



CIRCULAR 52

PETROLEUM DEVELOPMENTS  
IN NEW MEXICO DURING 1958

by Robert A. Bieberman, Roy W. Foster, and Joann K. Huenergardt

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1960

STATE BUREAU OF MINES AND MINERAL RESOURCES

NEW MEXICO INSTITUTE OF MINING & TECHNOLOGY

CAMPUS STATION

SOCORRO, NEW MEXICO

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## ABSTRACT

Crude oil and distillate production in New Mexico amounted to 98,514,926 barrels in 1958, an increase of 3,887,121 barrels over 1957. The production of natural gas declined from 728,645,000,000 cubic feet in 1957 to 726,236,763,000 cubic feet in 1958. New Mexico ranks seventh in oil and fourth in natural gas production in the United States.

A total of 1,819 wells were drilled during the year, a decrease of 408 from 1957. Drilling activity in the nonproducing counties increased from 15 wells in 1957 to 22 wells in 1958.

A discussion of developments in New Mexico during 1958 is included, together with maps showing the location of new discoveries. Subsurface completion data are given for the 1,819 wells drilled for oil and gas during 1958.

## INTRODUCTION

This report is a summary of production and drilling statistics for New Mexico during 1958. It combines the subsurface completion data and development reports that were issued separately in previous years. In the eight counties from which there was some oil or gas production (fig.1), the status of each well drilled has been determined on the basis of its proximity to other producing wells or established pool boundaries. Development wells are those wells located within 1 mile of a producing well or field and test rocks of the same geologic period or formation as the producing well or field. Wells spudded more than 1 mile from production, or which tested rocks previously nonproductive for a distance of at least 1 mile, are considered wildcats.

## DRILLING SUMMARY

A total of 1,819 wells were drilled in New Mexico in 1958, a decrease of 408 from 1957. All the producing counties except Roosevelt County showed decreases in the number of wells drilled. The total number of wells drilled was down 250 in southeastern New Mexico and 165 in northwestern New Mexico. The biggest decreases in drilling activity were in Lea, San Juan, and Rio Arriba Counties. Lea County, however, led in the number of wells completed, followed by San Juan, Rio Arriba, Eddy, Chaves, Roosevelt, McKinley, and Sandoval Counties.

Eighty percent of the total wells drilled in the State were successful. San Juan County led in successful completions, with 87 percent of its total wells completed successfully. San Juan County was followed by Lea County, where 82 percent of the wells were successful. Of the 278 wildcat wells drilled, 80 were completed as producers. The average depth of wells drilled in New Mexico in 1958 was 4,647 feet, compared with 4,947 feet in 1957. The total footage drilled amounted to 8,453,268 feet.



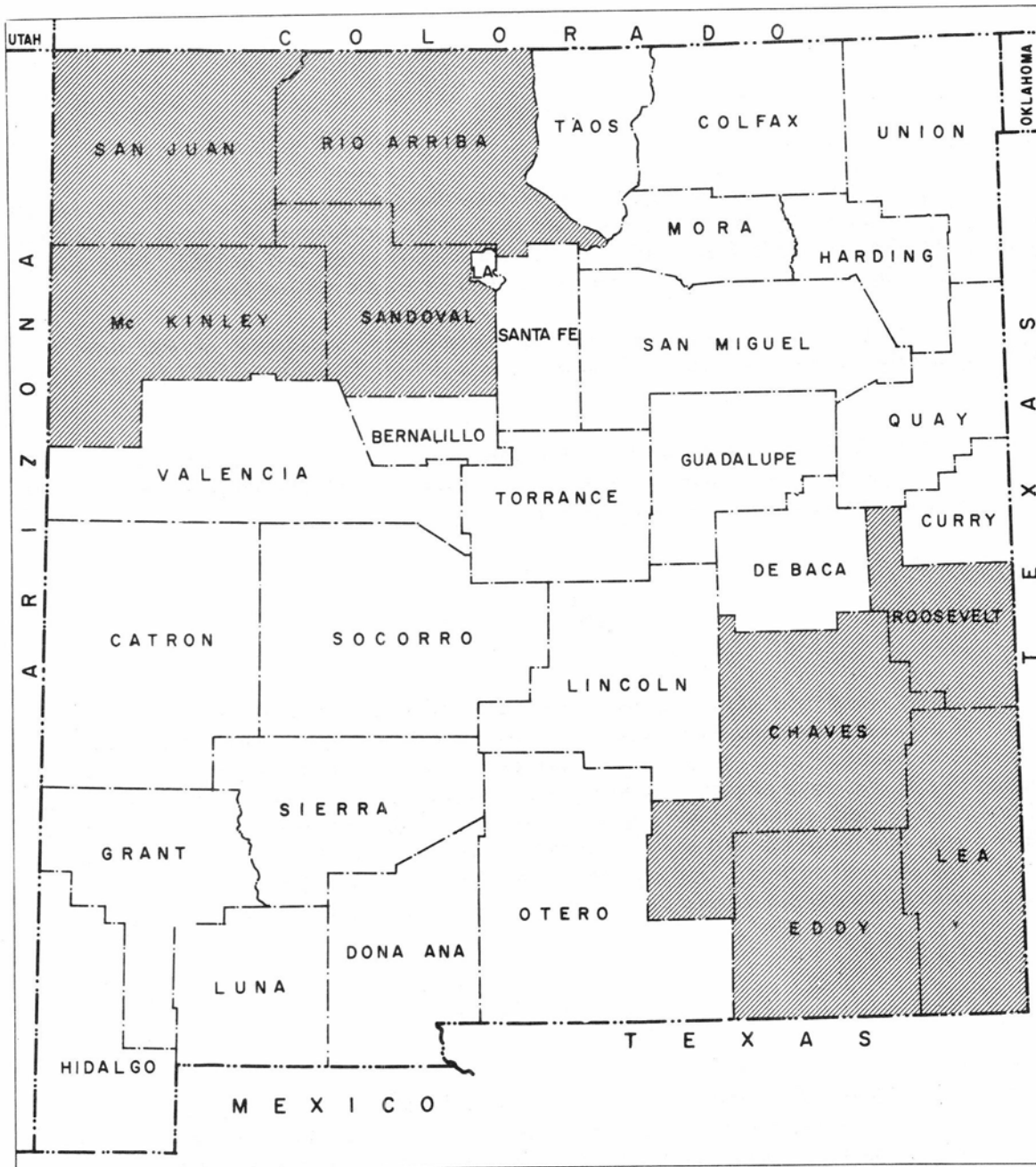


FIGURE I. COUNTY INDEX MAP OF NEW MEXICO,  
SHOWING PRODUCING COUNTIES

## PRODUCTION SUMMARY

Oil and distillate production amounting to 98,514,926 barrels was reported from 8 counties in New Mexico during 1958 (see fig. 2). Lea County was the leader with 79,500,751 barrels, followed by San Juan County with 7,878,549 barrels. Chaves, Lea, McKinley, and Sandoval Counties reported decreases in oil production. Roosevelt, Eddy, Rio Arriba, and San Juan Counties all reported increases in production, San Juan leading the field with an increase of over 5,000,000 barrels.

Natural gas production declined from 728,645,000,000 cubic feet in 1957 to 726,236,-763,000 cubic feet in 1958 (see fig. 2). Gas production declined during 1958 in Chaves and San Juan Counties. Roosevelt, Eddy, Lea, Rio Arriba, and Sandoval Counties reported increases in production. Lea County again led with 415,997,412,000 cubic feet, followed by San Juan County with 182,347,588,000 cubic feet.

## COUNTY SUMMARIES

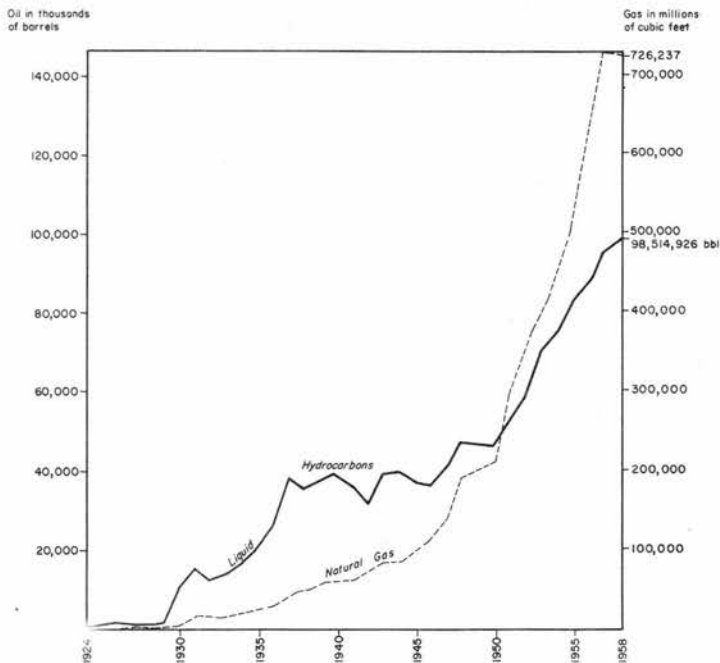
### Chaves County

Sixty-two wells were drilled in Chaves County in 1958 compared with 63 in 1957, 123 in 1956, and 323 in 1955. Although the number of completions declined by 1 test, there was an increase in wildcat drilling from 16 in 1957 to 23 in 1958. Of the total number of wells drilled, 52 percent were successful, resulting in 32 oil wells and 30 dry holes. Development wells numbered 39, of which 26 were field wells and 13 were extension wells. Twenty-one of the field wells and 8 of the extension wells were successfully completed as producing oil wells.

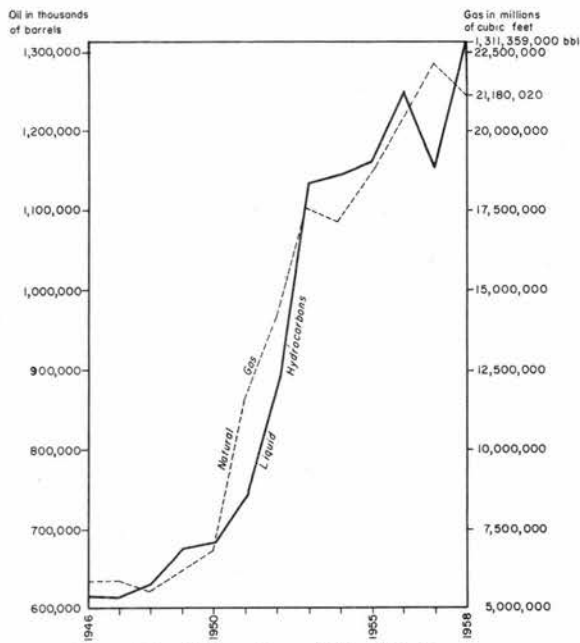
The total footage drilled in the county amounted to 230,811 feet, for an average depth of 3,723 feet per well. This represents an increase over 1957, when the total footage drilled was 166,112 feet and the average depth per well was 2,637 feet. The increase during 1958 was the result of greater wildcat activity, which accounted for 118,034 feet of the total footage, for an average depth of 5,132 feet per well.

Oil production decreased from 4,289,242 barrels in 1957 to 3,160,578 barrels in 1958, and casinghead gas production from 2,405,725,000 cubic feet in 1957 to 2,068,638,000 cubic feet in 1958. At the end of the year, a total of 550 oil wells and 1 gas well were producing in the county. Chaves County ranks fourth in the production of oil and fifth in the production of gas in New Mexico.

Development drilling included some exploration in 4 of the 14 pools within the county. The most actively drilled area was the Caprock-Queen pool, where there were 32 completions, resulting in 26 oil wells and 6 dry holes.



A. Production of Liquid Hydrocarbons and Natural Gas in New Mexico  
Liquid Hydrocarbons, 1924-1958; Natural Gas, 1926-1958



B. Estimated Liquid Hydrocarbons and Natural Gas Reserves  
in New Mexico (1946-1958)

FIGURE 2. PRODUCTION AND RESERVES OF LIQUID HYDROCARBONS  
AND NATURAL GAS IN NEW MEXICO

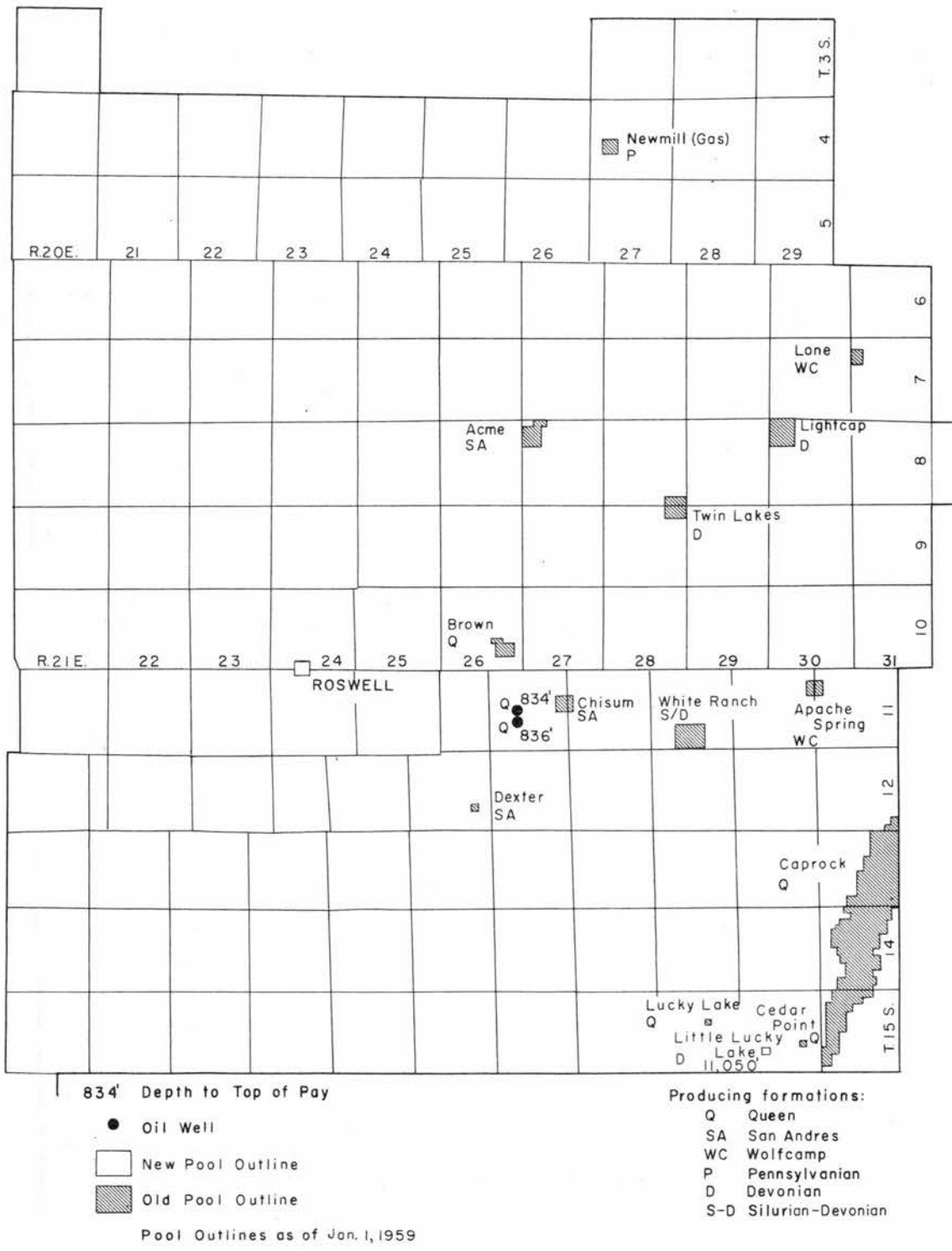


FIGURE 3 CHAVES COUNTY  
OIL AND GAS POOLS AND 1958 DISCOVERIES

Of the 23 wildcat wells drilled, only 3 were successful, 2 being completed as oil wells in the Queen formation and 1 as an oil well in the Devonian. The two Queen wells were undesignated at the end of the year. The Little Lucky Lake-Devonian pool was named for the Devonian discovery. The discovery wells are shown in Figure 3.

### Eddy County

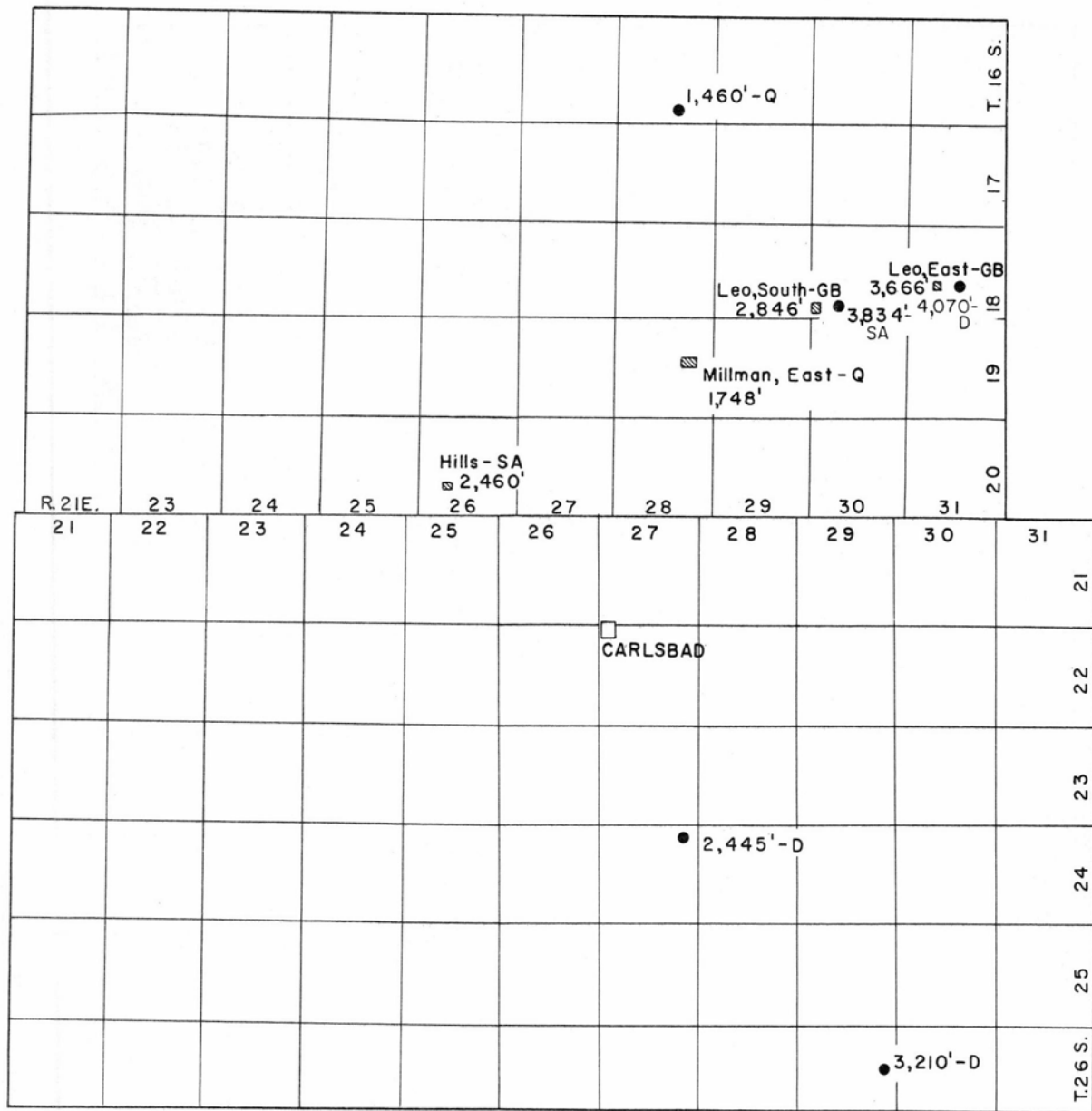
A total of 309 wells were drilled in the county compared with 338 in 1957, 277 in 1956, and 170 in 1955. The total footage drilled amounted to 1,017,079 feet, of which 12,857 feet was drilled in the deepening of 25 wells completed prior to 1958. The average depth per new well was 3,250 feet. Both the total footage drilled and the average depth increased over 1957, when 975,954 feet were drilled for an average depth of 2,887 feet per well. Of the total number of wells drilled, 69 percent were successful, with the completion of 203 oil wells, 10 gas wells, and 96 dry holes. Twenty percent of the 59 wildcats found oil or gas in commercial quantities.

Oil production in Eddy County for 1958 amounted to 6,699,863 barrels, including 215,368 barrels of distillate. Gas production totaled 12,020,538,000 cubic feet with 4,837,011,000 cubic feet of casinghead gas produced and 7,183,527,000 cubic feet of dry gas. Oil production increased by almost 800,000 barrels over 1957, and gas by over 2,000,000,000 cubic feet. At the end of the year, 2,592 oil wells and 37 gas wells were producing in the county. Eddy County ranks third in the production of oil and fourth in the production of gas in New Mexico.

Development and extension wells were drilled in 44 of the 82 oil and gas fields in Eddy County. A total of 156 field wells were drilled, resulting in 130 oil wells, 1 gas well, and 25 dry holes. Extension wells numbered 94, of which 65 were completed as oil wells and 5 as gas wells; 24 were dry holes.

Most of the development drilling was centered in the Grayburg-Jackson pool with 33 completions, the Artesia pool with 31 completions, the Square Lake-Grayburg-San Andres pool with 29 completions, the West Henshaw-Grayburg pool with 21 completions, the Cave-Grayburg pool with 14 completions, and the Empire-Abo pool with 13 completions. Thirteen wells were also drilled in the East Millman-Queen area discovered in 1958.

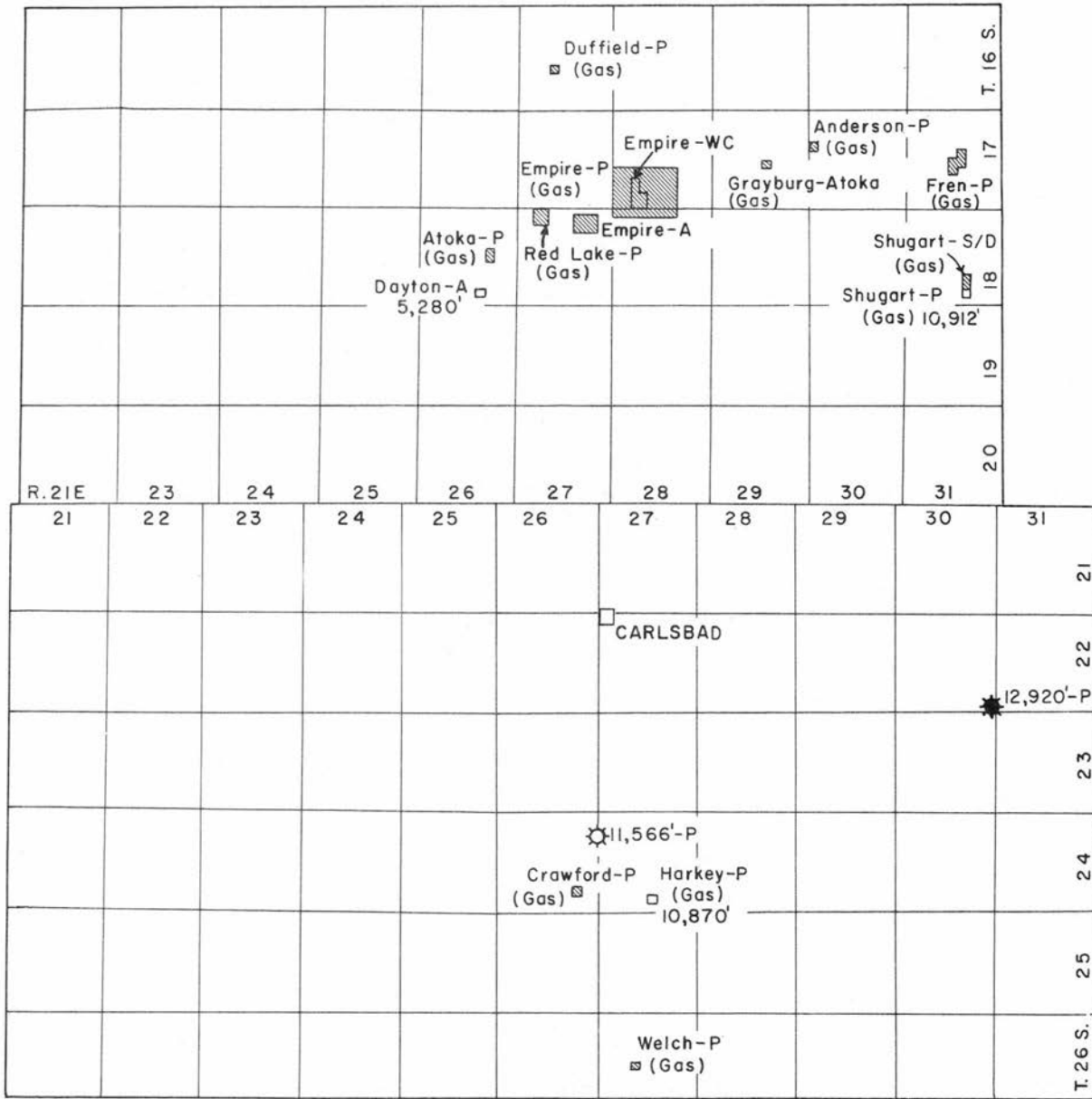
Twelve successful wildcat wells were drilled in 1958, and two additional discoveries resulted from deepening 2 wells that had been drilled previously. Figures 4 and 5 show the locations of the shallow and deep discoveries. At the end of the year, seven of the new discoveries had been designated as pools. The new pools are: Dayton-Abo, Harkey-Pennsylvanian, Hills-San Andres, South Leo-Grayburg, East Leo-Grayburg, East Millman-Queen, and Shugart-Pennsylvanian. The two Pennsylvanian gas pools designated during the year increased the number of pools from which gas is produced from this interval to 11 out of the total number of 14 gas pools in the county. The remaining gas pools produce from the Queen, Grayburg-San Andres, and Siluro/Devonian.



