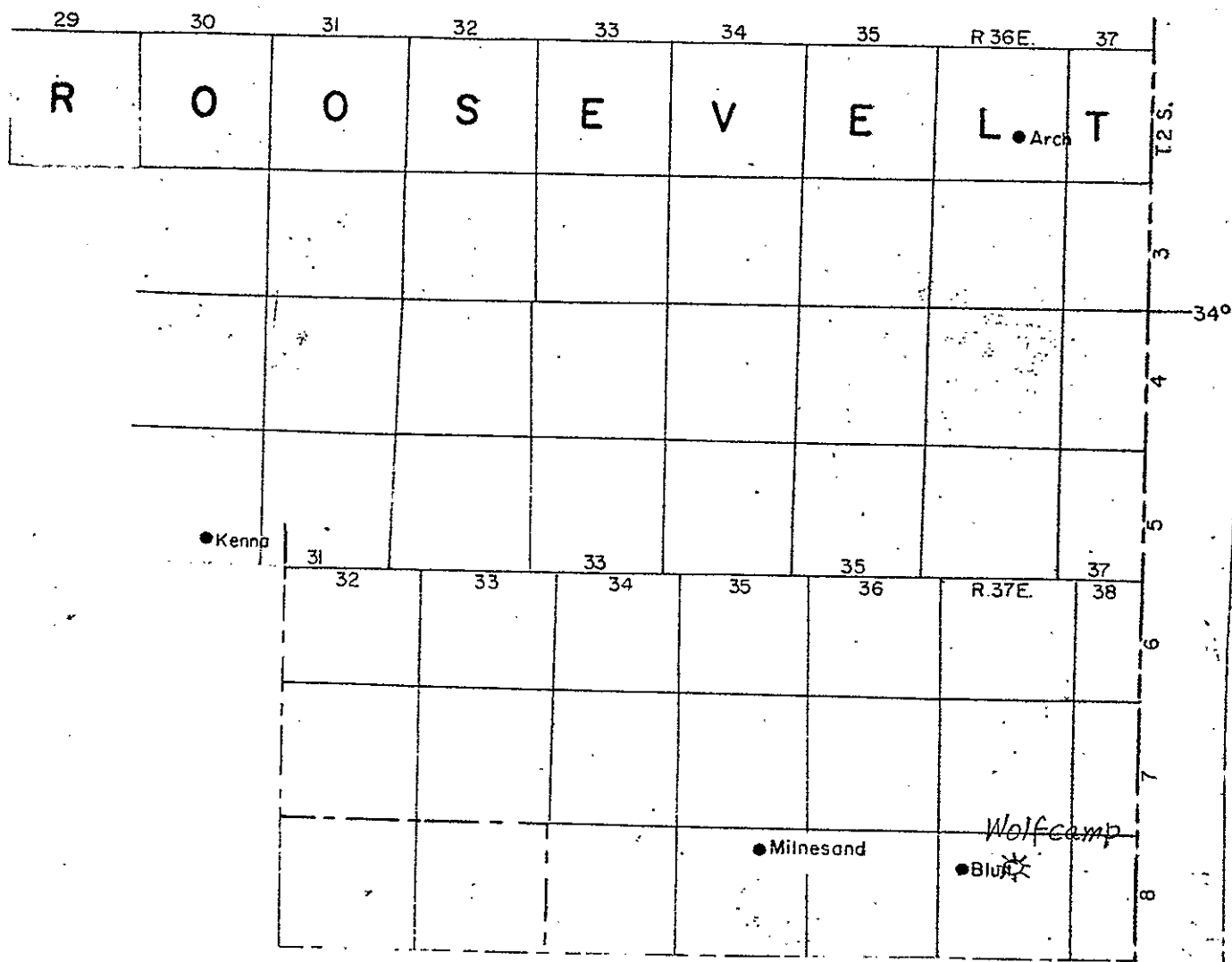


FIGURE 13: WILDCAT DISCOVERIES - ROOSEVELT COUNTY

FIGURE A: WILDCAT DISCOVERIES—