Pool boundaries  
 ● Oil well  
 3,834' Depth to Top of Pay

Producing formations:  
 Q Queen  
 GB Grayburg  
 SA San Andres  
 D Delaware

FIGURE 4 EDDY COUNTY  
 1958 SHALLOW DISCOVERIES







- |   |                             |
|---|-----------------------------|
|  Former Production                         | Producing formations:       |
|  New Discoveries; pools                    | A Abo                       |
|  New Discoveries; gas wells                | WC Wolfcamp                 |
|  New Discoveries; gas and distillate wells | P Pennsylvanian             |
|   | S-D Silurian-Devonian       |
|   | 10,870' Depth to top of pay |

FIGURE 5 EDDY COUNTY  
 ABO, WOLFCAMP, PENNSYLVANIAN, AND SILURO/DEVONIAN  
 POOLS AND 1958 DISCOVERIES

Deep exploration continued to prove highly successful in Eddy County. Five discoveries were made from a total of only 9 wells drilled into lower Permian or older beds. In addition, one of the deep-test failures was plugged back and successfully completed as a wildcat discovery in the Delaware formation.

In addition to the 7 new pool discoveries in 1958, 4 pools were designated during the year which had been discovered late in 1957. These are the Welch-Delaware, Empire-Abo, Grayburg-Atoka, and Crawford-Pennsylvanian.

### Lea County

The number of well completions declined considerably during 1958, with only 564 wells drilled compared with 787 in 1957 and 721 in 1956. The total footage drilled in the county and the average depth per well also declined from the highs set in 1957, when 5,392,487 feet was drilled for an average depth of 6,894 feet, compared with 3,421,069 feet and 6,066 feet respectively in 1958.

Development wells numbered 511, of which 397 were completed as oil wells, 17 as gas wells, 26 as dual oil-oil wells, 6 as dual oil-gas wells, 3 as dual gas-gas wells, and 62 as dry holes. Eighty-eight percent of the development wells drilled were successful. Most of the drilling was centered in the further development of such large pools as the Eumont, South Eunice, Jalmat, Langlie Mattix, Maljamar, and Saunders, although there was considerable exploration of the Pearl-Queen pool discovered in 1956 but consisting of only 8 wells at the end of 1957. During 1958, 37 tests were drilled to the Queen in this area, 34 of which were completed as oil wells. Another area extensively explored during 1958 was the multipay Justis field. Gas was discovered in this area in 194-4 in the Paddock zone, and during 1957 oil was discovered in the Drinkard, Ellenburger, and McKee intervals. At the end of 1957, there were 7 wells producing oil and 9 producing gas from the various Justis pay intervals. New discoveries during 1958, coupled with extensive development work in this area, resulted in the completion of 31 oil wells, of which 22 were dual completions. There were 9 combinations of dual completions in this field during 1958: Blinebry-McKee, Blinebry-Allenburger, Drinkard-Fusselman, Drinkard-Montoya, Drinkard-McKee, Fusselman-Montoya, Montoya-McKee, Montoya-Allenburger, and McKee-Allenburger.

Wildcat drilling declined from 75 tests in 1957 to 53 in 1958. Twenty-nine percent of the tests were successful in 1957, compared with 23 percent in 1958.

Production of crude oil and distillate declined slightly from the record high of 81,405,720 barrels set in 1957 to 79,500,751 barrels in 1958. Gas production increased from the previous record high of 409,863,954,000 cubic feet produced in 1957 to a new high of 415,997,412,000 cubic feet in 1958. At the end of the year, 7,923 oil wells and 1,113 gas wells were producing in the county. Lea County ranks first in the production of both oil and gas in New Mexico.

There were 10 wildcat oil wells and 2 wildcat gas wells completed during the year. Five of the discoveries had not been designated at the end of the year. These tests found oil in the Delaware, Seven Rivers, Wolfcamp, and Pennsylvanian, and gas in the Pennsylvanian. The discovery wells are shown in Figures 6 and 7.



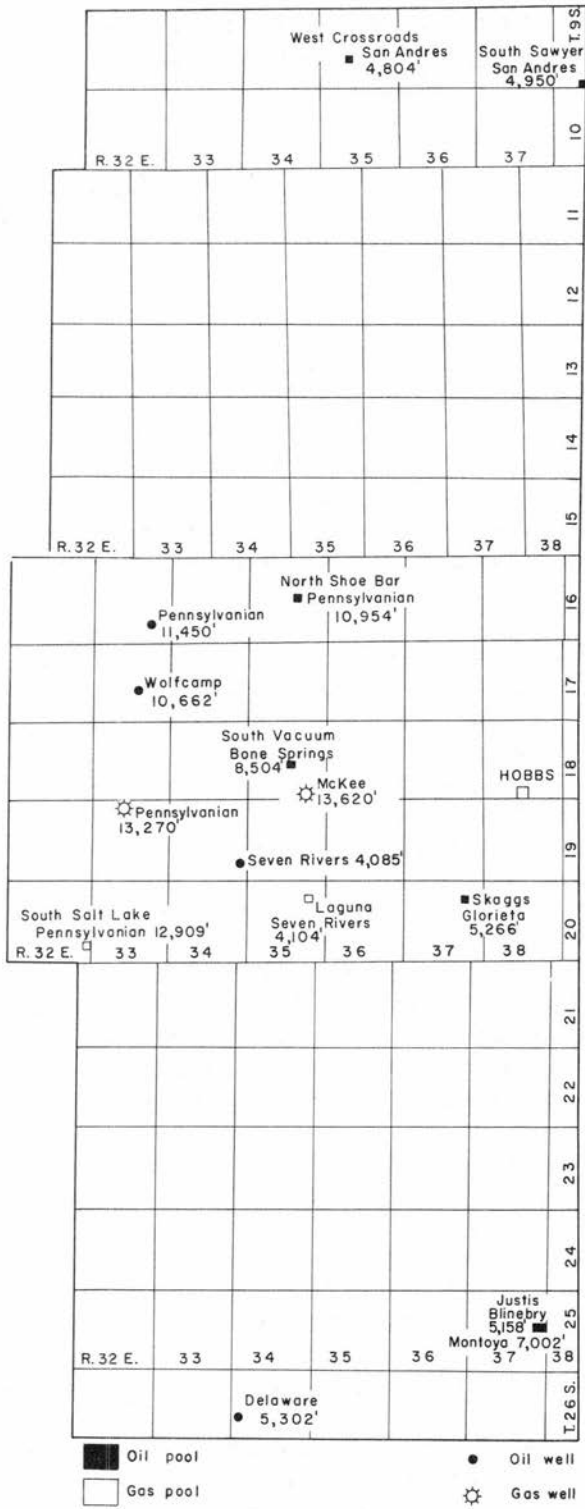


FIGURE 6 LEA COUNTY, 1958 DISCOVERIES

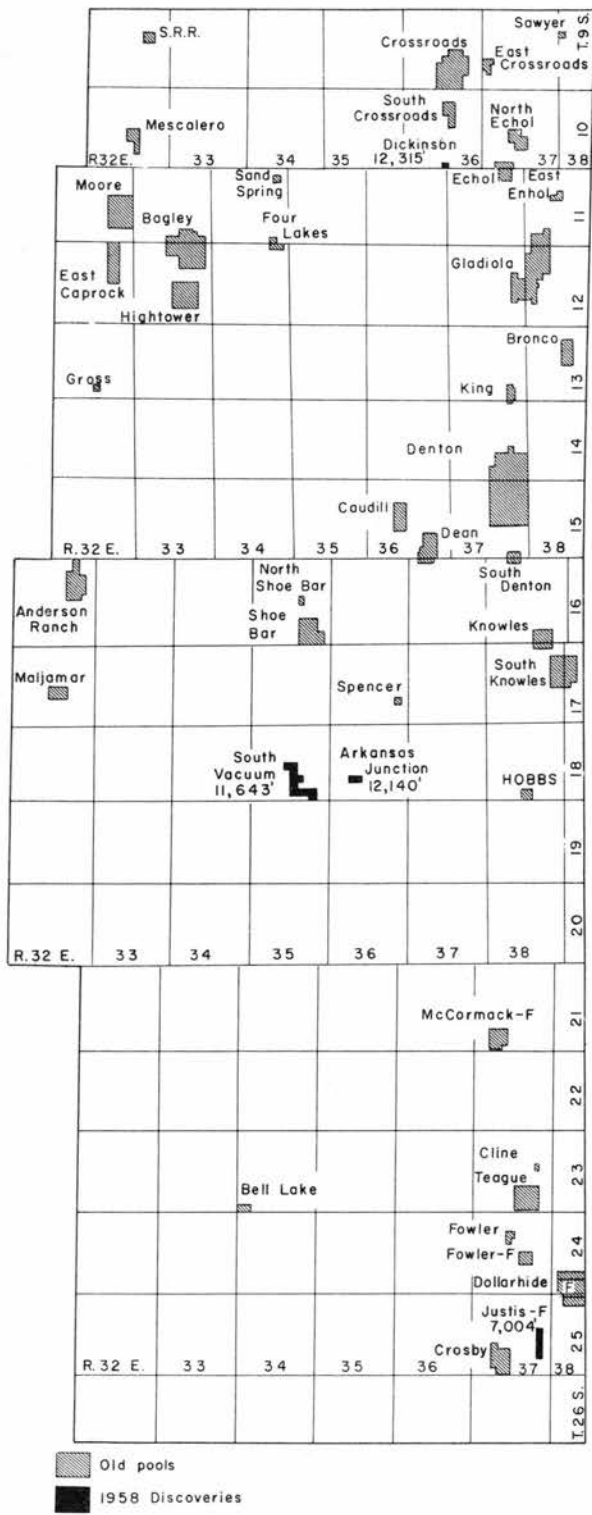


FIGURE 7 LEA COUNTY  
DEVONIAN AND SILURIAN POOLS AND 1958 DISCOVERIES

Pools discovered and designated during the year include the Arkansas Junction-Devonian oil pool, West Crossroads-San Andres oil pool, Dickman-Devonian oil pool, South Salt Lake-Pennsylvanian gas and distillate pool, South Sawyer-San Andres oil pool, South Vacuum-Bone Springs oil pool, and South Vacuum-Devonian oil pool. Three additional pools were discovered during 1958 as a result of working over old wells. These are the Laguna-Seven Rivers gas pool, the North Shoe Bar-Pennsylvanian oil pool, and the Skaggs-Glorieta oil pool.

Other discoveries during 1958 were the result of dual completions in previously designated areas. An extension well to the South Vacuum-Devonian pool was drilled to the Precambrian; in addition to Devonian oil production, the well was completed for gas and distillate in the McKee zone.

Three additional discoveries were made in the Justis area in dually completed wells. At the beginning of 1958, oil was being produced from this field from the Glorieta, Drinkard, McKee, and Ellenburger. During 1958, additional discoveries were made in the Blinebry, Fusselman, and Montoya.

Several 1957 discoveries were designated as pools in 1958. These include the following pools: East E.K.-Queen, Kemnitz-Cisco, Sanmal-Pennsylvanian, Tatum-Wolfcamp, Austin-Mississippian, Justis-Drinkard, Sand Springs-Devonian, and South Paddock-Glorieta.

### McKinley County

Thirteen test wells were drilled in McKinley County during 1958 compared with 28 in 1957. Of the total tests drilled, 2 were development wells and 11 were wildcats. One of the development wells was completed as an oil well in the old Seven Lakes area; the other was a dry hole in the Red Mountain-Mesaverde pool.

Only 1 of the 11 wildcats was successful (see fig. 8). This well was completed as an oil well in the Me'saverde. No new pools were designated during the year. None of the test wells were drilled through the Morrison.

The average depth of wells drilled in McKinley County during 1958 was 2,513 feet, and the total footage drilled was 32,672 feet. The average depth in 1957 was 2,517 feet, and the total footage drilled was 70,462.

Oil production during 1958 amounted to 111,354 barrels compared with 129,248 barrels for 1957. No gas production was reported for either year. At the end of 1958, 50 oil wells were producing in McKinley County. McKinley County ranks seventh in the production of oil in New Mexico.

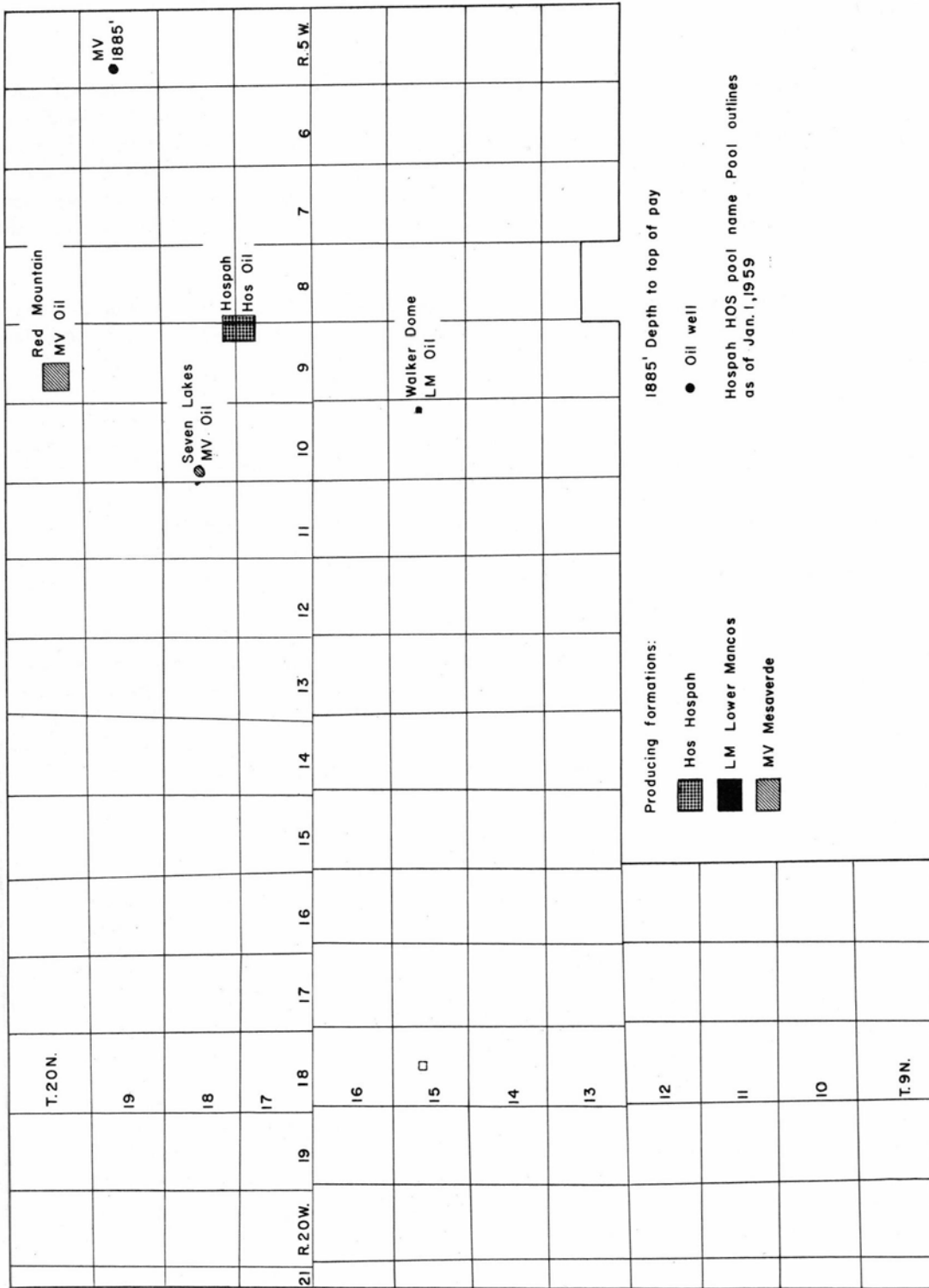


FIGURE 8 MCKINLEY COUNTY  
OIL AND GAS POOLS AND 1958 DISCOVERIES

### Rio Arriba County

Three hundred twenty-eight wells were drilled in Rio Arriba County in 1958 compared with 395 in 1957. Of the total number of wells drilled, 78 percent were successful, resulting in 30 oil wells and 279 gas wells. Twenty-nine wildcat wells were drilled. Development wells numbered 299, of which 22 were completed as oil wells and 267 as gas wells. Fifty-nine of the gas wells were dual completions. Most of the drilling activity in the county was centered in the development of preexisting pools, such as the South Blanco-Pictured Cliffs pool, with 135 tests drilled, and the Blanco-Mesaverde pool, with 117 tests.

The total footage drilled in the county amounted to 1,522,628 feet, for an average depth of 4,642 feet per well. Corresponding figures for 1957 were a total footage of 1,760,667 feet and an average depth of 4,457 feet.

Crude oil and distillate production increased from 472,615 barrels in 1957 to 780,708 barrels in 1958. Natural gas production also increased from 91,887,006,000 cubic feet in 1957 to 113,400,406,000 cubic feet. Seventy-five percent of the gas was produced from the Blanco-Mesaverde and the South Blanco-Pictured Cliffs pools. Fifty-four percent of the total oil production came from the South Blanco-Tocito pool, and about 24 percent from the Otero-Gallup pool. At the end of 1958, 59 oil wells and 1,105 gas wells were producing in the county. Rio Arriba County ranks fifth in the production of oil and third in the production of gas in New Mexico.

Wildcat drilling resulted in 8 oil wells, 12 gas wells, 2 temporarily abandoned wells, and 7 dry holes. In addition, 11 of the 53 dual completions found new gas production and were, in a sense, wildcat discoveries. Five of the oil discoveries found production in the Gallup, 2 in the Dakota, and 1 in the Pictured Cliffs. Sixteen of the gas discoveries (duals included) were made in the Pictured Cliffs, 2 in the Chacra, 2 in the Mesaverde, and 3 in the Dakota. These wells are shown in Figures 9, 10, and 11. All these discoveries are actually extensions of established trends. Although a number of wells were drilled into the Morrison, none tested formations below the Morrison.

Two new pools were designated during the year, the Otero-Gallup oil pool and the Escrito-Gallup oil pool. Both were discovered in 195Z

### Roosevelt County

Sixteen wells were drilled in Roosevelt County in 1958 compared with 13 in 1957. Seven of the wells were drilled to the Pennsylvanian in the Milnesand area, 5 being completed as oil wells and the other 2 abandoned. A successful extension well was drilled to the North Allison-Pennsylvanian pool discovered in 1957. The remaining development well was completed in the San Andres formation as a successful extension to the Milnesand-San Andres pool discovered during 1958. Seven wildcat wells were drilled and 2 completed for oil production.

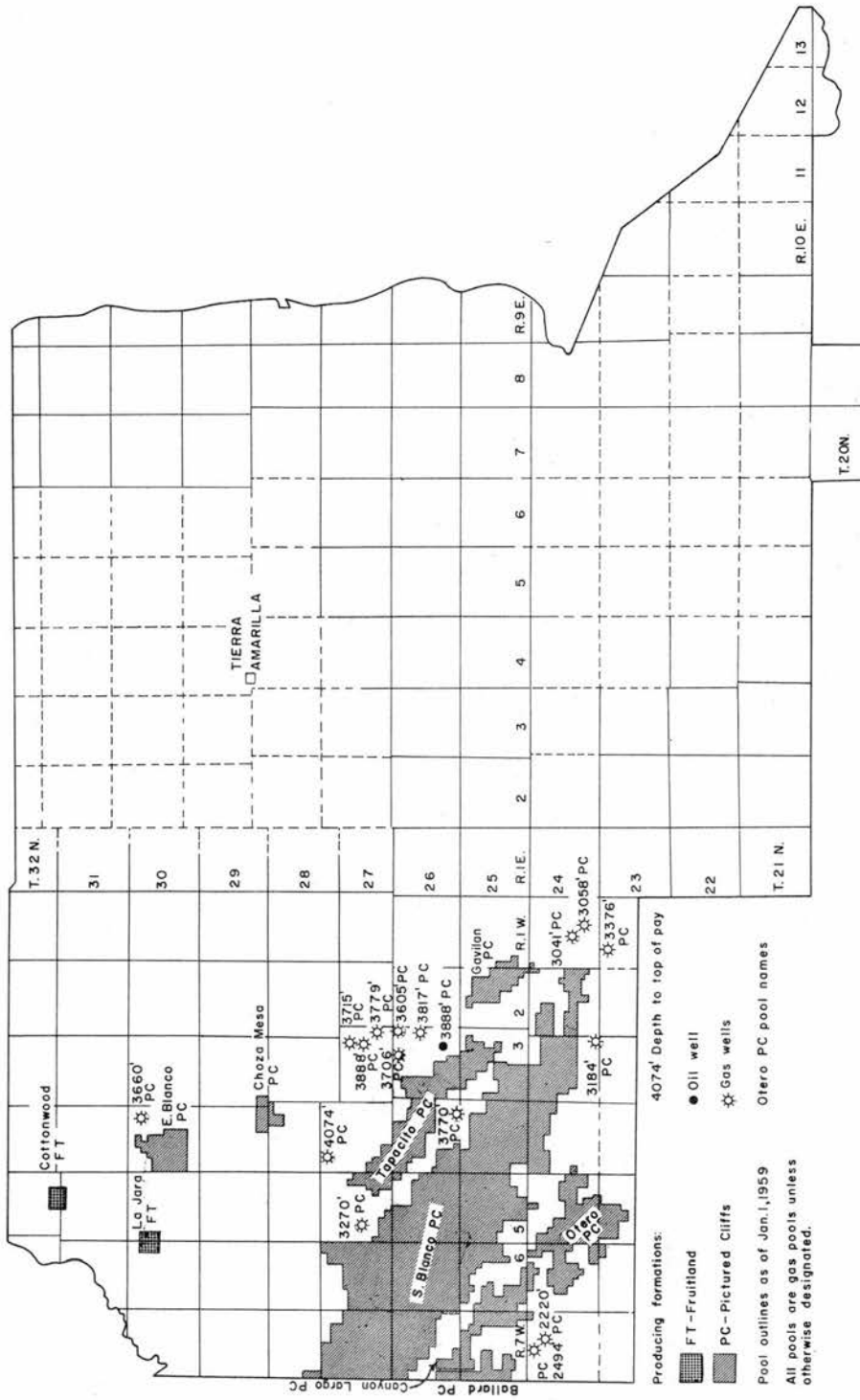


FIGURE 9 RIO ARRIBA COUNTY  
FRUITLAND AND PICTURED CLIFFS  
POOLS AND 1958 DISCOVERIES

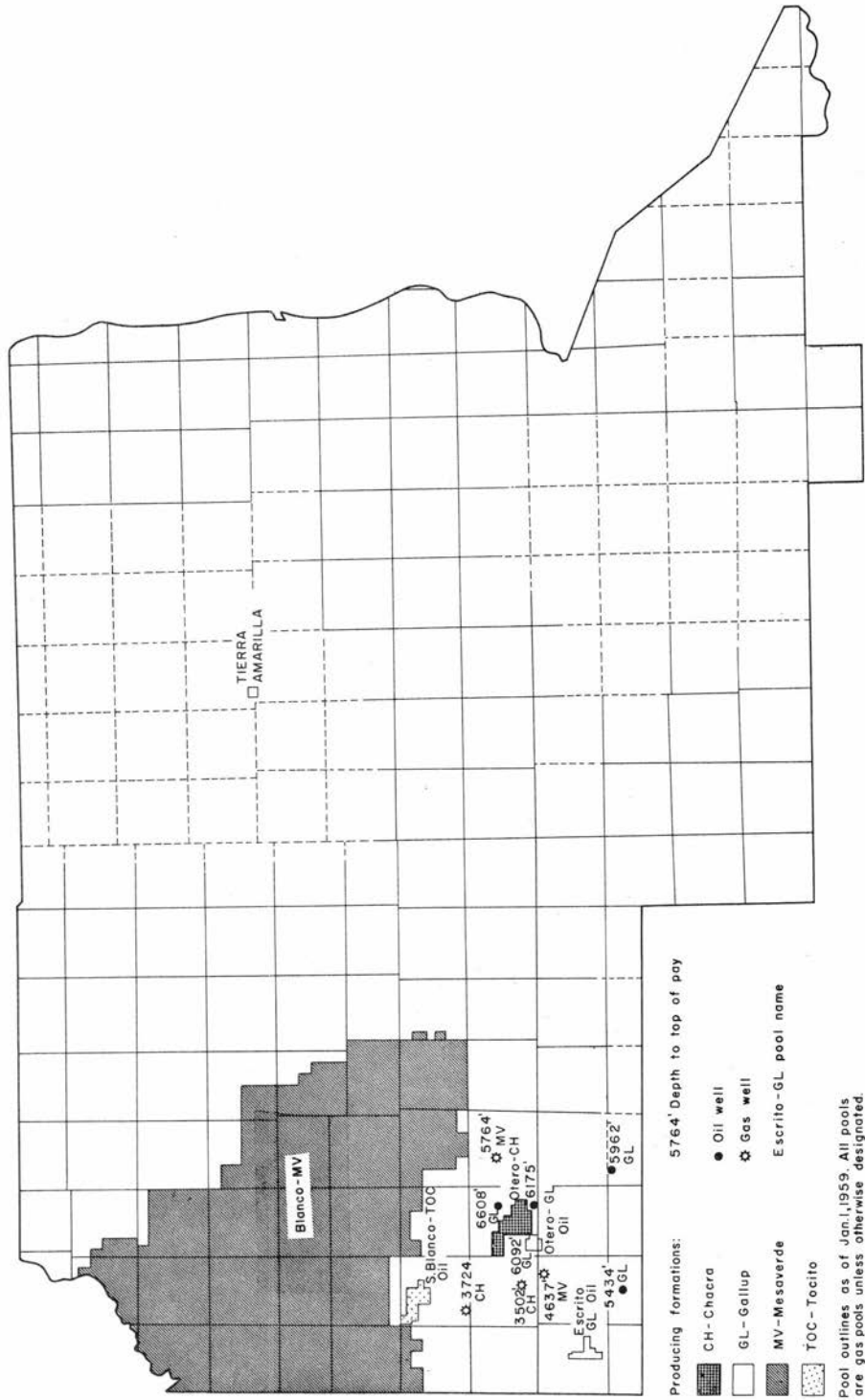


FIGURE 10 RIO ARRIBA COUNTY  
 CHACRA, GALLUP, MESAVERDE, AND TOCITO  
 POOLS AND 1958 DISCOVERIES

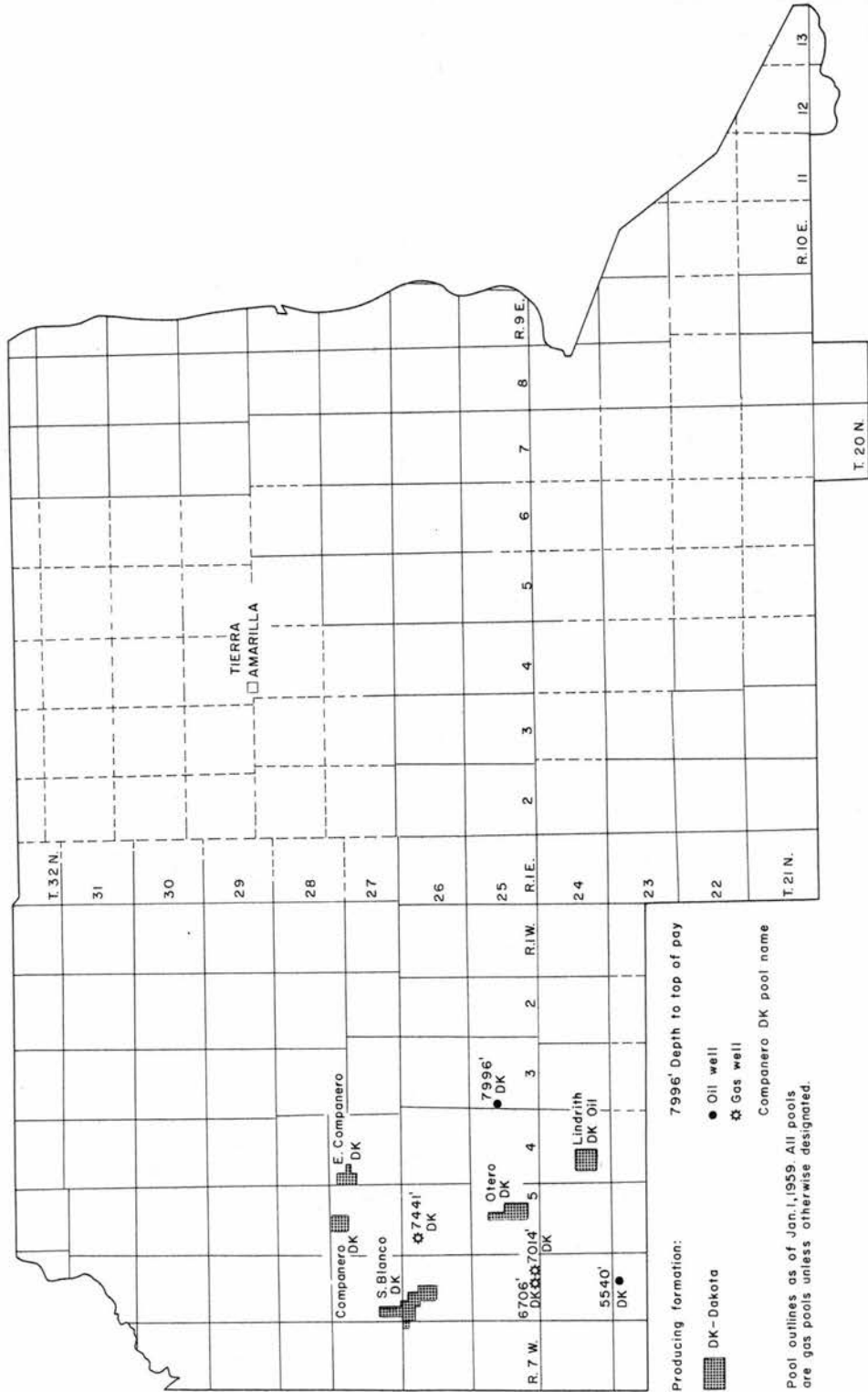


FIGURE II RIO ARRIBA COUNTY  
DAKOTA POOLS AND 1958 DISCOVERIES



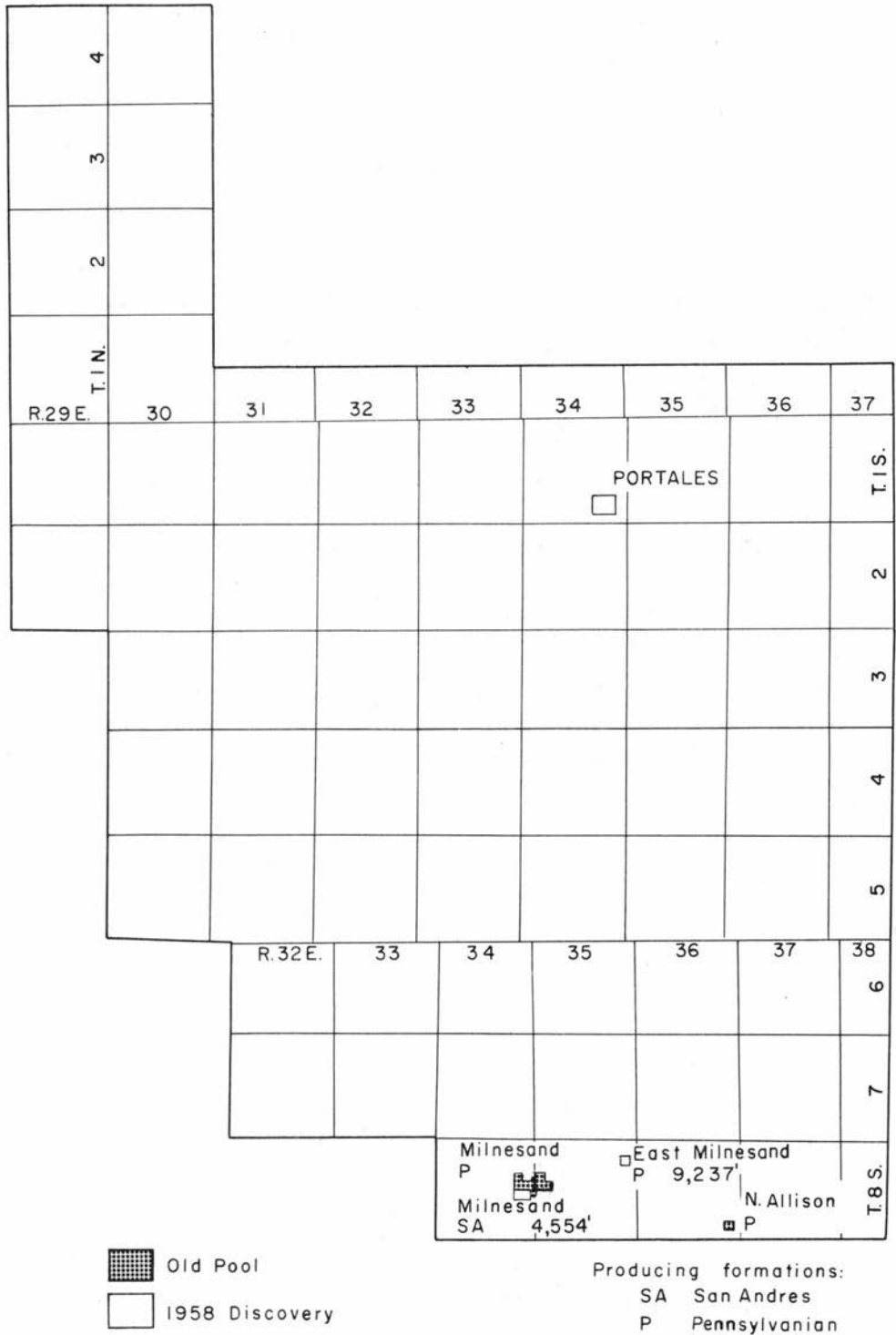


FIGURE 12. ROOSEVELT COUNTY  
POOLS AND 1958 DISCOVERIES

The total footage drilled in the county amounted to 136,762 feet, for an average depth per well of 8,548 feet. The total footage drilled during 1957 was 110,809 feet, and the average depth was 8,524 feet.

Oil production increased from the previous high of 176,036 barrels in 1957 to 367,859 barrels in 1958. Gas produced with oil also increased from the 1957 high of 241,690,000 cubic feet to 363,538,000 cubic feet in 1958. At the end of 1958, there were 17 producing oil wells distributed among the 4 designated oil pools in the county. Most of the production comes from the Milnesand-Pennsylvanian pool. Roosevelt County ranks sixth in the production of oil and sixth in the production of gas in New Mexico.

The two successful wildcats drilled during the year were designated as the Mi Inesand-San Andres and East Milnesand-Pennsylvanian pools (see fig. 12). Three of the five unsuccessful wildcats drilled explored Pennsylvanian or older rocks, 1 test being drilled to the Precambrian. These tests were located in T. 8 S. in the vicinity of Pennsylvanian production. The two remaining wildcats tested the San Andres formation in the southern part of the county. No shows were reported.

#### Sandoval County

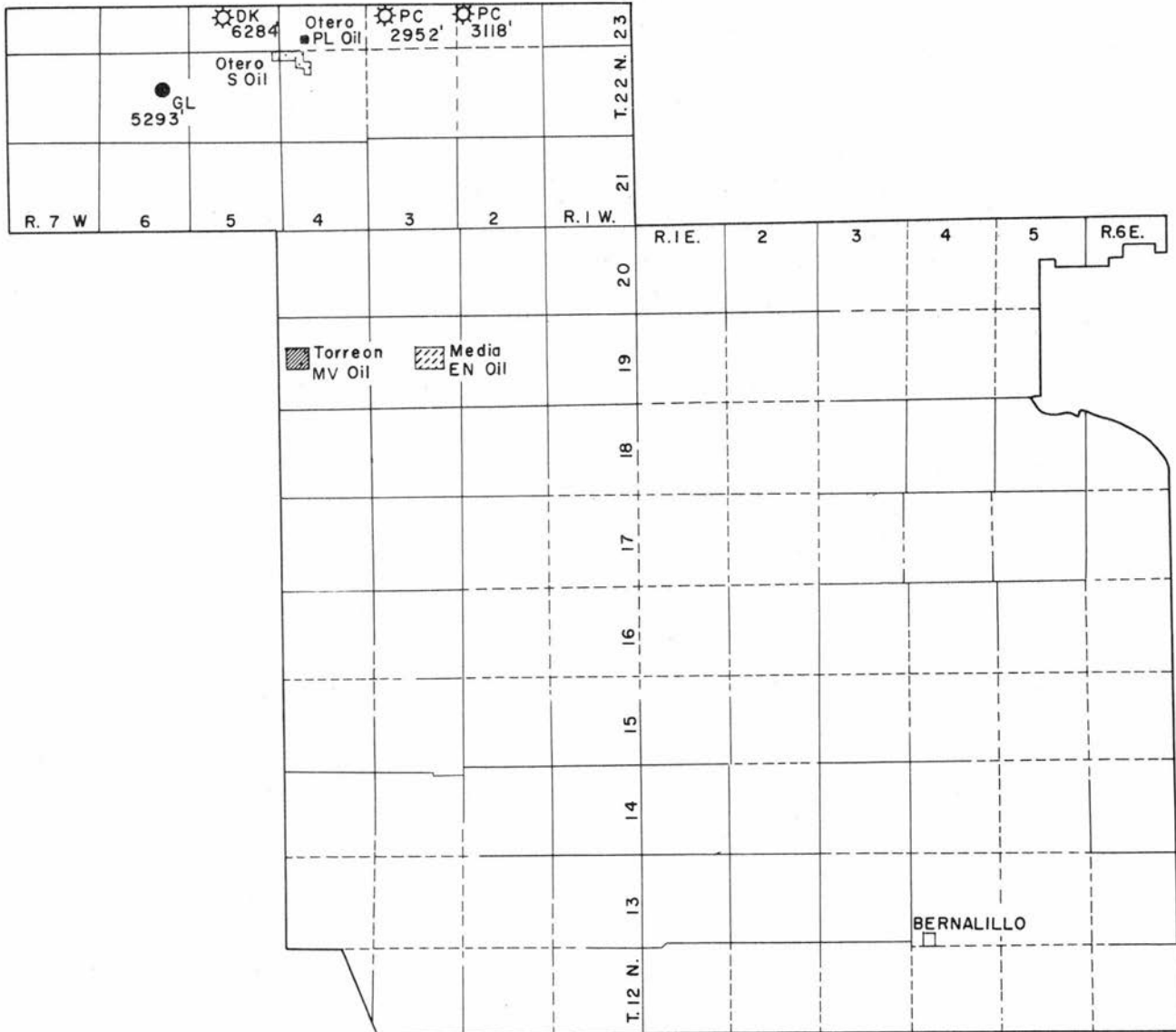
Of the 13 wells drilled in Sandoval County during 1958, all were wildcats. Two found gas in the Pictured Cliffs formation, 1 was completed as an oil well in the Gallup, and 1 as a gas well in the Dakota (see fig. 13). The remaining 9 wells were dry. None of the wells tested formations below the Morrison. A total of 17 test wells were drilled during 1957.

The total footage drilled in Sandoval County during 1958 amounted to 55,716 feet, an average of 4,286 feet per well. Corresponding figures for 1957 were a total footage of 82,817 feet and an average depth of 4,872 feet.

Oil production amounted to 15,264 barrels and gas production to 38,643,000 cubic feet during 1958. There were 11 oil wells and 2 gas wells producing in the county at the end of 1958. Sandoval County ranks eighth in the production of oil and seventh in the production of gas in New Mexico.

#### San Juan County

San Juan County showed a decrease in the total number of wells drilled from 571 in 1957 to 492 in 1958. Eighty-seven percent were successfully completed as 263 oil wells, 117 gas wells, 11 dual oil-gas wells, and 37 dual gas-gas wells. Most of the wells drilled were development wells. The Bisti-Lower Gallup pool led in the number of oil completions with 89 wells, followed by the Horseshoe-Gallup pool with 70 wells. The Blanco-Mesaverde pool led the gas completions with 75 wells, followed by the Aztec-Pictured Cliffs pool with 31 wells.



Producing formations:

- DK-Dakota
- EN-Entrada
- GL-Gallup
- MV-Mesaverde
- PC-Pictured Cliffs
- PL-Point Lockout
- S-Sanastee

6284' Depth to top of pay

- Oil well
- ⊗ Gas well

Media EN pool name  
Pool outlines as of Jan.1,1959

All pools are gas pools unless otherwise designated.

FIGURE 13 SANDOVAL COUNTY  
OIL AND GAS POOLS AND 1958 DISCOVERIES

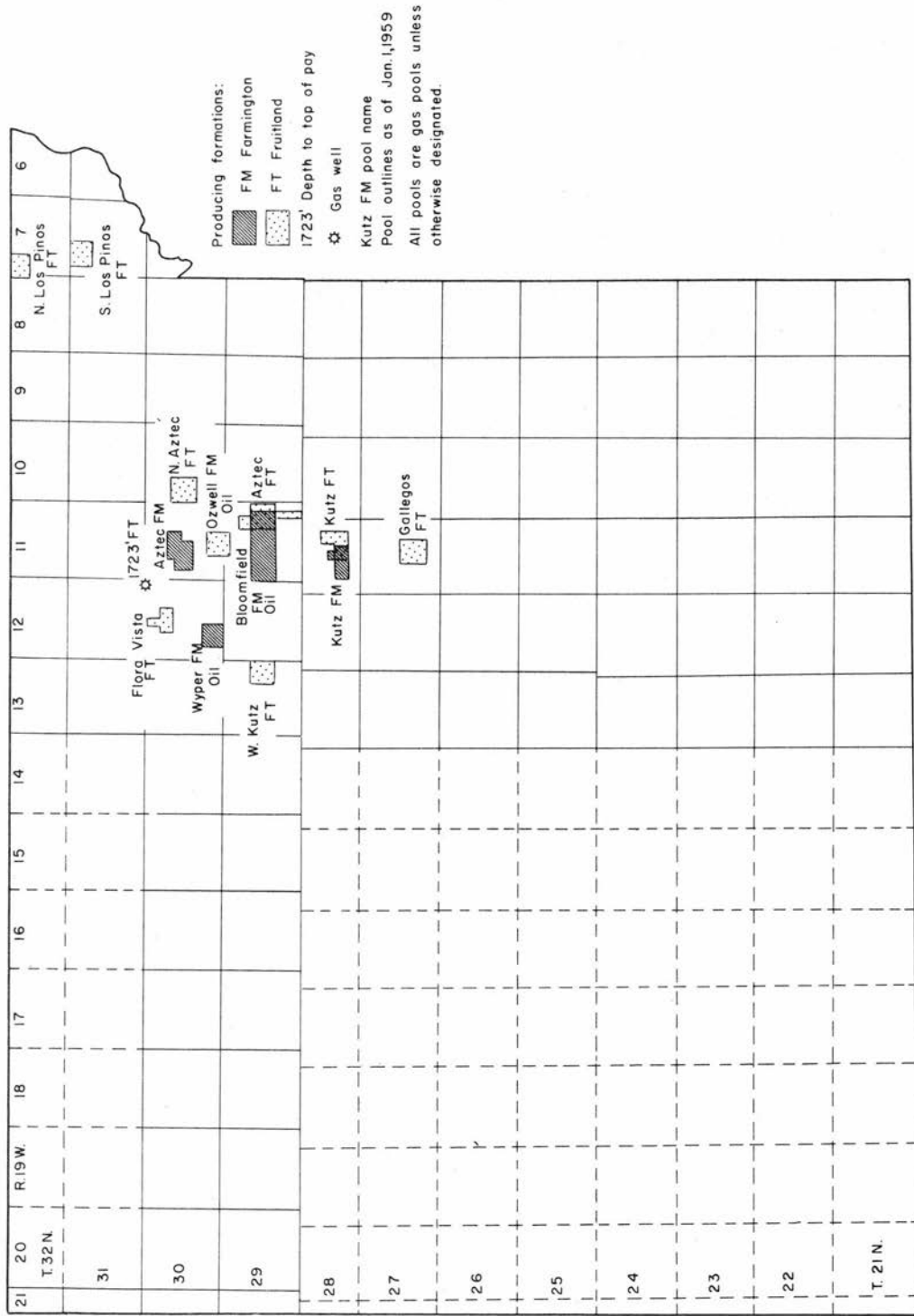


FIGURE 14 SAN JUAN COUNTY  
 FARMINGTON AND FRUITLAND POOLS AND 1958 DISCOVERIES

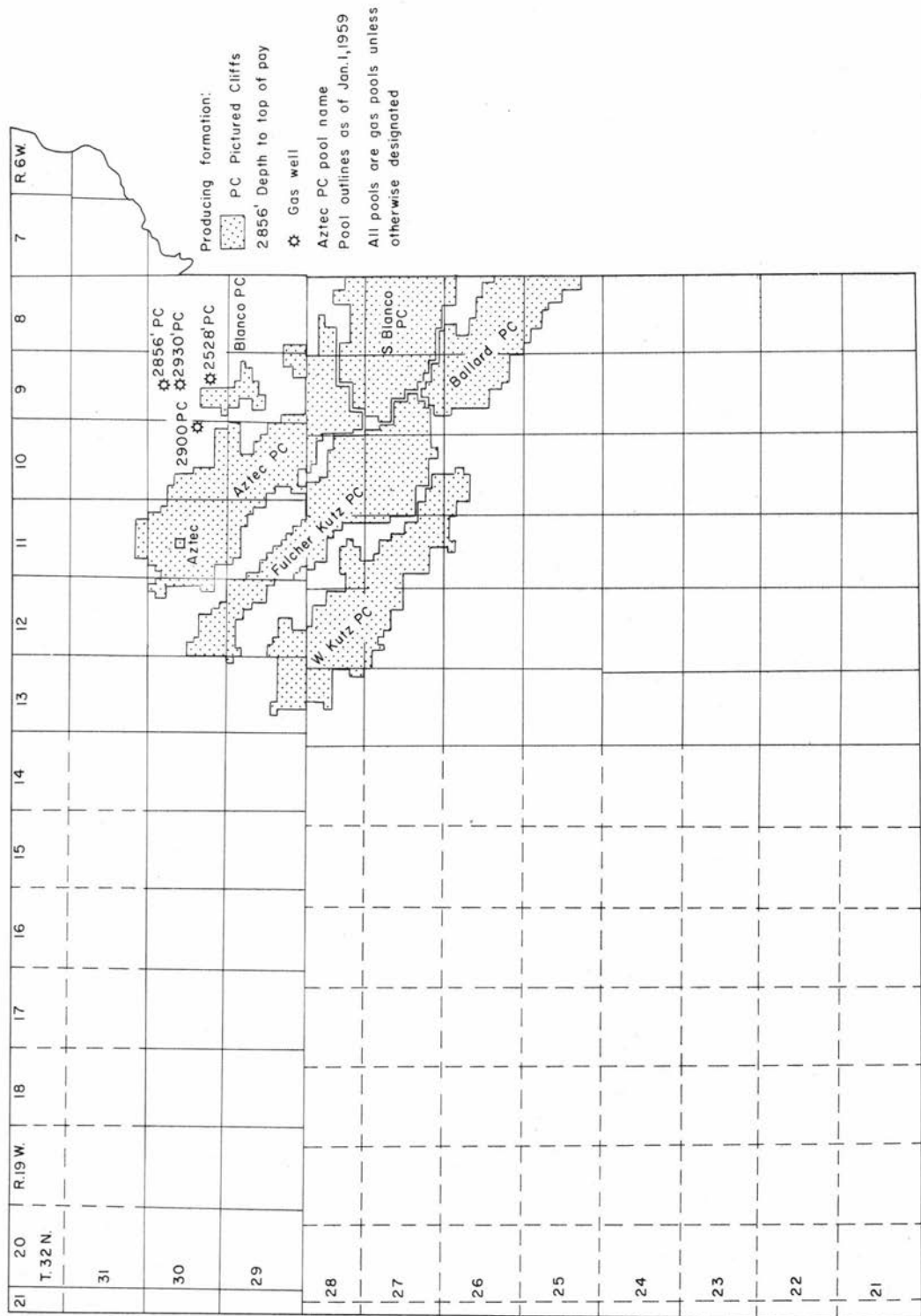


FIGURE 15 SAN JUAN COUNTY  
PICTURED CLIFFS POOLS AND 1958 DISCOVERIES

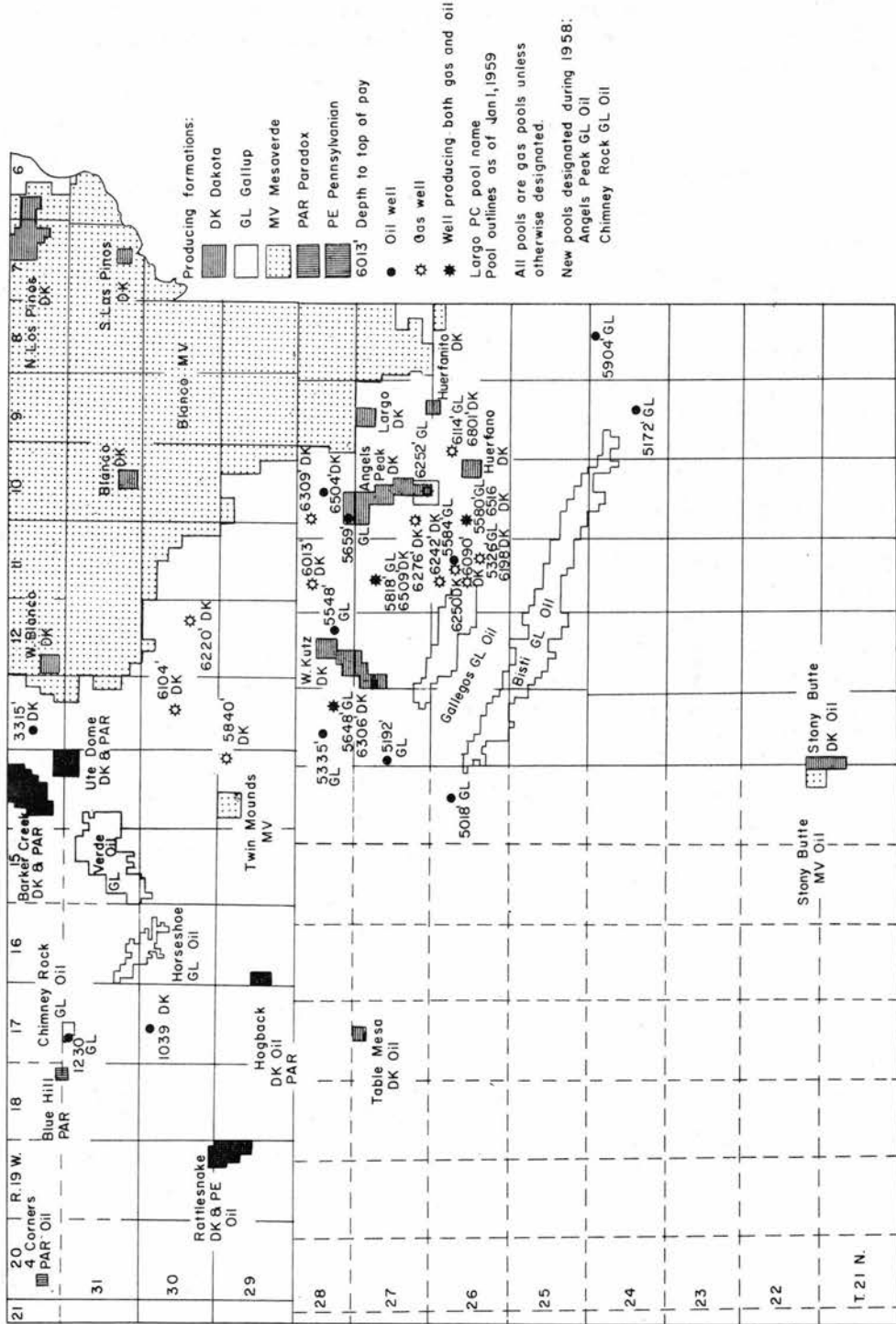


FIGURE 16 SAN JUAN COUNTY  
 DAKOTA, GALLUP, MESEVERDE, AND PENNSYLVANIAN  
 POOLS AND 1958 DISCOVERIES

The total footage drilled in San Juan County amounted to 1,940,654 feet, for an average of 3,952 feet per well. The total footage drilled in 1957 was 2,413,989 feet, for an average of 4,228 feet per well.