SANDOVAL COUNTY

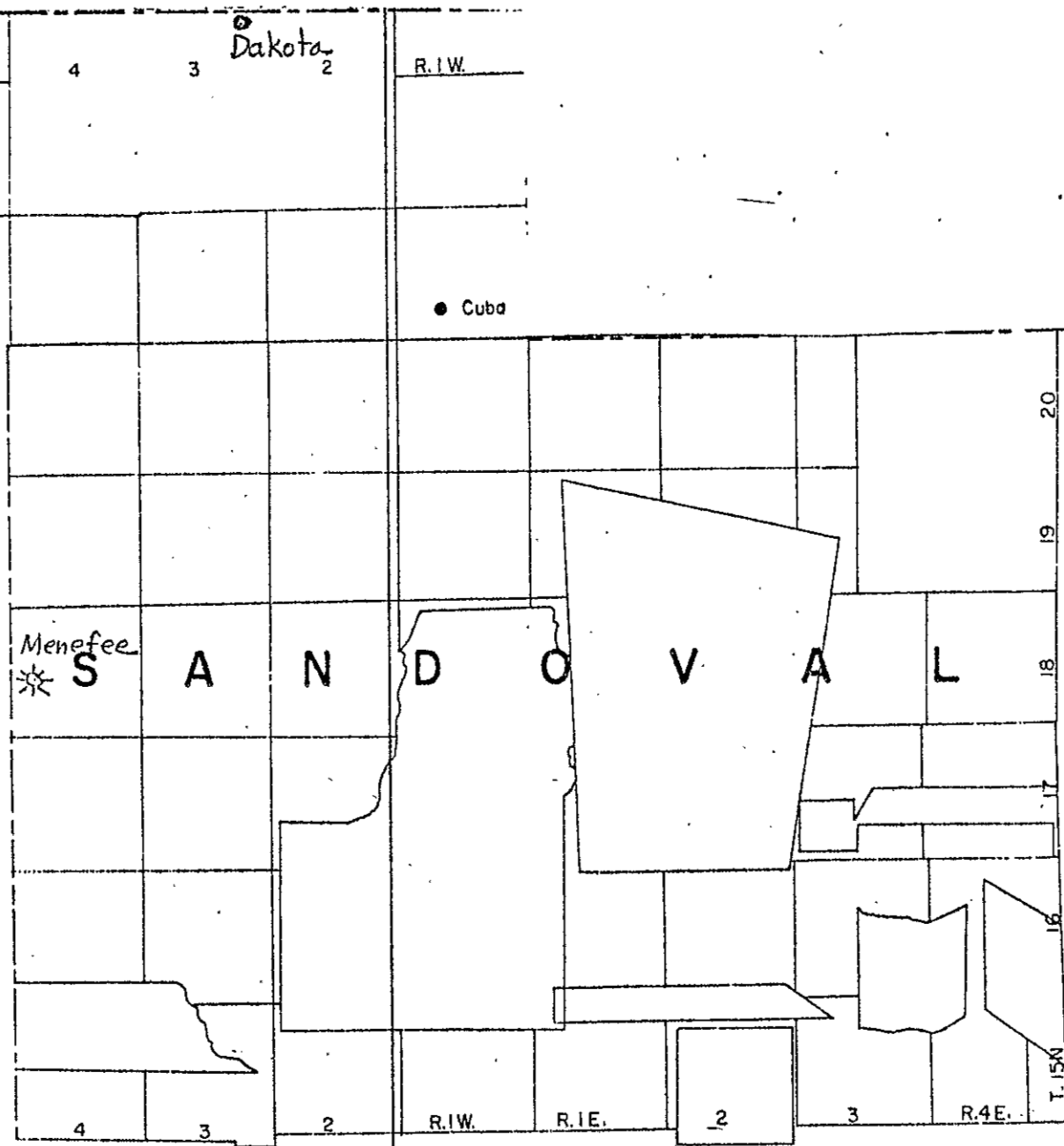


FIGURE 15: WILDCAT DISCOVERIES-SAN JUAN COUNTY