Crude oil and distillate production amounted to 7,878,549 barrels in 1958, an increase of 5,651,191 barrels over 1957. Natural gas production amounted to 182,347,588,000 cubic feet in 1958, a decrease of 32 billion cubic feet from 1957. Sixty-eight percent of the oil production came from the Bisti-Lower Gallup pool, and 71 percent of the gas production came from the Blanco-Mesaverde and Aztec-Pictured Cliffs pools. At the end of 1958, there were 668 oil wells and 2,892 gas wells producing in the county. San Juan County ranks second in the production of oil and distillate and second in the production of gas in New Mexico.

Wildcat drilling resulted in 10 oil wells, 11 gas wells, 3 dual oil-gas wells, and 2 dual gas-gas wells. Thirty-four wildcat wells were dry and abandoned, and 1 was temporarily abandoned. In addition, 6 of the remaining 8 dual oil-gas wells found new production and are, in a sense, wildcat discoveries. Four of these found new gas production, and 2 found new oil production. Twelve of the oil discoveries found production in the Gallup and 3 in the Dakota. Fourteen of the gas discoveries were completed in the Dakota, 4 in the Pictured Cliffs, 3 in the Gallup, and 1 in the Fruitland. These wells are shown in Figures 14, 15, and 16. Most of these discoveries are actually extensions of established trends. However, a series of Gallup discoveries northeast of and parallel to the Gallegos-Gallup oil pool appear to have established another Gallup trend. Significant Dakota discoveries were made in T. 29 N., R. 14 W.; T. 30 N., R. 12 W.; T. 30 N., R. 13 W.; and T. 30 N., R. 14 W. Only one wildcat test of pre-Mesozoic rocks was drilled during the year. This well, Forest Oil Corp. No. 31-1 Ute, sec. 31, T. 32 N., R. 15 W., bottomed in the Devonian at 10,010 feet. Gas was reported from the Pennsylvanian and carbon dioxide from the Mississippian. The well was plugged and abandoned.

Five new pools were named during the year: the Blue Hill-Paradox gas pool, discovered in 1953; the Gallegos-Gallup oil pool, discovered in 1954; the Kutz-Fruitland gas pool, discovered in 1956; the Chimney Rock-Gallup oil pool and the Angels Peak-Gallup gas pool, both discovered in 1958.

#### Other Counties

A total of 22 test wells were drilled in Colfax, De Baca, Guadalupe, Hidalgo, Mora, Otero, Quay, San Miguel, Torrance, Union, and Valencia Counties. The total footage drilled amounted to 95,877 feet, for an average of 4,358 feet per well. None of these wells found production.

## SUBSURFACE COMPLETION DATA

### EXPLANATION

#### UNIT LETTER

The unit letter gives the position within the section of the 40-acre tract upon which the well is located. The letters A through P designate 40-acre tracts within a standard section. For those sections which are more than 1 mile in a north-south direction, additional letters are used as needed. The letters and the 40-acre tracts they designate are illustrated below.

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P
T	S	R	Q
U	V	W	X

#### ABBREVIATIONS

Af      Acidfrac	P          Pumped
BO      Barrels oil	P & A      Plugged and abandoned
CO      Cleaned out	PB        Plugged back
Dist     Distillate	Perfs     Perforations
D & A    Dry and abandoned	R/A       Regular acid
F        Flowed	Sf         Sandfrac
g        Gallons	SOF       Sand-oil frac
Of       Oilfrac	Swb       Swabbed
OH       Open hole	SWF       Sand-water frac
M/A     Muriatic acid	TA        Temporarily abandoned
MCF     Thousand cubic feet	Wf        Waterfrac



COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH	
<u>CHAVES COUNTY</u>										
<u>ACME - SAN ANDRES</u>										
War-Tex Exploration Faircloth, Everne Shields, Alma Standard State	1 1 1	O M A	32- 7S-27E 33- 7S-27E 5- 8S-27E	12-17-58 12- 2-58 8-18-58	F 41 P 36 P 21	4013 4009 4008	1958 1976 1980	1908 1938 1928	Sf 5,000 g OH 1908-58 Sf 10,000 g OH 1936-76 M/A 250 g OH 1820-1980	4-1/2 1908 4-1/2 1936 4-1/2 1820
<u>BROWN - QUEEN</u>										
Brown, J. W. State	6	F	26-10S-26E	5-11-58	P & A	?	792			
Kelly, John M. Stratigraphic Test	1	O	15-10S-26E	12-16-58	P & A	3847	1155			
Steinberger Drilling Gulf State	1	N	23-10S-26E	8-11-58	T A	3756	804			
<u>CAPROCK - QUEEN</u>										
Ada Oil Medlin "B"	3	G	21-14S-31E	10- 9-58	P 113	4243	2955	2909	Sf 5,000 g + M/A 500 g 2909-15	5-1/2 2955
Antweil, Morris R. Yates Federal "B"	1	H	29-14S-31E	11-21-58	Swb 96	4243	2928 PB 2918	2904	Sf 20,000 g 2904-09	5-1/2 2924
Baker, George W. Medlin Williams	1 1	O C	22-14S-31E 33-14S-31E	8-11-58 7-19-58	P & A P & A	4407 4281	3100 2970			5-1/2 3100 8-5/8 170
Bennett, Byard Zimmerman	1	I	20-14S-31E	2-20-58	Swb 138	4184	2870 PB 2860	2831	Sf 16,800 g 2831-43	4-1/2 2863
Zimmerman, S. et al "A"	1	N	21-14S-31E	8-19-58	P 140	?	2943	2920	Sf 10,000 g + M/A 250 g 2920-26	5-1/2 2943
Zimmerman, S.	2	P	20-14S-31E	6- 2-58	P 18	4212	2882 PB 2878	2859	Sf 14,800 g + M/A 250 g 2859-65	5-1/2 2879
Zimmerman, S. "A"	2	K	21-14S-31E	10-18-58	Swb 130	4226	2906	2894	Sf 4,000 g 2894-99	5-1/2 2906
Zimmerman, S. "A"	3	M	21-14S-31E	10-27-58	Swb 225	4258	2950	2925	Sf 5,000 g 2925-30	5-1/2 2950
Zimmerman, S. et al "A"	4	L	21-14S-31E	11-28-58	Swb 150	4226	2915	2884	Sf 5,000 g 2884-92	5-1/2 2915
Collier, R. D. Gulf State	2	D	24-13S-31E	3- 4-58	P 25	4409	3105	3063	Sf 10,000 g 3065-68	5-1/2 3105
Crest Oil Gulf State	4	H	27-14S-31E	1-16-58	P 80	4418	3120	3103	Natural 3104-08	5-1/2 3120
Gulf Oil Corp. Hopp "A" NCT-B Fed. 8	2	M	8-14S-31E	2- 8-58	P & A	4064	2672 PB 2661			4-1/2 2671
Lee Drilling Sinclair Federal	1	D	26-14S-31E	7-27-58	P & A	4395	3118			5-1/2 3118
O'Neill, Joseph I Medlin	3	P	22-14S-31E	7- 9-58	F 41	4389	3100 PB 3096	3090	Natural 3090-94	7 3097
O'Neill, Joseph I., Jr. State "F"	1	I	32-14S-31E	8-12-58	P & A	4446	3120			5-1/2 3120
Paradox Minerals, Inc. Malco Federal	1	P	7-14S-31E	5-13-58	P & A	4050	2717			4-1/2 2665

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>CAPROCK - QUEEN (cont.)</u>									
Penrose, N. G., Inc. Ballard Federal	1 C	28-14S-31E	4-21-58	P 70	4324	3012	3001	Sf 4,000 g + M/A 250 g 3001-08	7 3012
Ballard Federal	2 D	28-14S-31E	7-12-58	P 88	4268	2952	2940	Sf 4,000 g + M/A 250 g 2940-47	7 2952
Ballard Federal	3 E	28-14S-31E	7-22-58	P 84	4300	2991	2970	Sf 4,000 g + M/A 250 g 2970-73	7 2991
Ballard Federal	4 F	28-14S-31E	8-12-58	F 44	4440	3153	3131	Sf 4,000 g + M/A 250 g 3131-34	7 3153
Saner Federal	2 J	21-14S-31E	6-24-58	P 84	4246	2925	2901	Sf 4,000 g + M/A 250 g 2901-04	7 2925
Saner Federal	3 I	21-14S-31E	12-30-58	P 60	4272	2971	2947½	Sf 4,000 g + R/A 250 g 2947½-50½	7 2971
Shelton-Warren Oil Gulf State	1 B	27-14S-31E	3-21-58	P 160	4414	3123	3099	Sf 10,000 g 3099-3103	4-1/2 3123
Gulf State	2 A	27-14S-31E	6- 5-58	P 98	4414	3131	3102	Sf 10,000 g 3102-06	4-1/2 3131
Hardin Simmons Univ.	1 M	23-14S-31E	6- 2-58	P 94	4406	3130	3094	Natural 3094-98	4-1/2 3130
Hardin Simmons Univ.	2 L	23-14S-31E	7- 9-58	P 92	4419	3135	3098	Natural 3098-3104	4-1/2 3135
Trigg, John H. Trigg Federal 4	13 O	4-14S-31E	7-11-58	F 35	4191	2825	2806	Sf 20,000 g 2806-10	5-1/2 2825
Trigg Federal 4	14 J	4-14S-31E	6-10-58	F 48	4194	2813	2803	Natural OH 2800-13	5-1/2 2800
Trigg Federal 4	32 D	4-14S-31E	7- 2-58	F 60	4142	2762	2745	Sf 20,000 g + M/A 250 g 2745-50	5-1/2 2762
Union Oil of California Bogle, H., 28	1 L	28-14S-31E	6- 9-58	F 75	4244	2943	2905	Sf 5,000 g 3905-11	5-1/2 2943
Lindley, H. A., 28	5 M	28-14S-31E	6-17-58	P 60	4232	2930	2895	Sf 5,000 g 2895-2900	5-1/2 2930
<u>LITTLE LUCKY LAKE - DEVONIAN</u>									
Texas Company Peery Federal	1 G	29-15S-30E	10-11-58	F 1053 BO	3981	12,298	11,050	R/A 1,000 g 11054-134 PB 12,292	5-1/2 12,298
								Natural 12068-106	
<u>LONE - WOLFCAMP</u>									
Central Leduc Oil, Inc. Getty-Federal	1 N	6- 7S-31E	3-19-58	P & A	4346	8945			8-5/8 3150
<u>WILDCATS</u>									
Collier, R. D. Gulf Federal 33	1 P	33-13S-30E	9- 8-58	P & A	3892	2752			7 2351
Dorie, John J. Littlefield	1 N	7-13S-29E	11- 8-58	P & A	3657	3005			8-5/8 303
El Paso Natural Gas White	1 B	18-10S-29E	2-20-58	P & A	3886	8677			9-5/8 2470
Fren Oil Honolulu State	1 O	36-14S-25E	1- 3-58	P & A	3490	2003		M/A 500 g OH 1182-1225	7 1034
						PB 1225			
Hall, G. E. State "G"	1 J	22-10S-31E	11-10-58	P & A	4372	11,753			5-1/2 10,640
						PB 10,640			
Harris, L. C. Federal "BA" 27	1 B	27-15S-27E	5-16-58	P & A	3480	2395			7 1519

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<u>WILDCATS (cont.)</u>									
Hightower, Nay Hinkle Federal	1 D	15-13S-30E	9-25-58	P & A	3931	3402			8-5/8 392
Kincaid & Watson Drilling Bell Federal	1 L	17-15S-28E	1-28-58	P & A	3560	2395			7 1760
Leonard Oil Federal White	1 M	9- 4S-27E	8-14-58	P & A	*3897	6713			8-5/8 1475
Magnolia Petroleum Lightcap Land Co.	2 B	25- 7S-29E	12-30-58	P & A	4121	8285			8-5/8 3380
Moss, William Allison & Marshall	1 D	15-14S-25E	1-15-58	P & A	3537	1335			7 1090
Murphy-Dyer Drilling, Inc. White Ranch	1 M	25-11S-28E	7- 7-58	P & A	3742	8199			8-5/8 1961
Samedan Oil Corp. Chatten Ranch	1 A	11- 6S-27E	4-27-58	P & A	4034	6923			8-5/8 1356
Sinclair Oil & Gas Chaves State 129	1 N	2- 8S-27E	11-30-58	P & A	3936	6880			9-5/8 1450
Sohio Petroleum Waller, W. F.	1 C	34-12S-28E	3- 7-58	P & A	3608	8290			8-5/8 2140
Steinberger Drilling Hanson State	1 N	16-11S-27E	3-31-58	P 10 BO	3742	930	834	Wf 21,000 g	834-888 5-1/2 930
Sun Oil Waller, Charles F.	1 C	26-12S-28E	6- 2-58	P & A	3639	8421			8-5/8 2111
Trigg, John H. Honolulu Federal 26	1 C	26-13S-27E	1- 8-58	P & A	3567	2074 PB 771			5-1/2 2074
Waters & Williamson Todhunter Federal	1 D	22-14S-28E	9-10-58	P & A	3588	1371			8-5/8 172
Williams, George Hinkle, C., Federal Levick	1 I 1 D	20-11S-27E 21-11S-27E	3- 5-58 1-12-58	P & A P 25 BO	3702 3727	870 943 PB 914	836	Wf 27,000 g	6-5/8 183 5-1/2 930
Zapata Petroleum White, Healey	1 G	7-10S-29E	12-23-58	P & A	3892	8120			9-5/8 2315

COLFAX COUNTY

WILDCATS

Columbine Oils, Inc. George	1 J	13-23N-21E	9- 7-58	P & A	?	1607			7 65
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DE BACA COUNTY

WILDCATS

Brown, T. G. Western Federal	1 H	29- 1S-25E	6-25-58	T A	?	130			
Haschke, O. P., Trustee Elliott & Clutts	1 K	14- 2N-28E	7- 3-58	P & A	4232	2535			10-3/4 221

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>WILDCATS (cont.)</u>									
Stevens, H. D. Blackhawk Min. Fed.	1 B	29-3N-24E	3-14-58	P & A	4517	1431			8-5/8 242
Talbert, Eugene Andree	1 I	20- 2S-22E	3- 2-58	P & A	4426	5354			10-3/4 60
<u>EDDY COUNTY</u>									
<u>AID</u>									
Donnelly Drilling Wentz State	3 P	24-17S-28E	5-21-58	T A	3671	942 PB 875			4-1/2 860
<u>ARTESIA</u>									
Bedingfield, J. E. Humble Spurch State	1 G 1 H	7-18S-28E 7-18S-28E	4-24-58 1-30-58	P & A F 72	3614 3620	2377 2415 PB 2235	2175	Sf 40,000 g + M/A 250 g OH 2165-2235	8-5/8 350 7 2165
Burnham Oil State 32	1 J	32-17S-28E	4-24-58	F 20	3681	2074	1919	Sf 50,000 g + M/A 250 g 1919-2037	5-1/2 2074
Yates State	3 N	15-18S-28E	6- 7-58	Swb 60	3612	2665 PB 2590	2377	Sf 15,000 g 2377-85 Sf 10,000 g 2512-28	5-1/2 2590
Collier, R. D. Amerada State	1 C	20-18S-28E	10-28-58	P 30	3604	2441 PB 2288	2098	Sf 46,800 g 2098-2280	5-1/2 2300
Kersey & Company Pan American	1 G	34-17S-28E	5-21-58	F 9	3660	2240 PB 1673	1620	Sf 30,000 g 1620-60	5-1/2 1673
Leonard Oil State E-2715	1 D	8-18S-28E	6-10-58	F 40	3628	2382 PB 2260	2176	Sf 30,000 g + M/A 250 g 2176-2210	5-1/2 2260
Marbry, L. N. Kelly State	1 O	8-18S-28E	4- 1-58	P 41	3616	2485 PB 2480	2145	Sf 21,000 g 2145-2466	5-1/2 2485
McKee, Robert E., Gen. Contr. Inc. McKee Mell	4 P	7-18S-28E	8-29-58	F 70	3611	2225 PB 2222	1937	Sf 29,000 g 1937-2163	5-1/2 2222
Mesa Retailers, Inc. Gulf State	1 J	23-18S-28E	8-28-58	F 120	3496	2797	2788	Sf 8,000 g + M/A 50 g OH 2785-97	5 2785
Gulf State	2 O	23-18S-28E	12-15-58	F 120	3494	2828 PB 2800	2789	Sf 15,200 g 2789-97	5-1/2 2824
Gulf State A	1 C	26-18S-28E	10-14-58	F 36	3517	2857 PB 2832	2786	Sf 8,000 g + M/A 250 g 2786-94	4-1/2 2857
Mesa F. A. F.	1 K	23-18S-28E	5-20-58	F 120	3508	2770	2517	Sf 34,580 g OH 2517-37	5-1/2 2748
Miller & Smith Federal "A"	1 H	22-18S-27E	8-11-58	P & A	3455	1939			7 1567
Nichols, Leonard Rotary Rotary State	5 J 6 B 3 E	20-18S-28E 29-18S-28E 21-18S-28E	2-20-58 8-22-58 11- 8-58	F 65 T A F 60	3585 3555 3596	2448 2276 2460 PB 2367	1968 2035	Sf 40,000 g 1968-2408 Sf 33,000 g + M/A 350 g 2174-2345	5-1/2 2448 8-5/8 513 5-1/2 2368
Nix & Curtis Gulf State "C"	1 N	19-18S-28E	6- 7-58	P 22	3566	2282 PB 2200	1986	Sf 32,412 g 1986-2055 Sf 28,000 g 2094-2147	5-1/2 2275
Gulf State "D"	1 C	8-18S-28E	11- 6-58	F 55½	3633	2297 PB 2295	2254	Sf 12,000 g 2254-64	5-1/2 2297
T. P. State	1 I	7-18S-28E	8- 1-58	F 40	3621	2252 PB 2235	2164	Sf 45,000 g + M/A 250 g 2164-2208	5-1/2 2251

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>ARTESIA (cont.)</u>									
Roach & Shepard Humble State Signal State	2 E 2 K	8-18S-28E 8-18S-28E	2-25-58 1-28-58	F 36 F 60	3628 3626	2290 2305	2196 2218	Sf 40,000 g 2196-2238 Sf 40,000 g 2218-2272	5-1/2 2290 5-1/2 2305
Simms & Reese Oil Wilson State 8	1 J	8-18S-28E	2- 6-58	F 60	3631	2340	2020	Sf 60,000 g + M/A 250 g 2024-2265	5-1/2 2340
Wilson State 8	2 I	8-18S-28E	9-10-58	F 40	3635	2371	2050	Sf 15,000 g 2050-56 Sf 43,800 g 2166-2312	5-1/2 2370
Wilson State 18	1 L	18-18S-28E	3- 9-58	P 50	3598	2383 PB 2240	2114	Sf 10,540 g + M/A 250 g 2114-2220	5-1/2 2265
Southwestern, Inc. Humble State	1 A	17-18S-28E	11- 2-58	F 288	3623	2502 PB 2376	2171	Sf 41,000 g 2171-2316	5-1/2 2376
Trigg, John H. Federal B 22	1 N	22-18S-27E	7-24-58	P & A	3426	2833 PB 1750			5-1/2 1870
Western-Yates Dunn B	24 I	10-18S-28E	1- 2-58	P & A	3616	3947			8-5/8 535
Dunn B	26 L	11-18S-28E	5- 1-58	F 65	3629	2754	2502	Sf 41,500 g 2502-2721	4-1/2 2754
Dunn B	27 I	12-18S-28E	4-12-58	F 65	3621	2868 PB 2865	2185	Sf 15,000 g 2185-2205, 10,000 g 2613-25, 7,500 g 2652-77, 15,000 g 2833-48	4-1/2 2868
Williamson, N. R. Humble State	1 H	20-18S-28E	3- 9-58	P 81	3606	2485 PB 2470	2023	Sf 45,000 g 2023-2461	5-1/2 2483
<u>ATOKA - GRAYBURG</u>									
National Drilling Leavitt	7 F	13-18S-26E	7-30-58	F 114	3305	990	979	Sf 7,500 g + M/A 250 g 974-990	7 974
Standard Oil of Texas Leavitt, J. A. et al.	2 G	13-18S-26E	3-12-58	F 115	3300	1808 PB 1200	990	Sf 5,000 g 990-1000	5-1/2 1808
<u>ATOKA - SAN ANDRES</u>									
Lee Drilling Mock, C. F.	1 H	13-18S-26E	9-14-58	P & A	3299	1805			8-5/8 1160
National Drilling Fanning, Donald	1 K	13-18S-26E	8-20-58	Swb 30	3307	1826 PB 1816	1783	Sf 5,000 g + M/A 250 g 1783-93	5-1/2 1818
Pan American Petroleum Martin, C. R.	1 C	23-18S-26E	4-18-58	P 44	3330	1750	1584	Sf 20,000 + R/A 1,000 g 1584-1720	4-1/2 1750
Martin, C. R.	2 D	23-18S-26E	10-5-58	P 23	3332	1795 PB 1696	1382	500 acid 20,000 frac 1382-1683	5-1/2 1795
Standard Oil of Texas Higgins, M. L. Unit 1	1 O	12-18S-26E	1- 5-58	F 98	3300	1789 PB 1779	1695	Sf 10,000 g + M/A 500 g 1695-1713	5-1/2 1789
Higgins, M. L. Unit 2	1 D	12-18S-26E	1-20-58	F 65	3305	1764 PB 1750	1679	Sf 20,000 g + M/A 500 g 1679-1706	5-1/2 1759
<u>ATOKA - PENNSYLVANIAN, GAS</u>									
Standard Oil of Texas Martin, C. R., et al.	1 J	15-18S-26E	7-22-58	43,000 MCF	3347	9086	8966	M/A 500 g 8966-9018	5-1/2 9086
Terry, Paul et al. Unit	1 F	15-18S-26E	10-29-58	P & A	3352	9100			10-3/4 1288
<u>BLACK RIVER - DELAWARE</u>									
O'Neill, J. I., Jr. Federal "D"	1 G	11-24S-26E	2-11-58	P & A	3291	2014			8-5/8 267

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH	
<u>CAVE-GRAYBURG</u>										
Collier, R. D. Levers Federal	1	I	33-16S-29E	6-10-58	F 5	3601	2549	2410	Sf 33,600 g OH 2404-40	5-1/2 2404
Gulf Oil Corp. Eddy State "D"	1	K	4-17S-29E	2-26-58	F 66	3585	2520 PB 2496	2370	Sf 20,000 g + M/A 250 g 2370-2476	4-1/2 2501
Kelly, John M. Elk State "A"	5	K	5-17S-29E	11- 1-58	P 20	3638	2380	2350	Sf 15,000 g OH 2337-80	5-1/2 2337
Gulf Elk	1	D	4-17S-29E	6-18-58	F 43	3601	2435 PB 2425	2372	Sf 20,000 g 2368-74	5-1/2 2427
Gulf Elk	2	C	4-17S-29E	7-16-58	F 46	3584	2417 PB 2413	2370	Sf 21,400 g 2370-76	4-1/2 2414
Gulf Elk	3	J	4-17S-29E	6-21-58	F 45	3576	2435 PB 2427	2380	Sf 20,000 g 2379-85	4-1/2 2434
Gulf Elk	4	N	4-17S-29E	7-22-58	F 46	3574	2440 PB 2433	2392	Sf 17,200 g 2392-98	4-1/2 2436
Hodges Federal	2	A	5-17S-29E	5-19-58	F 45	3608	2436	2363	Sf 20,000 g 2363-70	4-1/2 2436
Sinclair State	1	D	9-17S-29E	3- 9-58	F 40	3602	2417		Sf 14,800 g OH 2370-2417	7 2370
Sinclair State	2	C	9-17S-29E	10- 9-58	P & A	3586	2434			8-5/8 279
Shelton-Warren Oil Gulf State	1	A	4-17S-29E	7-22-58	F 104	3597	2460	2404	Sf 15,000 g + M/A 500 g 2404-09	4-1/2 2447
Gulf State	3	I	4-17S-29E	8- 9-58	F 112	3594	2439	2414	Sf 15,000 g + M/A 500 g 2414-18	4-1/2 2439
Gulf State	4	P	4-17S-29E	9-23-58	F 102	3579	2451	2420	Sf 15,000 g + M/A 500 g 2420-25	4-1/2 2451
Western Development of Delaware Dale Federal	2	P	33-16S-29E	1-13-58	F 60	3602	2460 PB 2455	2403	Sf 44,000 g + M/A 250 g 2403-34	5-1/2 2455
<u>CEDAR HILLS - YATES</u>										
Welch, V. S. Welch, et al.	7	A	5-21S-27E	7-30-58	P & A	?	697			7 630
<u>DAYTON-ABO</u>										
Campbell, E. P. Cockerham	1	A	34-18S-26E	9-20-58	F 126	3334	5637 PB 5626	5280	M/A 1,500 g + R/A 15,000 OH 5200-5636	4-1/2 4200
Corine Foster Oil Goodrich	1	D	35-18S-26E	12-16-58	F 250	3336	6400 PB 5650	5604	R/A 11,000 g 5604-24	5-1/2 6398
<u>DOS HERMANOS-YATES</u>										
Shelton-Warren Oil Gulf Federal	1	H	33-20S-30E	1-20-58	P 108	3342	1681	1678	Natural OH 1675-81	5-1/2 1675
Gulf Federal	2	I	33-20S-30E	2-14-58	P 110	3365	1716	1713	Natural OH 1663-1716	5-1/2 1663
Trigg, John H. Federal M 33	5	O	33-20S-30E	4- 4-58	P & A	3390	1800			8-5/8 520
Federal M 28	6	J	28-20S-30E	10-26-58	P 41	3365	1655	1653	Natural OH 1653-55	7 1639
<u>EMPIRE - YATES</u>										
Haynes, Owen Harbold	14	H	26-17S-27E	9-30-58	P & A	3558	502			5-1/2 502
Harbold	15	H	26-17S-27E	9-30-58	T A	3555	270			
<u>EMPIRE - ABO</u>										
Gulf Oil Corp. Eddy State "I" NCT-A	1	M	2-18S-27E	9-16-58	F 114	3529	6075 PB 6063	5862	R/A 500 g 5862-5918	5-1/2 6075

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH	
<u>EMPIRE - ABO (cont.)</u>										
Pan American Petroleum State AR	1	N	2-18S-27E	10-22-58	F 85	3553	6112	5810	M/A 500 g 3810-45	5-1/2 6112
State AS	1	O	2-18S-27E	11-20-58	F 68	3572	6122	5867	R/A 500 g 5867-77	5-1/2 6122
State AT	1	L	2-18S-27E	11-22-58	F 75	3544	6094	5360	M/A 500 g 5360-86	5-1/2 6094
State AT	2	E	2-18S-27E	12-22-58	F 71	3579	6131	5364	R/A 500 g 5364-90	5-1/2 6131
USA Malco Rfg. "A"	2	F	11-18S-27E	11-25-58	T A	?	6179			8-5/8 1004
USA Malco Rfg. "B"	1	E	11-18S-27E	3-26-58	P 34	3562	6120	6104	M/A 750 g + R/A 1,500 g OH 6116-20	5-1/2 6116
USA Malco Rfg. "B"	2	D	11-18S-27E	6-17-58	F 70	3559	6114	5966	M/A 500 g 5966-86	5-1/2 6114
USA Malco Rfg. "C"	1	B	11-18S-27E	6-11-58	F 73	3610	6260	6138	R/A 500 g 6138-58	5-1/2 6260
USA Malco Rfg. "D"	1	A	10-18S-27E	7-29-58	F 73	3531	6074	5820	M/A 500 g 5820-40	5-1/2 6073
USA Malco Rfg. "D"	2	B	10-18S-27E	9-7-58	F 72	3484	6030	5650	M/A 500 g 5650-85	5-1/2 6030
USA Malco Rfg. "E"	1	P	3-18S-27E	10- 6-58	F 72	3504	6108	5330	500 acid 5330-70	5-1/2 6108
USA Malco Rfg. "G"	1	C	10-18S-27E	12-29-58	F 96	3527	6079	5524	R/A 500 g 5524-50	5-1/2 6079

EMPIRE - PENNSYLVANIAN

Consolidated Copper Mines Corp. Shell State	1	P	20-17S-28E	6-23-58	P & A	3612	10,440			8-5/8 2098
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FOREST

Magnolia Petroleum Simmons Federal	2	P	26-16S-29E	10- 2-58	T A	3689	2665			5-1/2 2597
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GRAYBURG-JACKSON - GRAYBURG-SAN ANDRES

Collier, R. D. Cowell State	1	L	32-17S-29E	4- 8-58	F 26	3611	2727	2690	Sf 10,000 g 2690-2702	4-1/2 272Z
McGee, Kerr	1	F	32-17S-29E	12-18-58	F 47	3595	2735	2525	Sf 33,000 g 2525-2704	4-1/2 2727
Videl State	1	I	32-17S-29E	6- 1-58	F 60	3567	2755	2548	Sf 33,000 g 2348-56 & 2728-35	4-1/2 2755
Continental Oil Co. State S-32	1	J	32-17S-29E	8-27-58	T A	3595	2750			4-1/2 2729
State S-32	2	H	32-17S-29E	6-30-58	F 288	3575	2730	2605	Sf 25,000 g + R/A 2,000 g 2605-2670	4-1/2 2729
East, C. L. State	3	I	33-17S-29E	9-11-58	F 45	3540	3191	2717	Sf 15,000 g 2715-25, M/A 500 g + R/A 4,000 g OH 3014-3191	5-1/2 3014
Kincaid & Watson Durham-State	1	B	32-17S-29E	5-16-58	F 50	3574	2537	2581	Sf 26,000 g OH 2565-2637	5-1/2 2565
Humble State	6	K	20-17S-29E	3- 2-58	P & A	3629	2332			8-5/8 422
Miller & Smith Petroleum Brown State	1	A	32-17S-29E	1-20-58	F 45	3556	2900	2586	Sf 10,000 g + R/A 1500 g 2871-87 and M/A 200 g 2586-92	5-1/2 2900
Sinclair Oil & Gas West "B"	14	K	10-17S-31E	1-13-58	F 176	3907	3632	3380	Sf 20,000 g 3380-96	7 3563

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>GRAYBURG-JACKSON - GRAYBURG - SAN ANDRES (cont.)</u>									
Sinclair Oil & Gas									
West "B"	15 G	10-17S-31E	7- 8-58	F 71	3919	3728	3372	Sf 30,000 g 3272-78, PB 3726 3515-40	5-1/2 3728
West "B"	16 M	3-17S-31E	9- 5-58	F 120	3928	3673	3370	Sf 25,000 g 3370-3578 PB 3671	5-1/2 3673
West "B"	17 I	9-17S-31E	10-20-58	F 192	3889	3670	3338	Sf 20,000 3338-56 PB 3668	5-1/2 3670
West "B"	18 O	3-17S-31E	12-16-58	Swb 56	3948	3725	3393	Sf 20,000 g + M/A 250 g PB 3716 3393-3464	5-1/2 3725
Turner "B" SP	51 I	20-17S-31E	1-18-58	F 264	3733	3338	3070	Sf 20,000 g 3070-87 PB 3208	5-1/2 3210
Turner "B" SP	52 E	29-17S-31E	2-23-58	F 216	3646	3451	3300	Sf 20,000 g 3300-20 PB 3439	5-1/2 3451
Turner "B" SP	53 I	30-17S-31E	6-25-58	F 218	3636	3524	3356	Sf 20,000 g 3356-72 PB 3470	5-1/2 3524
Turner "B" SP	54 F	29-17S-31E	8-18-58	F 216	3696	3525	3366	Sf 30,000 g 3366-86 PB 3523	5-1/2 3525
Turner "B" SP	55 H	29-17S-31E	10- 8-58	F 204	3763	3640	3600	Sf 20,000 g 3600-24 PB 3634	5-1/2 3640
Turner "B" SP	56 J	30-17S-31E	11-21-58	F 216	3617	3527	3367	Sf 20,000 g 3367-78 PB 3525	5-1/2 3527
Skelly Oil									
Dow "B"	27 J	21-17S-31E	1- 9-58	F 547	3816	3353	3280	Sf 29,946 g OH 3280-3353	7 3280
Dow "B"	28 P	21-17S-31E	1-19-58	F 1108	?	3446	3388	Sf 27,000 g + R/A 220 g OH 3386-3446	7 3388
Dow "B"	29 C	28-17S-31E	1-20-58	F 608	3789	3527	3460	Sf 36,750 g OH 3460-3527	7 3460
Dow "B"	30 B	28-17S-31E	5-31-58	192	3801	3570	3514	Sf 54,600 g + M/A 150 g OH 3506-14	5-1/2 3506
Dow "B"	31 E	28-17S-31E	12-27-58	F 1210	3768	3652	3575	Sf 32,760 g + M/A 250 g OH 3575-3652	5-1/2 3575
Lynch "A"	8 M	22-17S-31E	7-13-58	F 372	3825	3535	3474	Sf 66,000 g OH 3474-3535	7 3474
Lynch "A"	9 N	22-17S-31E	9- 2-58	F 224	3835	3580	3523	Sf 51,860 g OH 3523-80	7 3423
Lynch "A"	10 L	22-17S-31E	10- 9-58	F 644	3828	3451	3399	Sf 56,742 g OH 3399-3451	7 3399
Lynch "B"	3 C	27-17S-31E	7-15-58	F 508	3818	3673	3612	Sf 50,000 g OH 3612-73	7 3612
Lynch Federal	11 K	22-17S-31E	11-12-58	F 275	3843	3497	3432	Sf 39,942 g OH 3432-97	7 3432
Three States Natural Gas									
State X	3 D	30-17S-31E	8-11-58	F 150	3590	3423	3802	Sf 50,000 g 2835-3256 PB 3393	7 3423
Western Development of Delaware									
Leonard	2 E	33-17S-29E	9-22-58	F 240	3554	3041	2670	Sf 20,580 g + M/A 250 g PB 3039 2670-2702, Sf 6,000 g + M/A 250 g 2958-3008	5-1/2 3041
Leonard	3 F	33-17S-29E	11- 4-58	F 250	3548	3052	2654	Sf 31,000 g + M/A 400 g PB 2989 2654-2956	5-1/2 2989
<u>GRAYBURG-KEELY</u>									
Leonard Oil									
State B-1266	13 L	22-17S-29E	12-18-58	F 50	3546	3253	3139	Sf 34,000 g OH 3139-3253	5-1/2 3139
<u>GRAYBURG - ATOKA, GAS</u>									
Sunray Mid-Continent Oil									
Dodd "A" X	21 O	15-17S-29E	7-11-58	P & A	3594	11,242			9-5/8 3503
<u>HACKBERRY-YATES</u>									
Bunnell, Robert L.									
Stanolind State	3 G	36-19S-30E	3-18-58	P & A	3409	2163			8-5/8 635
<u>HARKEY - PENNSYLVANIAN, GAS</u>									
Tennessee Gas Transmission									
St. John M. Kelly "A"	1 E	34-24S-27E	1- 7-58	2240	3254	10,917	10,870	Natural OH 10824-917	7 10824



COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
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HARKEY - PENNSYLVANIAN, GAS (cont.)

Tennessee Gas Transmission  
St. John M. Kelly "B" 1 N 27-24S-27E 11-26-58 218 3254 12,654 10,654 Natural OH 10654-12654 9-5/8 10,654

HENSHAW, WEST - GRAYBURG

Booker, Glenn  
Sivley Federal 1 D 9-16S-30E 3-30-58 P & A 3825 2820 8-1/4 2108

General American Oil of Texas  
Sivley Federal 7 G 17-16S-30E 2-20-58 F 406.48 3768 2802 2754 Sf 33,000 g OH 2750-2802 7 2750  
Stablein 3 U 3-16S-30E 4-13-58 F 450 3844 2899 2853 40,000 OH 2848-99 5-1/2 2848  
Stablein 4 S 3-16S-30E 5-29-58 F 514 3853 2863 2853 Sf 33,516 g + R/A 500 g OH 2853-63 7 2853  
Stabelin 5 V 3-16S-30E 7-16-58 ? 3832 2916 Sf 42,500 g + M/A 500 g OH 2864-2916 5-1/2 2864

Leonard Oil  
Hagerty Federal 5 P 18-16S-30E 1-20-58 P 40 3771 2815 2765 Sf 20,000 g 2765-80 7 2814  
Hagerty Federal 6 P 7-16S-30E 12-13-58 F 34 3087 2736 2703 Sf 31,000 g + M/A 250 g OH 2703-36 5-1/2 2703

Shell Oil  
Little Lucky Lake Unit 2 K 3-16S-30E 8- 4-58 F 604 3868 2870 2819 Sf 20,000 g + M/A 100 g 2819-27 5-1/2 2870  
Spencer Federal "A" 3 P 4-16S-30E 2- 3-58 F 39 3865 2909 2822 Sf 20,000 g + M/A 250 g 2822-44 5-1/2 2906  
Spencer Federal "A" 4 N 4-16S-30E 2- 5-58 F 268 3850 2860 2790 Sf 20,000 g + M/A 500 g 2790-2812 5-1/2 2860  
Taylor Federal 1 J 4-16S-30E 2-19-58 F 84 3860 2873 2792 Sf 10,000 g + M/A 250 g 2792-2802 5-1/2 2873  
Taylor Federal 2 I 4-16S-30E 3- 3-58 F 180 3860 2903 2797 Sf 20,000 g + M/A 250 g 2797-2822 5-1/2 2902

Trigg, John H.  
Federal "D" 8 L 17-16S-30E 4-20-58 P 41 3771 2785 2766 55,000 OH 2754-83 7 2754  
Federal "D" 9 J 8-16S-30E 5-20-58 P & A 3787 2794 8-5/8 2100  
Federal "D" 10 K 17-16S-30E 6-27-58 P & A 3778 2801 10-3/4 580  
Federal "P" 1 M 3-16S-30E 2-10-58 F 47 3863 2867 2840 Natural OH 2824-67 5-1/2 2824  
Federal "P" 2 N 3-16S-30E 8- 3-58 F 48 3846 2850 2819 Natural OH 2813-19 5-1/2 2813  
Federal "P" 3 L 3-16S-30E 4-18-58 F 48 3858 2820 2803 Natural OH 2793-2820 5-1/2 2793  
Federal "P" 4 P 3-16S-30E 9-18-58 F 43 3867 2893 2873 Natural 5-1/2 2853  
Federal "P" 5 W 3-16S-30E 11-15-58 F 44 3870 2909 2880 Natural OH 2867-2909 5-1/2 2867  
Federal "P" 6 O 3-16S-30E 12-27-58 F 53 3876 2861 2840 Natural OH 2833-61 5-1/2 2837

HIGH LONESOME - QUEEN

General American Oil of Texas  
Brewer 1 A 14-16S-29E 8-31-58 Swb 360 3731 2084 2067 Sf 37,000 g + M/A 500 g OH 2061-84 7 2061  
Brewer 2 M 12-16S-29E 10-16-58 Swb 395 3729 2710 2060 Sf 53,424 g + R/A 500 g OH 2060-80 7 2060  
Brewer 3 B 14-16S-29E 12- 1-58 Swb 89 3731 2084 2055 Sf 56,000 g + R/A 500 g OH 2055-84 7 2055

Utex Exploration & Standard Uranium  
Donohue Federal 4 K 15-16S-29E 8- 6-58 T A ? 3000 5-1/2 2003  
PB 2000

HILLS - SAN ANDRES

Davis, E. M.  
Davis Wilshire Federal 1 B 29-20S-26E 10- 6-58 T A 3337 2502 7 2502

Wilshire Oil of Texas  
Seven Rivers Hills Unit 42 H 29-20S-26E 1-23-58 F 10-12 3302 3000 2460 M/A 500 g 2460-65 7 2562  
PB 2487

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>LEO - GRAYBURG</u>									
Roach & Shepard Elliott Federal	2	H	20-18S-30E	8-30-58	P & A	3513	3400		8-5/8 397
<u>LFO, EAST - GRAYBURG</u>									
Gulf Oil Corp. Littlefield AA Federal	1	P	20-18S-31E	5-23-58	P 36	3641	3750 PB 3745	3666 Sf 15,000 g + R/A 500 g 3666-3720	4-1/2 3749
<u>LEO, SOUTH - GRAYBURG</u>									
Leonard Oil Parcell Federal	1	E	31-18S-30E	1-31-58	F 45	3438	4497 PB 2885	2846 Sf 23,000 2846-60	7 2919
State E-1819	1	H	36-18S-29E	4-17-58	F 50	2947	2868 PB 2860	2783 Sf 30,000 g + M/A 250 g 2783-2832	5-1/2 2860
Sunshine Royalty Elliott	1	D	31-18S-30E	12-31-58	P 35	3449	2850	2835 Sf 40,000 g OH 2835-50	5-1/2 2835
<u>LOCO HILLS - GRAYBURG-SAN ANDRES</u>									
Allen & Fair Operating Brainard	9	G	10-18S-29E	1-21-58	P 12	3485	3160 PB 2637	2615 Sf 10,000 g 2615-20	5-1/2 2647
Franklin, Aston & Fair Mastellar "A"	1	N	8-18S-30E	7- 3-58	P & A	3494	2907		8-5/8 439
Mastellar "A"	2	O	8-18S-30E	9- 2-58	F 120	3501	2892	2887 Sf 5,000 g OH 2887-92	7 2887
Mastellar "A"	3	J	8-18S-30E	10-13-58	P & A	3501	2941		8-5/8 471
Mastellar "A"	4	P	7-18S-30E	4-27-58	F 10.14	3526	3575 PB 2814	2778 Sf 10,000 g + M/A 150 g 2778-95	7 2834
Mastellar "B"	1	A	17-18S-30E	11-26-58	F 50	3498	2889	2883 Sf 10,000 g OH 2882-89	7 2882
Miller & Smith Petroleum Dalager State	1	O	32-17S-29E	4-10-58	P 40	3576	2766	2566 Wf 34,000 g 2566-2746	4-1/2 2766
Resler & Sheldon Digneo State	1	H	32-17S-30E	8- 3-58	P & A	?	3300		
Yates, Harvey E. Travis Federal	11	C	17-18S-29E	9-14-58	Swb 120	3498	3052 PB 2950	2928 R/A 500 g + Af 10,000 g + Wf 40,000 g 2928-32	5-1/2 3050
<u>LUSK, WEST - YATES</u>									
Lee Oil Dickes Angle Federal	1	C	23-19S-31E	4- 9-58	P 11	3550	2452 PB 2450	2438 Sf 10,000 g OH 2438-50	4-1/2 2438
Jones Federal 23	3	E	23-19S-31E	7-15-58	P 25	3550	3092 PB 2488	2406 Sf 15,000 g 2406-18	7 2542
<u>MALAGA - DELAWARE</u>									
Sunshine Royalty Baer, Bob	1	D	19-24S-29E	12-20-58	P & A	2990	2353		5-1/2 2803
<u>MILLMAN-GRAYBURG</u>									
Illamex Oil, Inc. State	2	P	18-19S-28E	3- 5-58	P 70	3522	2063 PB 1960	1930 Sf 10,000 g + M/A 250 g 1930-1946	5-1/2 2061
Jones Oil Warren State	1	D	17-19S-28E	4-23-57	T A	3526	2054 PB 2028		5-1/2 2054
Williamson, N. R. Phillips State	1	N	12-19S-27E	11-20-58	P 10	3470	3043 PB 1715	1586 Sf 18,000 g + R/A 1250 g 1586-98, Sf 7000 1668-1702	

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>MILLMAN, EAST - QUEEN</u>									
Gates, John W. Elliott & Parcell	1 G	13-19S-28E	7- 1-58	F 50	3372	2147	2127	R/A 500 g 2127-32	5-1/2 2147
Elliott & Parcell	2 B	13-19S-28E	9-20-58	F 120	3375	2808	2138	M/A 1,000 g 2138-2222	7 2689
Elliott & Parcell	3 H	13-19S-28E	12- 2-58	P 39	3373	2330	2189	Sf 12,000 g 2189-99	5-1/2 2330
Gulf Oil Corp. Eddy State "AN"	1 F	13-19S-28E	12-19-58	F 104	3386	2188	1722	Sf 20,000 g 1722-2116	4-1/2 2188
Miller Brothers Oil Western Dev. State	1 J	14-19S-28E	4-11-58	F 250	3410	1765	1748	Sf 10,000 g + M/A 250 g OH 1760-65	7 1760
Western Dev. State	2 O	14-19S-28E	5-31-58	F 336	3396	1722	1715	M/A 250 g + 19,000 OH 1715-22	5-1/2 1715
Nix & Curtis R & B State	1 J	12-19S-28E	10-11-58	F 51	3385	2298	2176	Sf 4,000 g 2176-92 & Sf 12,000 g 2236-46	5-1/2 2289
R & B State	2 G	12-19S-28E	11-26-58	P & A	3388	2580			8-5/8 362
Sunray Mid-Continent Oil N. Mex. State "O"	1 C	13-19S-28E	12- 4-58	F 222	3385	2168	2125	Sf 15,000 g 2125-50	7 2167
Welch, W. C. Featherstone Welch	1 D	22-19S-28E	11-30-58	Swb 50	3432	2628	1773	Sf 5,000 g 1773-85	7 1879
Western-Yates State 648	143 K	14-19S-28E	6-18-58	F 110	3437	1892	1744	Sf 24,000 g 1744-62, Sf 11,750 g 1798-1814, Sf 10,000 g 1860-70	7 1892
State 648 Tr. 15	144 L	14-19S-28E	11-10-58	F 181	3464	2986	1756	Sf 11,000 g + M/A 100 g 1756-83, Sf 17,500 1822-36	5-1/2 2596
Western State	3 N	14-19S-28E	11- 1-58	F 150	3424	2555	1714	Sf 10,000 g + M/A 100 g 1714-24 & 1714-78	5-1/2 2460
Western State	4 G	14-19S-28E	12-26-58	F 200	3414	2563	1756	Sf 20,000 1756-76 & Sf 10,000 1818-28	4-1/2 2210
<u>RED HILL - YATES</u>									
Yates, S. P. Land Federal	4 P	29-19S-30E	9-24-58	T A	3282	1715			9-5/8 355
<u>RED LAKE - GRAYBURG-SAN ANDRES</u>									
Burnham Oil Brooks Federal	2 H	19-17S-28E	8- 6-58	T A	?	3309			7 1282
Carper-Sivley Empire Magruder Federal	12 K	35-17S-27E	5- 1-58	P 30	3632	2351	2140	Wf 32,400 2140-2204	8-5/8 513
Cowan & Shettle Jackson	1 M	7-18S-27E	12-14-58	F 110	3297	1744	991	Sf 40,000 + M/A 1000 g 978-1725	5-1/2 1744
Hudson, Mildred Crane Malco "B"	1 J	6-18S-27E	9-17-58	F 50	3410	1824	1775	Sf 10,000 g + M/A 250 g 1775-1806	4-1/2 1824
Vandagriff Federal	4 B	7-18S-27E	10- 1-58	F 3	3387	1824	1690	Sf 25,000 g + M/A 250 g 1690-1784	4-1/2 1824
Hudson, William Humble Federal	1 N	4-18S-27E	11-17-58	P 30	3564	2150	2017	Sf 35,000 g + R/A 250 g 2017-2114	5-1/2 2150
Kersey & Company Scannell	4 P	20-17S-28E	5-17-58	P 60	3609	1941	1907	Natural OH 1835-1941	5-1/2 1835
Kincaid & Watson Aztec Federal	1 G	15-17S-28E	8-22-58	F 50	3552	2000	1985	Sf 24,000 OH 1984-2000	5-1/2 1984

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>RED LAKE - GRAYBURG-SAN ANDRES (cont.)</u>									
Nearburg & Ingram Johnston X	1 L	7-18S-27E	8-19-58	F 36	3293	1810. PB 1772	990	Sf 10290 g + M/A 750 g 990-1670	5-1/2 1810
Red Lake Oil State "A"	22 H	22-17S-28E	12- 6-58	P & A	3585	2240			8-5/8 205
Yates, S. P. State "F"	2 F	15-17S-28E	12- 2-58	F 84	3541	2092 PB 2070	1956	Sf 30,000 g 1956-94, R/A 1000 g + 8800 Sf 2046-52	5-1/2 2072
<u>ROBINSON - GRAYBURG-SAN ANDRES</u>									
Geror Oil Corp. Royal State	1 N	2-17S-31E	8-23-58	P & A	3976	3763			8-5/8 415
<u>RUSSELL - YATES</u>									
Barnhill, William Connally Federal	1 L	26-20S-28E	9- 2-58	T A	3232	887			8-5/8 63
<u>SALADAR - YATES</u>									
Bunnel; Robert L. Coons-Federal	2 C	3-21S-27E	5-13-58	P & A	3197	715			8-5/8 195
<u>SHUGART - YATES-QUEEN</u>									
Boyd, Tom State 36	1 D	36-18S-31E	6-20-58	P 40	3660,	4100 PB 3962	3840	Sf 20,000 g 3840-58	5-1/2 4040
Keohane, Saunders, Welch & Iverson Hinkle "A"	10 F	35-18S-31E	5- 8-58	P 150	3638	3925 PB 3915	3812	Sf 24,780 g 3812-22 & Sf 23,100 g 3862-3909	7 3918
Hinkle "A"	11 G	34-18S-31E	8- 1-58	F 100	3634	3682 PB 3676	3520	Sf 30,000 g 3520-50	5-1/2 3682
Hinkle "A"	12 C	35-18S-31E	12-18-58	Swb 60	3645	4292 PB 4093	2698	Sf 29,904 g 2698-2774 & Sf 29,520 g 3801-77	7 4115
Hinkle "A"	13 A	34-18S-31E	11- 8-58	Swb 240	3643	4117		Sf 48,720 g 3822-50 & Sf 20,000 g 3880-90	7 4117
Hinkle "B"	3 P	27-18S-31E	2-26-58	P 100	3641	4012 PB 3801	3754	Sf 36,000 g 3754-64	7 3970
Welch, J. M. Hinkle "B" 35	2 B	35-18S-31E	2-27-58	F 100	3650	3885	3875	Sf 10,000 g OH 3875-85	7 3875
Welch, Thomas F. Keohane Federal	1 M	25-18S-31E	3- 3-58	P 34	3663	2960 PB 2911	2840	Sf 15,000 g 2840-58	7 2948
Keohane Federal	2 L	25-18S-31E	7-17-58	P 42	3665	4051 PB 3920	3712	Sf 84,000 g 3720-3885	5-1/2 4030
<u>SHUGART, NORTH - QUEEN</u>									
Collier, R. D. Ginsberg	1 O	8-18S-31E	1-21-58	P 17	3676	3406 PB 3290	3139	Sf 13,000 g + M/A 500 g 3139-49	5-1/2 388
Johnson, Bob Swearingen "A"	7 I	14-18S-31E	7-25-58	P 100	3723	3790 PB 3690	3483	Sf 28,350 g 3483-3510	7 3790
Kenwood Oil Shugart "A"	3 H	29-18S-31E	5-10-58	P 35	3621	4150 PB 4000	3522	Sf 20,000 g + R/A 500 g 3522-48	5-1/2 4150
Lang, Ralph Kincaid & Watson	1 D	17-18S-31E	9-15-58	P & A	3634	4000			5-1/2 3901

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH	
<u>SHUGART, NORTH - GRAYBURG</u>										
Malco Refineries, Inc. Erwin-Federal	1	P	9-18S-31E	3- 7-58	P 41	3705	4032	3929	Sf 10,000 g 3929-3989	5-1/2 4030
							PB 3995			
Ohio Oil Federal Johnson B ac/2	1	D	15-18S-31E	3- 1-58	P 31	3694	4210	3940	Sf 30,000 g + M/A 500 g 3940-4065	5-1/2 4208
							PB 4205			
Federal Johnson B ac/1	2	E	11-18S-31E	1-20-58	P, & A	3752	4200			9-5/8 822
<u>SHUGART - PENNSYLVANIAN, GAS</u>										
Pan American Petroleum Greenwood Unit	2	G	34-18S-31E	1-27-58	F 6640	3649	12,925	10,912	M/A 500 g & R/A 1000 g 10912-948	7 12,780
							PB 11,495			
<u>SHUGART - SILURO/DEVONIAN (Gas)</u>										
Pan American Petroleum Greenwood Unit	3	H	27-18S-31E	7-29-58	F 1200 MCF + 79 BO	3661	12,858	12,560		7 12,858
							PB 12,690			
<u>SQUARE LAKE - GRAYBURG-SAN ANDRES</u>										
Boyd, Tom Dodd "B"	5	P	11-17S-29E	10-24-58	Swb 40	3633	2625	2485	Sf 10,000 g + M/A 100 g 2485-2535	5-1/2 2485
							PB 2535			
Continental Oil State U-15	1	C	15-17S-29E	7-20-58	F 19	3580	2690	2381	Sf 5000 g 2592-98 & Sf 20,000 g 2381-2482	4-1/2 2690
State U-15	2	D	15-17S-29E	7-23-58	T A	3574	2619			4-1/2 2619
General American Oil of Texas Nunlee	4	A	35-16S-29E	6- 1-58	F 431	3687	2654	2614	Sf 35,112 OH 2610-54	5-1/2 2610
Nunlee	5	H	35-16S-29E	3- 4-58	F 160	3674	2636	2614	Sf 41,000 OH 2612-36	5-1/2 2612
Nunlee	6	I	35-16S-29E	5- 2-58	F 39	3668	2630	2603	Sf 43,176 OH 2603-30	5-1/2 2603
Kersey & Company Pan American	1	H	11-17S-29E	1-13-58	P & A	3643	2856			5-1/2 2700
							PB 2725			
Pan American	2	I	1-17S-29E	8-14-58	P 80	3681	2893	2592	Sf 9000 g 2592-98 + Sf 20,000 g 2625-40	5-1/2 2770
							PB 2770			
Nearburg & Ingram Drewery-Federal	1	C	6-17S-30E	10-28-58	F 288	3695	2912	2584	R/A 750 g + Sf 20,000 g 2584-2750	5-1/2 2900
							PB 2868			
Randel, O. H. Root Federal 1	1	F	1-17S-29E	1- 9-58	F 85	3678	2702	2535	M/A 500 g + Sf 15,000 g 2535-2693	5-1/2 2702
							PB 2695			
Root Federal 1	2	E	1-17S-29E	1-20-58	F 92	3668	2668	2502	M/A 500 g + Sf 15,000 g 2502-2654	5-1/2 2668
							PB 2665			
Root Federal 1	3	L	1-17S-29E	9-24-58	F 20	3664	2674	2630	M/A 100 g + Sf 25,000 g 2630-45	5-1/2 2674
Salsich, Neil E. Featherstone Federal	2	D	1-17S-29E	2-15-58	F 43	3670	2666	2496	M/A 250 g + Sf 20,000 g 2496-2646	4-1/2 2666
							PB 2664			
Featherstone Federal	3	B	1-17S-29E	4-29-58	F 47	3683	2725	2537	M/A 750 g + Sf 26,000 g 2537-2710	4-1/2 2725
							PB 2715			
Hollis State	4	I	36-16S-29E	7- 7-58	F 45	3692	2723	2528	M/A 250 g & Sf 2528-2708	4-1/2 2723
							PB 2720			
Leonard State	3	O	36-16S-29E	3-19-58	F 68	3680	2718	2531	M/A 200 g + Sf 25,000 g 2531-2701	4-1/2 2718
							PB 2714			
Leonard State	4	J	36-16S-29E	5-15-58	F 54	3694	2710	2519	M/A 500 g + Sf 20,000 g 2519-2694	4-1/2 2710
Leonard State	5	D	36-16S-29E	10- 5-58	F 52	3686	2670	2561	M/A 500 g + Sf 28,000 g 2461-2646	4-1/2 2670
							PB 2668			

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>SQUARE LAKE - GRAYBURG-SAN ANDRES (cont.)</u>									
Salsich, Neil E. Miley State	1 M	36-16S-29E	2- 1-58	F 88	3664	2669 PB 2660	2486	M/A 500 g + Sf 15,000 g 2486-2639	5-1/2 2666
State "AC"	1 H	2-17S-29E	2-15-58	46	3664	2645		M/A 500 g + Sf 20,000 2478-2630	4-1/2 2645
Shelton-Warren Oil Gulf State	2 E	3-17S-29E	8-28-58	F 100	3613	2469	2433	M/A 500 g + Sf 15,000 g 2433-39	4-1/2 2469
Shortes, V. M. Sinclair State	1 P	9-17S-29E	4-12-58	F 67	3562	2556	2548	Sf 17,000 g OH 2529-56	5-1/2 2537
Southwestern, Inc. DeKalb Federal	1 P	31-16S-30E	5- 6-58	F 187	3707	2834	2639	R/A 750 g + Sf 30,000 g 2639-2809	5-1/2 2834
DeKalb Federal	3 J	31-16S-30E	8-25-58	F 67	3703	2793 PB 2780	2603	M/A 250 g + Sf 20,000 g 2603-2773	5-1/2 2788
DeKalb Federal	4 I	31-16S-30E	10-14-58	F 56	3708	2840 PB 2828	2624	R/A 750 g + Sf 20,000 g 2624-2803	5-1/2 2840
Sunray Mid-Continent Oil Dodd "B"	14 N	10-17S-29E	2-12-58	F 241	3581	2476 PB 2420	2362	Sf 15,000 g 2362-2400	5-1/2 2442
Dodd "B"	15 O	10-17S-29E	5- 3-58	F 184	3589	2456 PB 2428	2392	Sf 15,000 g 2392-2427	5-1/2 2456
Dodd "B"	16 B	15-17S-29E	6-13-58	F 76	3591	2490 PB 2458	2407	Sf 15,000 g 2407-32	5-1/2 2485
Trigg, John H. Federal "E" 31	1 K	31-16S-30E	10-20-58	F 46	3708	2757	2735		5-1/2 2735
<u>TURKEY TRACK - QUEEN-GRAYBURG</u>									
McKee, Robert E. McKee-Featherstone	1 B	34-18S-29E	3-30-58	F 35	3429	2110	2097	Sf 32,000 g OH 2097-2110	5-1/2 2097
McKee-Featherstone	2 G	34-18S-29E	5-26-58	P 38	3426	2107	2099	Sf 26,000 g OH 2099-2107	5-1/2 2099
McKee Nix	2 D	34-18S-29E	2- 7-58	P & A	3442	2803			8-5/8 372
McKee-Roelofs	1 P	27-18S-29E	6-30-58	T A	3436	2138 PB 947			8-5/8 368
McKee Wilson	3 A	33-18S-29E	1- 1-58	P 50	3430	2073 PB 2066	2058	Sf 19,000 g + M/A 250 g OH 2057-73	5-1/2 2057
<u>TURKEY TRACK, EAST - QUEEN</u>									
Leonard Oil Keohane Federal	2 K	6-19S-30E	12-18-58	P & A	3403	2531			7 2061
<u>TURKEY TRACK, WEST - QUEEN</u>									
Nix & Curtis Sivley, T. J.	1 P	6-19S-29E	8- 8-58	P & A	3385	2715			8-5/8 504
<u>VANDAGRIFF - KEYES</u>									
Kersey & Company A. S. U.	1 A	10-17S-28E	9-24-58	F 828 MCF 24 BO	3633	1618	1515	Sf 42,420 g	5-1/2 1618
Kincaid & Watson Aztec State	1 P	33-16S-28E	5-16-58	F 923 MCF	3524	1465 PB 1344	1335	Wf 25,000 g 1332-44	5-1/2 1400
Southern Union Federal	3 O	34-16S-28E	11- 8-58	F 1745 MCF	3556	1967 PB 1812	1742	M/A 250 g + Wf 40,000 g 1742-60	5-1/2 1828
Southern Union Gas Federal	1 D	3-17S-28E	9- 1-58	F 35 BO	3534	1632	1374	Sf 40,000 g 1374-1414	5-1/2 1483
<u>WELCH - DELAWARE</u>									
El Paso Natural Gas Welch Unit	3 M	16-26S-27E	2-24-58	P 60 BO	?	2236 PB 2214	2137	M/A 200 g + Sf 4000 g 2137-47	5-1/2 2233

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
WELCH - DELAWARE (cont.)									
El Paso Natural Gas Welch Unit	4 A	20-26S-27E	3-24-58	P 35	3258	2160	2095	Sf 2000 g 2095-2115	5-1/2 2160
						PB 2140			
Welch Unit	5 C	21-26S-27E	4-23-58	P 41	3229	2175	2110	Sf 4000 g 2110-2124	5-1/2 2175
						PB 2155			
Welch Unit	6 H	17-26S-27E	10-15-58	P & A	3331	2300			
WILDCATS									
Alamo Corp. Poker Lake	5 M	10-25S-30E	5-14-58	P & A	3285	3943			5-1/2 2670
Poker Lake	6 A	21-25S-30E	5- 1-58	P & A	3253	3930			12-3/4 714
Poker Lake	7 D	28-25S-31E	10-31-58	P & A	3346	4335			8-5/8 1367
Poker Lake	8 D	27-25S-30E	9-19-58	P & A	3259	3950			8-5/8 534
Poker Lake	9 P	23-25S-30E	10-12-58	P & A	3319	4067			8-5/8 565
Bennett, J. Glen Ashland	1 K	22-26S-29E	8- 6-58	P & A	2896	3050			10-3/8 352
Ashland Federal	1 M	6-26S-29E	1-19-58	P & A	2893	2800			10 198
Federal 27	1 M	27-25S-29E	11-13-58	P & A	2990	3151			8-5/8 1427
Sinclair	1 D	26-26S-28E	6-27-58	P & A	2932	2620			8-5/8 201
Superior 3	1 A	3-25S-29E	5-16-58	P & A	?	3305			8-5/8 1430
Superior Federal 8	1 E	8-25S-29E	7-27-58	P & A	2921	2843			8-5/8 1581
Cactus Drilling McRae State	1 F	26-23S-27E	7- 9-58	P & A	3141	2570			10-3/4 290
Campbell, E. P. Estill Federal	1 N	28-24S-26E	8-30-58	P & A	3341	2125			5-1/2 1800
Lee Federal	1 A	17-24S-26E	11- 4-58	P & A	3450	1920			7-5/8 1582
Chambers, Kennedy & Ritchie Lockwood-Federal	1 A	35-25S-27E	7-14-58	P & A	3103	2414			8-5/8 1175
Snowden	1 A	28-25S-27E	11-22-58	P & A	3120	2318			
Chapman & Thorn State	1 K	1-24S-27E	3-24-58	P 14 BO	3136	2455	2455	Natural OH 2449-54	5-1/2 2454
State 2	1 H	2-24S-27E	5-12-58	P & A	3150	2550			7 1372
Cree Oil Ashland Federal	1 M	26-25S-26E	11-16-58	P & A	3325	2110			8-5/8 118
Gulf Federal	1 A	11-25S-26E	11-23-58	P & A	3357	2215			8-5/8 265
Union Parks	1 M	9-25S-26E	12-28-58	P & A	3359	2035			8-5/8 142
Donnelly Drilling Honolulu "A"	1 L	34-19S-29E	11- 8-58	P & A	3315	1591			8-5/8 250
Ellis, Leoland C. Federal	1 M	15-20S-29E	1-27-58	P & A	3287	1748			7 457
General American Oil of Texas Farmer	1 I	1-16S-29E	7-29-58	P & A	3782	3425			8-5/8 1919
Gulf Oil Corp. Federal Keohane K	1 L	26-26S-29E	9-19-58	P & A	2877	2989			5-1/2 2968
Littlefield "AB"	1 M	22-18S-31E	12- 2-58	F 382 BO	3657	12,985	4970	Sf 8000 g 4970-5010	7 11,879
						PB 5032			
Hankamer, Curtis Gulf Federal	1 K	13-26S-29E	11-18-58	T A	2992	3279			4-1/2 3279
Gulf Federal	1 N	13-26S-29E	12-10-58	F 37 BO	2976	3266	3210	Sf 1000 g + M/A 250 g 3210-16	4-1/2 3266
						PB 3233			
Hanson, Ernest A. Phillips State	1 D	18-26S-28E	10- 6-58	P & A	3132	2469			8-5/8 230
Harroun, D. S. Leeman	2 J	19-26S-24E	8-19-58	P & A	3715	618			7 473

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>WILDCATS (cont.)</u>									
Harroun, D. S. Mayes, Thurman	1 E	15-26S-24E	2- 5-58	T A	3744	767			
Kelly, John M. Esther Federal	1 P	30-25S-25E	11-29-58	P & A	3705	1432			8-5/8 115
State "EP"	1 P	2-26S-26E	12-24-58	P & A	3287	2057			8-5/8 93
Kincaid & Watson Southern Union Federal	4 G	34-16S-28E	11- 6-58	F 60 BO	3598	1513	1460	Sf24,000 g OH 1477-1513	7 1477
Krug & Brown Nada Federal	1 H	14-25S-28E	11-15-58	P & A	2947	3170			5-1/2 2908
Miller, Charles P. Pauley-Harrison State	1 M	36-23S-31E	10-20-58	P & A	3924	4584			8-5/8 250
Murphy-Dyer Drilling Marks	1 D	1-23S-28E	11- 1-58	P & A	3065	2892			5-1/2 2892
Nearburg & Ingram Van Hook	1 I	30-19S-25E	11-23-58	P & A	3547	6245			8-5/8 1214
O'Neill, Joseph I., Jr. Federal "D"	2 P	12-24S-26E	9-30-58	3600 MCF	3261	11,920 PB 11,890	11,566	Wf 20,000 g 12,000 acid 11,566-11,864	5-1/2 11,919
Shell Oil Big Eddy Unit	1 C	36-21S-28E	9-24-58	P & A	?	14,059			5-1/2 11,698
James Ranch Unit	1 O	36-22S-30E	3- 1-58	9000 MCF + 104 BO	3226	17,555 PB 12,993	12,920	Natural 12920-929	5-1/2 14,927
Texas Pacific Coal & Oil Grayburg Deep Unit	1 D	23-17S-29E	8-26-58	P & A	3612	12,260 PB 3329			9-5/8 2744
Union Oil of Calif Crawford, A. J.	2 J	27-24S-26E	10-16-58	T A	3315	5653			13-3/8 383
Wagner, Edward Jacobs Federal	1 M	31-20S-30E	6-16-58	P & A	3403	1818			8-5/8 660
Weaver, W. J. Continental Federal	1 A	17-24S-31E	10-16-58	P & A	3556	4505			8-5/8 1191
Sinclair State of N. M.	1 P	16-26S-30E	8-26-58	P & A	3076	3580			8-5/8 1846
Western Drilling Lakewood	1 I	34-19S-25E	4- 9-58	P & A	3536	899			5-1/2 817
White, E. F., Jr. Ellis Federal X	1 L	29-24S-29E	8-26-58	P & A	2926	2947			7 1833
Wills, Neil H., et al. Bunnell Federal	1 P	26-20S-26E	1- 8-58	P & A	?	2330			7 1847
Martin & Pardue	1 L	2-23S-28E	11-30-58	P & A	3010	2730			8-5/8 347
Pardue, C. P.	1 K	11-23S-28E	11-17-58	P & A	2986	2780			8-5/8 388
State	1 E	26-24S-28E	7- 1-58	P & A	2964	2671			8-5/8 1513
Yates, Harvey E. Yates State	1 G	32-18S-30E	11-28-58	P 40 BO	3422	4520 PB 4050	3834	R/A 500 g + Wf 10,000 g 3834-3954 & R/A 1000 g 4034-4040	5-1/2 4064
Yates Brothers Scout Federal	1 G	34-18S-25E	6-16-58	T A	3495	2800 PB 1166			7 1437



<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>GUADALUPE COUNTY</u>									
<u>WILDCATS</u>									
Cities Service Driggers	1 G	22-11N-21E	5-22-58	P & A	5091	4581			9-5/8 2275
General Crude Oil State 1	1 D	2- 8N-23E	2- 3-58	P & A	4997.6	7103			13-3/8 552
Wilke, A. S. 14	1 B	14-10N-24E	11-27-58	P & A	4790	6980			9-5/8 418
Riley, George, Drilling Spires	1 G	15-10N-22E	6-19-58	P & A	4939	1418			
Spires	2 G	26-10N-22E	7- 1-58	P & A	4955	1651			
<u>HIDALGO COUNTY</u>									
<u>WILDCATS</u>									
Humble Oil & Refining State BA	1 B	25-32S-16W	12-24-58	P & A	4575	14,585			8-5/8 5346
<u>LEA COUNTY</u>									
<u>ALLISON - PENNSYLVANIAN</u>									
Cactus Drilling Sunray State "A"	1 B	2- 9S-36E	8-18-58	F 430	4065	9840 PB 9810	9668	M/A 500 g 9668-78	5-1/2 9840
Trice Prod. Merrell	1 H	10- 9S-36E	11- 3-58	?	4070	9855		Natural 9793-9825	5-1/2 9855
<u>ANDERSON RANCH - DEVONIAN</u>									
Magnolia Petroleum New Mexico "S"	1 B	2-16S-32E	1- 3-58	F 319	4297	13,420 PB 13,418	13,412	R/A 3500 g 13413-416	7-5/8 10,425
<u>ANDERSON RANCH - WOLFCAMP-DEVONIAN</u> (Oil-Oil, Dual)									
Gulf Oil Corp. Lea St. "R" NCT-A	1 A	2-16S-32E	2-27-58	F 456 F 135	4314	13,420	13,391 9828	R/A 800 g OH 13,391-420 Perfs: 9828-62	9-5/8 4174
<u>ARKANSAS JUNCTION - DEVONIAN</u>									
Texas Pacific Coal & Oil & The Pure Oil State N. M. "W"	1 D	28-18S-36E	7-14-58	P 75	3834	12,245 PB 12,190	12,140	M/A 500 g 12140-186 R/A 5000 g 12140-186	5-1/2 12,245
State N. M. "Y"	1 B	29-18S-36E	11-18-58	P & A	3838	12,214			9-5/8 4759
<u>BAGLEY - PENNSYLVANIAN</u> (Oil-Oil, Dual)									
Amerada Petroleum Corp. State BTM	2 H	33-11S-33E	8-15-58	F 331	4279	9920 PB 9912	9886	R/A 500 g 9886-96	7 9919
				F 2500 MCF			8626	R/A 1000 g 8626-78	
<u>BELL LAKE - PENNSYLVANIAN</u>									
Continental Oil Bell Lake Unit	5 G	1-24S-33E	11-4-58	7400 MCF	3656	16,100 PB 15,475	14,417	M/A 1000 g 14417-454	7 15,560

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE</u>	<u>DEPTH</u>
<u>BLINEBRY - DRINKARD</u> (Oil-Oil, Dual)										
Aztec Oil & Gas State BD-36	1 J	36-22S-37E	5-21-58	F 49	3316	7080 PB 6936	6654	R/A 17,000 g 6654-6880	8-5/8	2854
			6-12-58	F 80			5470	R/A 3,000 g Af 15,000 g 5470-5616		
<u>BLINEBRY - DRINKARD</u> (Gas-Gas, Dual)										
Gulf Oil Corp. Scarborough Estate	3 I	31-22S-38E	3-23-58	F 2876	3360	7100 PB 7094	5464	Sf 40,000 g 5464-5620	7	7099
			4-29-58	F 1500 + 15 BO			6896	R/A 12,000 g 6896-7074		
<u>BLINEBRY - TUBB</u> (Oil-Oil, Dual)										
Olsen, R. Sarkey	2 D	25-21S-37E	10-26-57	F 52	3401	6336 PB 6315	6180	M/A 500 g, R/A 9000 g 6180-6315	7	5798
			2-15-58	F 37			5560	M/A 1000 g, R/A 10,500 g 5560-5800		
<u>BLINEBRY - TUBB</u> (Oil-Gas, Dual)										
Gulf Oil Corp. Paddock, Alice	5 B	1-22S-37E	9-15-57	F 8400 MCF	3366	6710 PB 6324	6154	R/A 1100 g, Sf 30,000 g 6154-6249	5-1/2	6350
			1-20-58	F 25 BO			5517	R/A 1300 g & Sf 35,000 g 5517-5828		
Texas Company Blinebry Federal NCT-3	1 D	31-22S-38E	9-14-58	F 170 BO	3321	6155 PB 6153	5440	R/A 1000 & Sf 10,000 g 5440-5610	7	6155
				F 11800 MCF			6022			
<u>BLINEBRY - TUBB</u> (Gas-Gas, Dual)										
Gulf Oil Corp. Scarborough Estate	4 F	31-22S-38E	12-22-58	F 3400	3331	7085 PB 7078	5940	M/A 500 g & Sf 40,000 g 5940-6205	5-1/2	7083
				F 3400			5395	M/A 500 g & Sf 40,000 g 5395-5506		
<u>BRONCO - WOLFCAMP</u>										
Operators Service Co. Lipscomb Estate	1 D	2-13S-38E	12- 4-58	P 61	3808	9114	9055	M/A 1000 & R/A 10,000 9055-9085	8-5/8	4552
Texas Company Harris, H. H.	1 N	35-12S-38E	6-16-58	F 192	3805	9200 PB 9198	9040	M/A 500 g & R/A 1000 g 9040-75	5-1/2	9200
<u>CAPROCK - QUEEN</u>										
Carper Drilling Carper Superior "C"	2 I	19-13S-32E	2-19-58	P 48	4368	3095 PB 3089	3062	M/A 250 g 3062½-71½	4-1/2	3095
Chambers & Kennedy State "A"	1 D	29-13S-32E	4- 1-58	P 48	4363	3058	3050	Sf 10,000 OH 3050-58	5-1/2	3050
Graridge Corp. Malco State "A"	9 G	31-12S-32E	1-24-58	P 109	4396	3030	3014	Natural OH 3014-30	5-1/2	3014

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>CAPROCK - QUEEN (cont.)</u>									
Intex Oil State 29	1	F 29-12S-32E	3-18-58	P & A	4382	3032			8-5/8 346
Lask, R. L., Jr. Amerada State	1	C 31-13S-32E	2-10-58	P & A	4380	3085			8-5/8 156
<u>CARTER, SOUTH - SAN ANDRES</u>									
Great Western Drilling Johnson, Sylvester	2	C 8-18S-39E	4-22-58	Swb 132	3636	5233	5115	Natural OH 5118-5233	5-1/2 5118
Johnson, Sylvester	3	D 8-18S-39E	9-16-58	Swb 101	3651	5235	5108	Natural OH 5108-5235	5-1/2 5108
Heath-Humbard & Long Carter "A"	1	A 7-18S-39E	9-18-58	P 146	3652	5198	5075	R/A 14,000 g OH 5075-5198	5-1/2 5075
Johnson "A"	1	P 6-18S-39E	8-13-58	P 123	3657	5230 PB 5228	5155	R/A 14,000 g OH 5111-5230	5-1/2 5111
McPherson, R. G. Johnson, S. P.	1	L 5-18S-39E	1-15-58	P 240	3654	5245	5143	M/A 500 g OH 5142-5245 and 5,000 R/A	7 5142
Johnson, S. P.	2	M 5-18S-39E	4-11-58	Swb 175	3659	5249 PB 5235	5097	R/A 4,000 OH 5097-5235	5-1/2 4097
Johnson, S. P.	3	I 6-18S-39E	11-25-58	T A	3658	5201			5-1/2 5124
<u>CORBIN, SOUTH - QUEEN</u>									
Hudson Partnership, William A. & Edward R. Iverson Federal	2	I 29-18S-33E	3- 5-58	P & A	3773	4510			8-5/8 1368
<u>CROSBY - DEVONIAN</u>									
El Paso Natural Gas Gregory Federal	3	J 33-25S-37E	7-10-58	87 MCF	3013	8285 PB 8219	8142	R/A 10,000 g	7 8282
Gregory Federal	4	K 33-25S-37E	1-23-58	20750 MCF	3008	8461 PB 8412	8316	R/A 10,000 g 8316-72	5-1/2 8460
Pan American Petroleum USA Farnsworth "C" Fed. 6	6	A 4-26S-37E	12-16-58	5500 MCF	3006	8670 PB 8640	8490	R/A 10,000 g 8490-8550	5-1/2 8670
<u>CROSSROADS - SLAUGHTER</u>									
Magnolia Petroleum State Phillips	1	L 32- 9S-36E	3-12-58	P & A	4060	4955 PB 4920			5-1/2 4955
Murchison & Mallory Flake, T. E.	1	C 20- 9S-36E	4- 7-58	T A	4078	4940 PB 4826			5-1/2 4940
<u>CROSSROADS - SILURO/DEVONIAN</u>									
Magnolia Petroleum Santa Fe Pacific "G"	1	E 35- 9S-36E	10- 6-58	F 343	4016	12,200	12,150	M/A 500 g OH 12190-200	7-5/8 4985
Oil Development of Texas Santa Fe Pacific 22	3	K 22- 9S-36E	5- 9-58	F 348	4044	12,277 PB 12,262	12,220	M/A 500 g 12220-232	5-1/2 12,276
Texas Company Sawyer, U. D.	1	A 34- 9S-36E	2-17-58	F 1795	4034	12,187 PB 12,183	12,126	M/A 500 g 12126-150	5-1/2 12,187
<u>CROSSROADS, EAST - DEVONIAN</u>									
Oil Development of Texas Santa Fe Pacific 19	1	N 19- 9S-37E	1-24-58	F 312	4012	12,233	12,225	M/A 40 g OH 12225-233	5-1/2 12,225

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>CROSSROADS, WEST - SAN ANDRES</u>									
Markham, Jack Magnolia-Glenn	1 M	21- 9S-35E	3-25-58	P 19	4159	4948 PB 4875	4804	R/A 5000 g 4804-19, R/A 12,000 g 4831-68	5-1/2 4947
<u>DEAN - PERMO/PENNSYLVANIAN</u>									
Carlton Beal & Assoc. State	1 D	4-16S-37E	2-11-58	P & A	?	11,656			5-1/2 11,656
Cities Service Oil State "AW"	4 I	35-15S-36E	6-24-58	P 158	3863	11,595 PB 11,594	10,685	M/A 1000 g + R/A 6500 g 10685-694, M/A 500 g + R/A 5000 g 11518-537	5-1/2 11,595
<u>DENTON - DEVONIAN</u>									
Shell Oil Priest, A. R.	8 F	1-15S-37E	11- 8-58	P 174	3808	12,672	12,521	M/A 500 g OH 12521-672	5-1/2 12,251
<u>DICKINSON - DEVONIAN</u>									
Gulf Oil Corp. Cryer, O. L.	1 N	34-10S-36E	5-12-58	F 1736	4021	13,348 PB 12,344	12,315	M/A 500 g 12315-323	5-1/2 12,370
<u>DOLLARHIDE - DRINKARD</u>									
Humble Oil & Refining Federal Knox	2 M	18-24S-38E	6- 8-58	P & A	3183	6800			5-1/2 6800
Lowe, Ralph Hair	2 C	30-24S-38E	6-12-58	P 105	3156	6910 PB 6909	6614	R/A 10,000 g 6614-6710	5-1/2 6910
<u>ECHOL, NORTH - DEVONIAN</u>									
Tennessee Gas Transmission State Texas "A"	1 J	17-10S-37E	10-29-58	P & A	3976	12,726			9-5/8 4298
<u>ECHOL, EAST - DEVONIAN</u>									
Amerada Petroleum Corp. State E "C"	3 G	16-11S-38E	10- 9-58	F 380	?	12,135	12,114	R/A 500 g 12114-135	5-1/2 12,114
Cities Service Oil State BE	2 E	16-11S-38E	12- 9-58	P 250	3916	12,084 PB 12,082	12,045	R/A 1000 g 12045-082	5-1/2 12,084
Cone, Gordon M. State 16	1 F	16-11S-38E	1-20-58	F 264	3919	12,102	12,028	Natural 12028-090	5-1/2 12,102
<u>E. K. - QUEEN</u>									
Finch, Owen C. Gulf Federal	1 E	30-18S-34E	4-22-58	P 8	3917	4730 PB 4728	4697	R/A 500 g + Sf 20,000 g 4697-4709	5-1/2 4730
Sivley, T. J. Sivley Federal 24	7 O	24-18S-33E	3-21-58	P & A	3917	4659 PB 4637			5-1/2 4657
Trigg, John H. Federal T 13	15 D	13-18S-33E	6-25-58	T A	3980	4342			8-5/8 1624
<u>EUMONT OIL</u>									
Amerada Petroleum Corp. State WE "I"	1 O	32-20S-36E	1- 1-58	F 150	3635	3994 PB 3946	3917	M/A 500 g + Sf 20,000 g 3917-38	5-1/2 3994

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>EUMONT OIL (cont.)</u>									
Bennett, Byard Williams, D. A.	1 M	23-19S-37E	6-23-58	P & A	?	3907			8-5/8 304
Charm Oil Coll "B"	1 N	33-20S-36E	10-30-58	F 50	3613	3898	3830	Wf 20,000 g 3830-84	5-1/2 3898
Cities Service Oil State "AR"	2 N	2-20S-37E	1-22-58	F 11	3612	3835 PB 3832	3738	M/A 500 g + Sf 20,000 g 3738-78, M/A 500 g + Sf 20,000 g 3780-3828	5-1/2 3835
Continental Oil Argo-Leonard Oil	1 K	10-20S-36E	1- 4-58	P 8	3595	4030	3838	R/A 1000 g + Sf 16,000 g 3838-3962	5-1/2 4030
Reed A-3 Federal	15 J	3-20S-36E	5- 1-58	F 40	3622	4000	3732	Sf 21,000 3732-3951	5-1/2 4000
Gulf Oil Corp. Janda, J. F. "B"	5 I	32-21S-36E	4- 7-58	F 91	3595	3920 PB 3917	3739	R/A 500 g + Sf 50,000 g 3739-3864, R/A 500 g + Sf 15,000 g 3874-3914	
Leonard, Harry, "A"	8 O	22-21S-36E	8-19-58	F 41	3577	3920 PB 3916	3782	M/A 500 g + Sf 50,000 g 3808-98	5-1/2 3920
Ramsay, William A., "A" 37	H	27-21S-36E	5-12-58	F 93	3564	3900 PB 3865	3746	M/A 500 g + Sf 40,000 g 3746-3862	5-1/2 3900
Ramsay, W. A. (NCT-A) 39	I	27-21S-36E	5-27-58	F 212	3545	3920 PB 3915	3793	R/A 500 g + Sf 20,000 g 3793-3869	5-1/2 3920
Ramsay, William A. "A" 40	A	27-21S-36E	7- 1-58	F 63	3560	3920 PB 3915	3738	R/A 500 g + Sf 3738-3910	5-1/2 3919
Ramsay, William A. "A" 41	G	27-21S-36E	8-28-58	P 33	3550	3900 PB 3896	3757	M/A 1000 g + Sf 40,000 g 3757-3890	5-1/2 3900
Ramsay, William A. "A" 42	B	27-21S-36E	6-21-58	F 170	3568	3900 PB 3897	3769	M/A 500 g + Sf 43,638 g 3769-3893	5-1/2 3899
Ramsay, William A. "A" 43	C	27-21S-36E	8-12-58	F 52	3560	3900 PB 3896	3765	M/A 500 g + Sf 50,000 g 3763-3883	5-1/2 3899
Ramsay, William A. "A" 44	D	27-21S-36E	11- 8-58	F 32	3564	3900 PB 3896	3764	M/A 500 g + R/A 500 g + Sf 110,000 g 3764-3888	5-1/2 3899
Ramsay, William A. "A" 45	K	27-21S-36E	7-29-58	F 135	3562	3900 PB 3896	3764	R/A 500 g + Sf 60,000 g 3764-3879	5-1/2 3899
Humble Oil & Refining New Mexico St. "AG"	6 C	1-20S-37E	4- 5-58	F 133	3603	3950 PB 3915	3822	M/A 500 g + Sf 15,000 g 3822-92	5-1/2 2950
New Mexico St. "G"	10 L	26-21S-36E	1-25-58	F 43	3545	3900 PB 3862	3730	R/A 500 g + Sf 20,000 g 3730-3832	4-1/2 3900
New Mexico St. "G"	11 E	26-21S-36E	2- 9-58	F 85	3554	3890 PB 3856	3832	R/A 500 g + Sf 15,000 g 3832-51	4-1/2 3890
New Mexico St. "G"	12 K	26-21S-36E	3-13-58	F 192	3534	3900 PB 3865	3814	R/A 500 g + Sf 15,000 g 3814-34	4-1/2 3900
New Mexico St. "G"	13 D	26-21S-36E	3-26-58	F 45	3561	3890 PB 3858	3825	R/A 500 g + Sf 15,000 g 3825-48	5-1/2 3890
New Mexico St. "G"	14 F	26-21S-36E	4-23-58	F 42	3540	3892 PB 3861	3808	R/A 500 g + Sf 15,000 g 3808-27	5-1/2 3892
New Mexico St. "G"	15 J	26-21S-36E	5-19-58	F 135	3552	3870 PB 3840	3804	R/A 500 g + Sf 15,000 g 3804-22	4-1/2 3870
New Mexico St. "G"	16 C	26-21S-36E	6- 1-58	F 83	3565	3880 PB 3855	3811	R/A 500 g + Sf 15,000 g 3811-29	4-1/2 3880
New Mexico St. "G"	17 N	23-21S-36E	11-28-58	F 98	3569	3890 PB 3854	3818	R/A 500 g + Sf 10,200 g 3818-38	5-1/2 3890
New Mexico St. "G"	18 B	26-21S-36E	12-31-58	F 20	3564	3890 PB 3852	3804	Sf 21,000 g 3804-19	5-1/2 3889
Moran, R. M. Union Simms State	1 D	30-20S-36E	8-14-58	P & A	3661	4193 PB 4038			5-1/2 4193
Martin, Williams & Judson State	1 I	1-19S-36E	7-17-58	F 57	3727	4040	3898	R/A 1000 g + Sf 20,000 g 3898-3980	5-1/2 4040

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>EUMONT OIL (cont.)</u>									
Martin, Williams & Judson State "A"	1 P	1-19S-36E	12- 6-58	F 55	3740	4057 PB 4016	3918	M/A 1000 g + Sf 20,000 g 3918-4004	5-1/2 4054
Pan American Petroleum Corp. State "B"	1 H	1-19S-36E	3-24-58	F 36	3740	4054 PB 4030	3930	M/A 500 g + Sf 40,000 g 3930-4010	5-1/2 4054
State "B"	2 A	1-19S-36E	5-27-58	P 22	3744	4050 PB 4048	3992	R/A 1000 g + Sf 3992-4047	5-1/2 4050
Resler & Sheldon Wilson State "B"	1 C	3-21S-35E	7-14-58	F 40	3609	3892	3814	Sf 25,000 g 3814-73	5-1/2 3892
Wilson State "B"	2 F	3-21S-35E	8- 9-58	F 100	3609	3896	3818	Wf 15,000 g 3818-28 and Wf 12,000 g 3850-74	4-1/2 3896
Wilson State "B"	3 E	3-21S-35E	12-23-58	P 25	3614	3915 PB 3910	3849	Wf 20,000 g 3849-57 & 3882-84	5-1/2 3915
Schermerhorn Oil Corp. Weir, Mary B.	2 B	1-20S-37E	7- 8-58	F 110	3607	3920	3794	R/A 1000 g + Sf 20,000 g 3794-3876	5-1/2 3920
Texas Company State N. M. "CE" NCT-1	2 F	6-19S-37E	3- 4-58	F 40	3740	3989 PB 3985	3924	R/A 500 g + Sf 20,000 g 3924-48	4-1/2 3989
Wilson Oil Amerada State "C"	1 X	3-21S-35E	12-19-58	P & A	3578	3880			8-5/8 268
<u>EUMONT GAS</u>									
Continental Oil S. E. M. U. Eumont	68 J	23-20S-37E	10-29-58	9700 MCF	3534	3782	3442	R/A 1000 g + 15,000 g Sf 3442-3699	5-1/2 3782
State C-30	5 C	30-19S-37E	11- 5-58	1700 MCF	3670	3700	3310	Sf 30,000 g 3312-3630	5-1/2 3700
Ohio Oil St. McDonald ac/2	26 J	13-22S-36E	2-21-58	642 MCF	3479	3705 PB 3462	3186	M/A 500 g + Sf 20,000 g 3186-3286, & M/A 500 g + Sf 20,000 g 3360-3440	5-1/2 3704
<u>EUMONT-EUMONT (Gas-Oil, Dual)</u>									
Continental Oil Lockhart B-28 Federal	6 A	28-21S-36E	7-20-58	F 82 BO	3574	3950	3826	M/A 500 g + Sf 13,840 g 3826-3900	5-1/2 3950
				51,000 MCF			3123	R/A 2000 g + Sf 20,000 g 3123-3674	
<u>EUNICE - MONUMENT</u>									
Byrom, W. K. Cooper, J. W., "C"	2 B	3-20S-37E	7-29-58	F 43	3571	3904	3798	R/A 500 g + Sf 10,000 g 3798-3846	5-1/2 3904
Cooper, J. W., "D"	1 G	3-20S-37E	11-17-58	F 47	3569	3900	3822	M/A 500 g + Sf 10,000 g 3822-68	5-1/2 3900
Williams, J. H.	1 P	34-19S-37E	7-11-58	F 37	3577	4000 PB 3900	3818	M/A 500 g + Sf 10,000 g 3818-70	5-1/2 4000
Williams, J. H. "A"	1 N	34-19S-37E	11-15-58	F 50	3570	3900	3794	M/A 250 g + Sf 20,000 g 3794-3858	5-1/2 3900
Kelly, John M. Conoco State	1 J	7-19S-37E	3- 1-58	F 24	3717	4095 PB 4082	3954	M/A 1,500 g + Sf 15,500 3954-4070	5-1/2 4086
Trainer, C. W. Snyder	1 A	29-19S-36E	8-27-58	P & A	?	5003			
Tres Oil Williams "A"	2 J	33-19S-37E	8-18-58	F 45	3572	3899	3802	R/A 8000 g + Sf 20,000 g OH 3802-3899	5-1/2 3802

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>EUNICE - MONUMENT (cont.)</u>									
Vem Oil State "A" 20 X	2 J	20-20S-37E	11-28-58	P 25	3522	3836 PB 3799	3686	R/A 3000 g + Wf 5500 g + Af 10,000 g 3686-3762 & R/A 1000 g 3768-74	4-1/2 3836
<u>EUNICE, SOUTH</u>									
Atlantic Refining Selby, J. L.	2 F	33-22S-36E	5-20-58	F 197	3496	3800 PB 3775	3634	Sf 25,000 g 3636-3760	4-1/2 3800
Selby, J. L.	3 C	33-22S-36E	10-26-58	F 201	3486	3810 PB 3791	3644	Sf 20,000 g 3644-3762	4-1/2 3800
Blankenship Oil Pech State	3 L	32-21S-36E	1-23-58	F 50	3626	3930 PB 3928	3800	M/A 500 g 3812-72	5-1/2 3930
Continental Oil Meyer B-33 Federal	7 K	33-22S-36E	2- 7-58	F 204	3487	3775	3627	R/A 2000 g + Sf 24,000 g 3627-3758	
Meyer B-33 Federal	8 N	33-22S-36E	3- 7-58	F 219	3487	3775	3650	R/A 1000 g + Sf 24,000 g 3650-3736	5-1/2 3775
State A-35 "A"	1 P	35-22S-36E	5-24-58	F 378	3471	3802	3652	R/A 1500 g + Sf 15,000 g 3652-3743	5-1/2 3802
State A-35 "A"	2 O	35-22S-36E	9-14-58	F 224	3475	3780	3678	R/A 15,000 g + Sf 15000 g 3678-3747	5-1/2 3780
Gackle, Albert Esmond, H. E.	4 G	33-22S-36E	10- 7-58	F 180	3475	4005 PB 3918	3616	M/A 750 g + Sf 12,500 g 3616-3736 & 3676-3852	5-1/2 4005
Jones, Rodman	2 L	35-22S-36E	7- 2-58	F 360	3503	4010 PB 4000	3712	M/A 250 g + Sf 5000 g 3712-18 & M/A 500 g + Sf 10,000 g 3758-72	5-1/2 4010
Jones, Rodman	3 K	35-22S-36E	8- 7-58	F 336	3499	4024 PB 4000	3684	R/A 500 g + Sf 10,000 g 3684-3700 & R/A 500 g + Sf 10,000 g 3724-62	5-1/2 4024
Jones, Rodman	4 M	35-22S-36E	9- 5-58	F 480	3505	4010 PB 3988	3692	M/A 250 g + Sf 6000 g 3692-3722 & M/A 250 g + Sf 14,000 g 3754-3800	5-1/2 4010
Gulf Oil Corp. Janda, J. F. "F"	15 I	4-22S-36E	7- 8-58	P 35	3587	3875 PB 3873	3773	R/A 250 g + Sf 50,000 g 3773-3871	5-1/2 3874
Leonard, Harry, "D"	7 E	3-22S-36E	2-13-58	F 84	3577	3850 PB 3844	3746	M/A 250 g + Sf 20,000 g 3746-3836	5-1/2 3850
Leonard, Harry, "D"	8 M	3-22S-36E	4-20-58	F 85	3586	3860 PB 3856	3763	M/A 750 g + Sf 40,000 g 3763-3856	5-1/2 3860
Leonard, Harry, "D"	9 D	3-22S-36E	5-12-58	F 93	3566	3885 PB 3880	3790	M/A 250 g + Sf 3790-3846	5-1/2 3885
Leonard, Harry, "D"	10 F	3-22S-36E	6-16-58	F 131	3570	3900 PB 3897	3728	M/A 500 g + Sf 40,000 g 3728-3896	5-1/2 3900
Ramsay, Arnott, "D"	10 O	33-21S-36E	1- 6-58	F 332	3575	3880 PB 3874	3764	R/A 500 g + Sf 18,000 g 3764-3819	5-1/2 3880
Ramsay, Arnott, "D"	11 P	33-21S-36E	9-24-58	F 8	3573	3880 PB 3848	3730	R/A 500 g + Sf 24,000 g 3730-3828	5-1/2 3875
Ramsay, Arnott, "D"	12 J	33-21S-36E	5-14-58	F 155	3579	3900 PB 3895	3778	M/A 500 g + Sf 40,000 g 3778-3892	5-1/2 3900
Ramsay, W. A., "A"	36 N	34-21S-36E	1- 1-58	F 192	3559	3860 PB 3856	3750	R/A 250 g + Sf 20,000 g 3750-3836	
Ramsay, W. A., "A"	38 L	34-21S-36E	5- 7-58	F 69	3580	3900 PB 3898	3771	R/A 500 g + Sf 35,000 g 3771-3885	5-1/2 3900
Jal Oil Christmas, B. A.	6 L	28-22S-36E	9-14-58	F 37	3511	3809 PB 3776	3620	Sf 10,000 g 3620-3736	5-1/2 3804
Christmas, B. A.	7 K	28-22S-36E	10-28-58	F 42	3504	3817 PB 3803	3652	Sf 20,000 g 3652-3756	9-5/8 297
Christmas, B. A.	8 M	28-22S-36E	12-14-58	F 178	3502	3858 PB 3840	3589	Sf 22,000 g 3589-3799	5-1/2 3845

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>EUNICE, SOUTH (cont.)</u>									
Lutah Uranium & Oil, Inc. Shell State	1 N	32-21S-36E	6- 7-58	F 120	3619	3905 PB 3887	3812	R/A 500 g + Sf 20,000 g 3812-3886	5-1/2 3900
Ohio Oil									
St. McDonald Ac/1 "B"	5 A	35-22S-36E	2- 7-58	F 66.42	3484	3795 PB 3791	3692	M/A 500 g + Sf 10,000 g 3692-3748	5-1/2 3793
St. McDonald Ac/1 "B"	6 H	35-22S-36E	1- 6-58	F 179.84	3484	3795 PB 3789	3681	M/A 500 g + Sf 10,000 g 3680-3748	5-1/2 3794
St. McDonald Ac/1 "B"	7 J	35-22S-36E	1-19-58	F 189.92	3501	3812 PB 3806	3700	M/A 500 g + Sf 10,000 g 3700-66	5-1/2 3811
St. McDonald Ac/1 "B"	8 I	35-22S-36E	1-30-58	F 252.24	3488	3800 PB 3794	3677	M/A 500 g + Sf 10,000 g 3676-3747	5-1/2 3799
St. McDonald Ac/1 "B"	9 L	36-22S-36E	2-15-58	F 134.97	3468	3780 PB 3778	3653	M/A 500 g + Sf 10,000 g 3653-3728	5-1/2 3779
St. McDonald Ac/1 "B"	10 M	36-22S-36E	2-24-58	F 201.88	3465	3776 PB 3770	3651	M/A 500 g + Sf 10,000 g 3651-3724	5-1/2 3772
St. McDonald Ac/1 "B"	11 E	36-22S-36E	3-14-58	F 74.88	3468	3780 PB 3775	3672	M/A 500 g + Sf 10,000 g 3672-3706	5-1/2 3779
St. McDonald Ac/1 "B"	12 N	36-22S-36E	3-23-58	F 183	3445	3756 PB 3755	3692	M/A 500 g + Sf 2500 g 3692-3717	5-1/2 3755
St. McDonald Ac/1 "B"	13 K	36-22S-36E	4-24-58	F 302	3450	3760 PB 3757	3700	M/A 500 g + Sf 3000 g 3700-30	5-1/2 3759
St. McDonald Ac/1 "B"	14 O	36-22S-36E	5- 8-58	F 149	3431	3742 PB 3738	3694	M/A 500 g + Sf 3000 g 3694-3718	5-1/2 3741
St. McDonald Ac/1 "B"	15 J	36-22S-36E	6-11-58	F 45	3437	3748 PB 3744	3694	M/A 500 g + Sf 10,000 g 3694-3722	5-1/2 3747
St. McDonald Ac/1 "B"	16 F	36-22S-36E	6-25-58	F 174	3455	3904 PB 3847	3704	M/A 500 g + Sf 3704-44	5-1/2 3903
St. McDonald Ac/1 "B"	17 P	36-22S-36E	7-18-58	F 18	3421	3870 PB 3600	3556	M/A 500 g + Sf 10,000 g 3556-80	7 3869
Sinclair Oil & Gas State 157 "A"	3 P	9-22S-36E	5-11-58	F 249	3540	3850 PB 3845	3750	Sf 20,000 g 3750-82	5-1/2 3850
State 157 "A"	4 I	9-22S-36E	6-25-58	F 240	3552	3850 PB 3814	3768	Sf 20,000 g 3768-3800	5-1/2 3850
Western Natural Gas Hale	4 L	34-22S-36E	2-20-58	F 541	3490	3760 PB 3758	3672	R/A 1500 g + Sf 15,000 g 3672-3724	5-1/2 3759
Hale	5 M	34-22S-36E	3-11-58	F 336	3506	3768 PB 3766	3715	R/A 1000 + Sf 15,000 g 3715-65	5-1/2 3768
Harrington	2 D	10-22S-36E	8-11-58	F 217	3574	3832 PB 3822	3780	Af 15,000 g 3780-3812	
Jones	7 H	34-22S-36E	1-22-58	F 538	3511	3719 PB 3718	3674	R/A 10,000 g + Sf 1500 g 3674-3716	5-1/2 3718
Jones	8 G	34-22S-36E	1-24-58	F 532	3502	3741 PB 3735	3680	R/A 10,000 g + Sf 1500 g 3680-3728	5-1/2 3740
Jones	9 E	34-22S-36E	2- 7-58	F 285	3485	3755 PB 3754	3706	R/A 1200 g + Sf 15,000 g 3706-3754	5-1/2 3755
Record	2 M	10-22S-36E	3-16-58	F 414	3556	3797 PB 3796	3772	R/A 1000 g + Sf 15,000 g 3772-95	5-1/2 3796
Record	3 L	10-22S-36E	8-25-58	F 268	3648	3804 PB 3795	3758	R/A 1500 g + Sf 15,000 g 3758-88	5-1/2 3803
<u>FOSTER - SAN ANDRES</u>									
Nearburg & Ingram Etz	1 G	6-19S-39E	6-21-58	T A	3621	4547			5-1/2 4547
<u>FOWLER - DRINKARD</u>									
American Trading & Prod. Gutman, Louis, et al.	1 H	24-24S-37E	2- 5-58	P & A	3139	6895 PB 6766			5-1/2 6879



<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>FOWLER - DEVONIAN</u>									
Gulf Oil Holt, J. R., "A"	3 G	16-24S-37E	2- 7-58	F 59	3269	7591 PB 7584	7521	R/A 500 g 7521-7572	5-1/2 7590
<u>GLADIOLA - WOLFCAMP</u>									
Lowe, Ralph Oberholtzer	2 G	8-12S-38E	2-11-58	P 160	3872	12,056 PB 9600	9498	M/A 500 g + R/A 2,000 g 9498-9508	5-1/2 12,034
Moss, H. S. Peck, D. P.	2 M	26-12S-37E	5-12-58	P 127	3893	9750	9736	Natural 9736-48	5-1/2 9750
<u>GLADIOLA - DEVONIAN</u>									
Cities Service Prod. Miller "B"	1 I	18-12S-38E	2-12-58	F 88	3881	12,026 PB 12,023	12,018	M/A 500 g 12,018-022	5-1/2 12,026
Taylor "B"	3 J	7-12S-38E	1- 6-58	F 800	3886	12,030	12,026	M/A 500 g 12,026-30	5-1/2 12,029
Cosden Petroleum Corp. Newmont Oil Co.	1 N	7-12S-38E	5-19-58	F 384	3882	12,001	11,996	M/A 250 g OH 11994- 12001	5-1/2 11,994
Hancock Oil Slack et al R/A "A"	3 C	18-12S-38E	1-15-58	F 231	3882	11,978	11,968	M/A 500 g OH 11968- 11978	5-1/2 11,968
Slack et al R/A "A"	4 D	18-12S-38E	1-18-58	F 480	3890	12,004	11,998	M/A 500 g 11998-12004	5-1/2 11,998
Lowe, Ralph Humble State "C"	1 J	36-11S-37E	9- 3-58	P & A	3902	12,385			9-5/8 4496
Shell Oil Ivey	1 O	29-11S-38E	4- 4-58	F 199	3900	12,112 PB 12,090	12,068	R/A 250 g 12068-078	5-1/2 12,111
Sinclair Oil & Gas Harris, Henry A.	3 B	18-12S-38E	4-24-58	F 330	3870	11,972 PB 11,970	11,954	Natural 11954-968	5-1/2 11,972
Harris, Henry A.	4 G	18-12S-38E	7-19-58	F 408	3870	11,985 PB 11,984	11,970	M/A 500 g 11970-980	5-1/2 11,985
Shults, John	6 I	13-12S-37E	2-23-58	F 324	3875	11,942 PB 11,939	11,911	Natural 11911-927	5-1/2 11,942
Shults, Rosa	3 K	18-12S-38E	3-26-58	F 360	3873	11,957 PB 11,956	11,931	Natural 11931-939	5-1/2 11,957
Shults, Rosa	4 L	18-12S-38E	7- 7-58	Swb 288	3875	11,945 PB 11,944	11,932	M/A 500 g 11932-944	5-1/2 11,945
Sunray Mid-Continent Oil Hall, G.	2 K	8-12S-38E	2-11-58	T A	3880	12,031 PB 12,022			5-1/2 12,031
<u>HOBBS - GRAYBURG-SAN ANDRES</u>									
Amerada Petroleum Corp. State WH "B"	2 K	14-18S-37E	8- 8-58	F 114	3697	4250 PB 4247	4156	R/A 1500 g + Sf 10,000 g 4156-4228	
Collier, R. D. Pan American State	1 P	12-18S-37E	6-13-58	P & A	?	4405			5-1/2 4400
Gulf Oil Corp. Lea State FO	1 N	14-18S-37E	5- 5-58	F 157	3697	4300 PB 4230	4148	R/A 500 g + Sf 25,000 g 4148-4220	5-1/2 4299
Humble Oil & Refining New Mexico State "A"	8 J	25-18S-37E	2-18-58	F 86	3666	4110 PB 4108	4062	R/A 500 g 4062-98	5-1/2 4110
New Mexico State "A"	9 N	25-18S-37E	7-29-58	P 102	3671	4240 PB 4239	4160	M/A 500 g + R/A 3000 g 4160-90 & 4218-38, Sf 10,000 g 4160-4238	5-1/2 4240

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>HOBBS - GRAYBURG-SAN ANDRES (cont.)</u>									
Kelly, John M. Ohio State	1 A	7-19S-38E	3- 1-58	T A	3624	4272			5-1/2 4252
Moran, R. M. Hardin "B"	2 F	18-18S-38E	9- 1-58	F 40	3674	4145 PB 4143	4084	R/A 1000 g 4084-4144	5-1/2 4143
Salsich, Neil E. Terry, Ora B.	1 H	8-19S-38E	9-10-58	F 69	3612	4125 PB 4124	4065	R/A 1000 g + Sf 20,000 g 4065-89	5-1/2 4124
Samedan Oil Corp. State "B"	2 E	25-18S-37E	1- 9-58	P 75	3677	4260	4150	Sf 30,000 g 4140-4236	5-1/2 4260
Texas Pacific Coal & Oil St. of N. Mex. "V" ac/1 1 I	1 I	14-18S-37E	1-13-58	F 207.60	3688	4162 PB 4159	4012	R/A 1000 g + Sf 30,000 g 4012-4134	5-1/2 4162
St. of N. Mex. "V" ac/1 2 J	2 J	14-18S-37E	3-11-58	F 165	3691	4325 PB 4288	4200	M/A 500 g + Sf 20,000 g 4200-46	5-1/2 4324
<u>HOUSE - DRINKARD</u>									
Ray & Westlund Blakenship, Daisy	3 M	12-20S-38E	3-24-58	F 110	3559	7105 PB 7073	7023	R/A 1000 g 7023-29	5-1/2 7090
<u>HUME - QUEEN</u>									
Hudgens, J. Don., Inc. Phillips State	3 I	8-16S-34E	8-12-58	P 72	4138	3970 PB 3967	3922	M/A 500 g 3922-42	5-1/2 3968
Shell Oil State WL	1 E	9-16S-34E	10-26-58	P & A	4138	4460			8-5/8 258
State WM	1 H	8-16S-34E	8-10-58	P 152	4139	4000 PB 3980	3938	M/A 100 g + Sf 24,000 g 3938-60	5-1/2 4000
State WO	1 K	8-16S-34E	8- 2-58	P 53	4146	4000 PB 3972	3932	M/A 100 g + Sf 21,000 g 3932-48	5-1/2 4000
Trainer, C. W. State "SU"	1 B	17-16S-34E	10-30-58	P & A	4143	4010			4-1/2 4010
Trainer State "S"	1 F	8-16S-34E	9-22-58	P 30	4135	3972	3931	M/A 250 g + Sf 30,000 g 3931-47	5-1/2 3972
<u>JALMAT OIL</u>									
Amerada Petroleum Corp. State WE "J"	1 E	11-22S-35E	7-28-58	P 44	3636	4080 PB 4025	3902	R/A 500 g + Sf 45,000 g 3902-4024	5-1/2 1946
Aztec Oil & Gas State J-10	1 P	10-22S-35E	9-10-58	P 20	3611	4122 PB 4016	3940	M/A 500 g + Sf 30,000 g 3944-4010	5-1/2 4122
British American Oil Prod. Hall State "F"	5 N	11-22S-35E	3- 4-58	F 123	3611	4052 PB 4042	3957	Sf 10,000 g 3957-71	5-1/2 4051
Hall State "F"	6 K	11-22S-35E	3-31-58	P 134	3624	4102 PB 4092	3893	Sf 40,000 g 3893-4018	5-1/2 4102
Hall State "F"	7 J	11-22S-35E	4-28-58	P 148	3618	4076 PB 4064	3868	Sf 10,000 g 3986-4004 & Sf 40,000 g 3868-3956	5-1/2 4076
Hall State "F"	8 L	11-22S-35E	4-22-58	F 201	3616	4082 PB 4070	3888	Sf 40,000 3888-4006	5-1/2 4081
Hall State "F"	9 M	11-22S-35E	5-12-58	P 180	3607	4050 PB 4032		Sf 10,000 g 3978-98 & Sf 40,000 g 3885-3955	5-1/2 4050
Hall State "F"	10 F	11-22S-35E	5-28-58	F 240	3635	4065 PB 4060	3882	Sf 50,000 3882-4010	5-1/2 4064
Hall State "F"	11 G	11-22S-35E	6-13-58	F 219	3624	4030 PB 4015	3876	Sf 40,000 g 3876-3885	5-1/2 4029
Hall State "F"	12 C	11-22S-35E	6-24-58	F 248	3613	4040 PB 4035	3874	Sf 48,000 g 3874-4004	5-1/2 4039

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>JALMAT OIL (cont.)</u>									
British American Oil Prod. Hall State "F"	13 B	11-22S-35E	7-16-58	F 120	3613	4010 PB 3965	3883	Sf 40,000 g 3883-3959	5-1/2 4009
Merchant Livestock	1 C	14-22S-35E	2-11-58	P 92	3599	4089 PB 4038	3948	Sf 10,000 g 3948-64	5-1/2 4069
Carper Drilling Randel "C"	4 L	12-22S-35E	9-10-58	P 60	3606	4030 PB 4003	3828	Sf 15,000 g 3828-56, Sf 12,000 g 3872-3920, M/A 210 g + Sf 12,000 g 3936-66	5-1/2 4003
Continental Oil Eaves A-19 Federal	10 P	19-26S-37E	4- 8-58	P 81	2957	3255 PB 3220	3156	R/A 1000 g + Sf 8000 g 3156-82	5-1/2 3250
Farney A-17 Federal	2 C	17-23S-36E	3- 9-58	P 87	3476	3750	3660	R/A 1000 g + Sf 8000 g 3660-68 & R/A 15,000 g + Sf 23,000 g 3684-98	5-1/2 3750
Farney A-17 Federal	3 E	17-23S-36E	5-28-58	P 12	3467	3870 PB 3679	3650	R/A 500 g + Sf 10,000 g 3650-70	5-1/2 3870
Lynn A-28 Federal	6 H	28-23S-36E	1-14-58	F 334	3444	3600 PB 3383	3330	R/A 500 g + Sf 8000 g 3330-3352	5-1/2 3600
Stevens B-20 Federal	1 C	20-23S-36E	1- 5-58	F 70	3442	3728	3630	Sf 40,000 g 3630-3720	5-1/2 3728
Stevens B-20 Federal	2 F	20-23S-36E	3-30-58	F 88	3441	3800	3648	R/A 1000 g + Sf 18,000 g 3648-3740	5-1/2 3800
Dixilyn Drilling Corp. Atlantic State	1 P	3-22S-35E	9-14-58	P 17	3623	4065 PB 4035	3906	Sf 30,000 g 3906-88	5-1/2 4065
Phillips State	2 A	10-22S-35E	11-25-58	P 27	3632	4100 PB 4062	3910	Sf 40,000 g 3910-4033	5-1/2 4098
Gulf Oil Corp. Janda, J. F., NCT-K	1 K	14-22S-35E	2- 2-58	F 128	3608	4050 PB 4043	3910	M/A 750 g + Sf 40,000 g 3910-4030	5-1/2 4048
Janda, J. F., NCT-K	2 F	14-22S-35E	2-25-58	F 122	3598	4050 PB 4046	3882	R/A 500 g + Sf 60,000 g 3882-4008	5-1/2 4050
Janda, J. F., NCT-K	3 N	14-22S-35E	4-10-58	P 62	3612	4050 PB 4046	3892	M/A 500 g 3892-4014, Sf 60,000 g 3992-4014 & M/A 250 g + Sf 10,000 g 4034-46	5-1/2 4050
Janda, J. F., NCT-K	4 E	14-22S-35E	5-21-58	P 165	3591	4075 PB 4071	3857	R/A 500 g + Sf 8000 g 3857-4048	5-1/2 4075
Janda, J. F., NCT-K	5 D	14-22S-35E	5-19-58	P 159	3602	4075 PB 4068	3854	R/A 500 g + Sf 40,000 g 3854-4042	5-1/2 4072
Janda, J. F., NCT-K	6 L	14-22S-35E	10-31-58	P 11	3615	4050 PB 4049	3883	R/A 500 g + Sf 60,000 g 3883-4040	5-1/2 4049
Hodge, T. F. Pubco State	1 H	32-26S-37E	1-25-58	P 86.68	2946	3350	3148	Sf 30,000 g 3148-59	5-1/2 3350
Pubco State	2 A	32-26S-37E	6-21-58	F 60	2949	3350 PB 3340	3139	R/A 1000 g + Sf 20,000 g 3139-3204	5-1/2 3344
Pubco State	3 G	32-26S-37E	5-26-58	F 42	2949	3350 PB 3241	3039	Sf 10,500 g 3039-3095	5-1/2 3349
Wills, Mary E., Federal	1 E	33-26S-37E	10- 7-58	F 68	2954	3441	3150	M/A 500 g 3212-25	4-1/2 3441
Wills, Mary E., Federal	2 N	33-26S-37E	11-11-58	F 90	2956	3425 PB 3415	3206	M/A 250 g 3206-13, M/A 250 g 3221-58 & Sf 10,000 g 3206-58	4-1/2 3425
Leonard Oil Justis, B. M.	7 F	20-25S-37E	12-28-58	F 50	3080	3285	3196	M/A 250 g + Sf 30,000 g OH 3196-3285	7 3196
Olsen, R. Olsen Phillips	3 N	6-25S-37E	10-27-58	F 20	3216	3600 PB 3578	3310	Sf 10,000 g 3310-54	7 3596
O'Neill, J. I., Jr. Rocket	1 N	10-24S-36E	3- 7-58	F 36	3391	3622 PB 3621	3432	R/A 1000 g + Sf 20,000 g 3432-82 & M/A 500 g + Sf 20,000 g 3506-46	5-1/2 3622
Rocket	2 M	10-24S-36E	7- 9-58	F 10	3393	3592 PB 3591	3444	Sf 10,000 g 3444-98 & Sf 20,000 g 3522-58	5-1/2 3591

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>JALMAT OIL (cont.)</u>									
Sinclair Oil & Gas Federal 714	4 K	20-23S-36E	6- 1-58	F 71	3459	3750 PB 3714	3665	Sf 20,000 g 3665-87	5-1/2 3750
State 157 "F"	3 G	17-23S-36E	6-13-58	T A	3463	3750 PB 3598			5-1/2 3750
United States Smelting & Refining State 22-35	1 K	36-22S-35E	8-11-58	P & A	3546	3914			5-1/2 3914
<u>JALMAT GAS</u>									
Cities Service Oil State "O"	3 F	32-26S-37E	12-23-58	2500	2945	3240 PB 3107	3024	R/A 2,000 g 3024-90	5-1/2 3240
Continental Oil Danciger A-8	3 A	8-23S-36E	3- 5-58	1300	3484	3650	3390	R/A 1000 g, Sf 12,000 g, & Wf 60,000 g 3390-3600	5-1/2 3650
Jal Oil Watkins	2 H	35-24S-36E	8-25-58	2135	3279	2978 PB 2965	2940	Sf 5000 g 2940-52	5-1/2 2973
Olsen, R. Wells Federal	11 N	4-25S-37E	12-15-57	10,000	3185	3476 PB 3310	3070	Sf 4000 g 3030-50, Sf 10,000 g 3070-3140	5-1/2 3341
<u>JALMAT (Oil-Gas, Dual)</u>									
Cities Service Oil State "O"	2 B	32-26S-37E	9-18-58	115 BO	2955	3250 PB 3244	3212	R/A 1000 g 3212-38	5-1/2 3250
				1768 MCF			3086	M/A 500 g Sf 20,000 g 3086-3110	
<u>JUSTIS - GLORIETA</u>									
Western Petroleum Carlson "B" Federal	5 G	13-25S-37E	5- 3-58	F 343	3097	8870 PB 5228	4960	M/A 500 g + Sf 20,000 g 4960-95	
<u>JUSTIS - BLINEBRY</u>									
Gulf Oil Corp. Ramsay, Vinson, "B"	6 K	36-25S-37E	10-16-58	F 274	3037	5800 PB 5710	5359	M/A 500 g + Sf 50,000 g 5359-5493	5-1/2 5797
<u>JUSTIS - DRINKARD</u>									
Gulf Oil Corp. Learcy McBuffington	10 L	13-25S-37E	12-17-58	F 380	3091	7485 PB 6875	5926	Natural 5926-46	7 7485
<u>JUSTIS - FUSSELMAN</u>									
Anderson & Prichard Oil Corp. Blocker Federal	4 F	13-25S-37E	11-13-58	P 52.4	3095	7020 PB 7018	6996	Natural 6996-7014	7 7019
<u>JUSTIS - ELLENBURGER</u>									
Gulf Oil Corp. Learcy McBuffington	5 J	13-25S-37E	1-11-58	F 310	3085	8300	8260	M/A 500 g OH 8260-8300	7 8260
Tidewater Oil Coates, A. B., "C"	9 J	24-25S-37E	1- 2-58	F 1692	3085	8075	7950	Natural OH 7950-8075	7 7950
Coates, A. B., "C"	10 F	24-25S-37E	1-27-58	F 1344	3088	8210	8162	Natural OH 8162-8210	7 8162

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>JUSTIS - ELLENBURGER (cont.)</u>									
Tidewater Oil									
Coates, A. B., "C"	13 K	24-25S-37E	?	F 346	3086	8205	8160	Natural OH 8160-8205	7 8160
Coates, A. B., "C"	15 O	24-25S-37E	9- 5-58	F 676	3084	8125	8050	Natural OH 8050-8125	7 8050
<u>JUSTIS - BLINEBRY-MCKEE (Oil-Oil, Dual)</u>									
Gulf Oil Corp.									
Learcy McBuffington	6 O	13-25S-37E	4- 7-58	F 102	3084	7600	7356	Natural 7356-7484	7 7600
						PB 7525			
				F 672			5158	R/A 750 g + Sf 56,000 g 5158-5598	
<u>JUSTIS - BLINEBRY-ELLENBURGER (Oil-Oil, Dual)</u>									
Gulf Oil Corp.									
Learcy McBuffington	4 N	13-25S-37E	11- 4-57	F 396	3091	8264	8220	Natural 8220-30 OH 8230-45	7 8230
			9-27-58	F 377			5134		
Tidewater Oil									
Coates, A. B., "C" Fed.	18 I	24-25S-37E	12-23-58	F 193	3076	7800	7758	Natural OH 7758-7800	7 7758
			12-24-58	F 108			5274		
<u>JUSTIS - DRINKARD-FUSSELMAN (Oil-Oil, Dual)</u>									
Amerada Petroleum Corp.									
Wimberly, Ida	3 L	24-25S-37E	5- 5-58	F 856	3084	7000	6960	R/A 500 g OH 6960-7000	
				F 687			5886		
Wimberly, Ida	4 M	24-25S-37E	6-30-58	F 781	3079	7000	6828	Natural OH 6828-7000	7 6828
			7- 1-58	F 571			5886		
Wimberly, Ida	5 C	25-25S-37E	10- 1-58	F 367	3073	7578	6906	Natural 6906-94	7 7135
						PB 7081			
Wimberly, Ida	6 F	25-25S-37E	9-17-58	F 441	3069	7000	5860	R/A 500 g 5860-5914	
				F 316			6926	R/A 500 g OH 6926-7000	7 6926
				F 234			5856		
Wimberly, Ida	7 D	25-25S-37E	10-24-58	F 480	3077	7000	6937	M/A 500 g	7 6937
			11- 5-58	F 69			5856	M/A 1000 g 5856-5928	
Gulf Oil Corp.									
Learcy McBuffington	7 M	13-25S-37E	9-30-58	105	3098	8608	5926		7 8518
						PB 8490			
			6- 9-58	F 254			6924		
Tidewater Oil									
Coates, A. B., "C" Fed.	11 F	24-25S-37E	5-28-58	F 119	3086	7101	6793	M/A 500 g + R/A 500 g 6793-6898	7 7099
						PB 7097			
				F 510			5890	M/A 500 g + R/A 500 g 5890-5930	
Coates, A. B., "C" Fed.	12 K	24-25S-37E	7-16-58	F 375	3086	7137	6748	M/A 500 g + R/A 500 g 6930-75	7 7137
						PB 7130			
				F 139			5890		
Coates, A. B., "D" Fed.	2 N	24-25S-37E	8-29-58	F 245	3079	7007	6862	R/A 1000 g 6862-6970	7 7005
						PB 6996			
			8-28-58	F 132			5870	R/A 1000 g 5870-5936	
Western Natural Gas									
Wimberley	3 D	24-25S-37E	1- 5-58	F 336	3099	8635	5900	R/A 1000 g 5900-38	7 7375
						PB 7306			
			1-22-58	F 660			7004	R/A 1000 g 7004-48	
Wimberly	4 E	24-25S-37E	3-10-58	F 1411	3089	7242	6840	R/A 1000 g 6840-6950	7 7241
						PB 7120			
			3-11-58	F 1356			5890	R/A 1000 g 5890-5920	

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>JUSTIS - DRINKARD-MONTOYA</u> (Oil-Oil, Dual)									
Tidewater Oil Coates, A. B., "C" Fed. 14 G	24-25S-37E	7-19-58	F 630	3081	6980	6840	M/A 500 g + R/A 500 g 6840-80	7	6973
			F 192		PB 6965	5876	Perfs 5876-5930		
<u>JUSTIS - DRINKARD - MCKEE</u> (Oil-Oil, Dual)									
Tidewater Oil Coates, A. B., "C" Fed. 16 O	24-25S-37E	11- 2-58	F 56	3079	7650	7480	R/A 2000 g 7480-7576	7	7649
		10-22-58	F 243		PB 7643	5900	Perfs 5900-32		
<u>JUSTIS - FUSSELMAN-MONTOYA</u> (Oil-Oil, Dual)									
Gulf Oil Corp. McBuffington, Learcy	8 N 13-25S-37E	7- 2-58	F 135	3090	7052	6886	Natural 6886-6920	7	7052
					PB 6933				
		11-11-58	F 178			6754	Natural 6754-6800		
McBuffington, Learcy	9 K 13-25S-37E	8-16-58	F 206	3090	7100	6940	M/A 500 g 6940-7052	7	7100
					PB 7093				
		11-12-58	F 408			6752	Natural 6752-6890		
<u>JUSTIS - MONTOYA-MCKEE</u> (Oil-Oil, Dual)									
Tidewater Oil Coates, A. B., "C" Fed. 21 J	24-25S-37E	12-16-58	F 254	3084	7551	7360	M/A 500 g 7360-7479	7	7549
					PB 7549				
		12-17-58	F 185			6884	M/A 500 g + R/A 500 g 6884-6922		
<u>JUSTIS - MONTOYA-ELLENBURGER</u> (Oil-Oil, Dual)									
Atlantic Refining State "Y"	3 B 25-25S-37E	12-21-58	F 402.54	3078	8350	6816	M/A 1000 g 6816-78	7	8350
					PB 8331				
			F 1424			8138	M/A 1000 g 8138-8200		
Western Natural Gas Wimberley	5 C 24-25S-37E	6- 1-58	F 452	3090	8210	8084	Natural OH 8084-8210	7-5/8	8084
			F 634			7002	Natural 7002-15		
<u>JUSTIS - MCKEE-ELLENBURGER</u> (Oil-Oil, Dual)									
Tidewater Oil Coates, A. B., "C" Fed. 17 H	24-25S-37E	10-31-58	F 1200	3078	7950	7909	Natural 7909-50	7	7909
		12-17-58	F 78½			7304	R/A 500 g 7304-20		
<u>KEMNITZ - WOLFCAMP</u>									
Forest Oil Corp. State "A"	2 I 26-16S-33E	5-30-58	P 81.61	4180	11,650	10,789	M/A 500 + R/A 5000 g 10789-821	5-1/2	11,650
					PB 10,825				
Humble Oil & Refining New Mex. State "BB"	1 E 22-16S-34E	8-28-58	F 211	4107	10,856	10,713	R/A 500 g 10713-723	5-1/2	10,856
					PB 10,804				
Phillips Petroleum New Mexico "A"	1 K 25-16S-33E	6-20-58	F 481	4158	11,587	10,720	Natural 10720-808	5-1/2	11,579
					PB 10,813				
New Mexico "A"	2 O 25-16S-33E	8-27-58	P & A	4164	11,610			8-5/8	4552

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>KEMNITZ - WOLFCAMP (cont.)</u>									
Pure Oil State Lea "E"	2 O	21-16S-34E	2- 6-58	F 318	4111	11,577 PB 10,825	10,755	M/A 500 g 10755-765	5-1/2 10,860
Sinclair Oil & Gas Seaman Unit	5 O	24-16S-33E	3-18-58	F 322	4151	11,600 PB 10,800	10,766	M/A 5000 g 10766-780	5-1/2 10869
Tennessee Gas Transmission State "C"	1 M	21-16S-34E	5-15-58	F 339	4123	10,888 PB 10823	10,748	R/A 2000 g 10748-770	5-1/2 10,886
St. A. A. Kemnitz "B"	5 E	25-16S-33E	9-29-58	F 264	4169	11,700 PB 11,534	10,776	R/A 2000 g 10776-814	7 11,698
State Western "A"	2 A	29-16S-34E	2- 8-58	F 338	4126	11,559 PB 10,818	10,682	R/A 5000 g 10682-740	5-1/2 10,883
State Western "A"	3 G	29-16S-34E	7- 6-58	F 344	4130	10,878 PB 10,823	10,690	R/A 500 g 10783-793 & R/A 6500 g 10690-793	5-1/2 10,878
<u>KEMNITZ - PENNSYLVANIAN</u>									
Sinclair Oil & Gas State Lea 692	1 M	24-16S-33E	7- 9-58	P & A	4165	11,700			9-5/8 4535
<u>KING - WOLFCAMP</u>									
Atlantic Refining Lowe Land Co.	1 I	24-13S-37E	9-23-58	F 325	3880	12,902 PB 9935	9838	Natural 9838-62	9-5/8 4616
Cabot Carbon Lowe, H. L., "C"	1 O	26-13S-37E	4- 1-58	F 528	3866	12,689 PB 10,400	10,000	R/A 1500 g 10000-037	5-1/2 11,565
<u>KING - DEVONIAN</u>									
Cabot Carbon Fleet, Howard, et al	4 O	35-13S-37E	7-30-58	T A	3859	12,462 PB 9460			5-1/2 12,385
Texas Crude Oil & Hancock Oil Heidel	1 J	1-14S-37E	12-20-58	P & A	3838	13,005			9-5/8 4674
<u>LAGUNA - SEVEN RIVERS, GAS</u>									
Trainer, C. W. Jordan	1 H	11-20S-35E	5-29-58	5200	3666	4360 PB 4204	4104	Natural 4104-27	5-1/2. 4235
<u>LANE - PENNSYLVANIAN</u>									
Penrose, Neville G., Inc. Cross	1 O	35- 9S-33E	3-19-58	P & A	4286	9875			8-5/8 4000
<u>LANGLIE MATTIX - YATES-SEVEN RIVERS-QUEEN</u>									
Anderson & Prichard Oil Corp. Farnsworth Federal	1 G	4-26S-37E	7- 3-58	F 167	2996	3296 PB 3292	3208	M/A 500 g + Sf 10,000 g 3208-38	5-1/2 3296
Bourg, Oscar, Drilling Gulf State "B"	1 L	32-22S-37E	9- 8-58	F 42	3393	3971	3666	M/A 500 g + Sf 20,000 g 3666-3798	5-1/2 3971
King, Bertha L.	3 J	32-22S-37E	11-15-58	F 75	3377	3885 PB 3880	3600	Sf 25,000 g 3600-3778	5-1/2 3885
State	2 K	32-22S-37E	1- 9-58	F 44.4	3385	3800 PB 3797	3644	R/A 500 g + Sf 15,000 g 3644-3778	5-1/2 3799
State	4 M	32-22S-37E	10-12-58	F 45	3390	4003	3660	M/A 500 g + Sf 25,000 g 3660-3792	5-1/2 4003
State	5 G	32-22S-37E	10-21-58	F 45	3370	3875 PB 3873	3566	M/A 500 g + Sf 25,000 g 3566-3706	5-1/2 3875

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LANGLIE MATTIX - YATES-SEVEN RIVERS-QUEEN (cont.)									
Burk Royalty La Munyon Federal	1 M	21-23S-37E	12-10-58	F 1312 MCF	3315	3757 PB 3509	3418	Wf 40,000 g 3418-3504	5-1/2 3756
Constantin, E., Jr. La Munyon Federal	2 A	29-23S-37E	1-15-58	F 100	3314	3635 PB 3605	3526	Sf 20,000 g 3526-66	4-1/2 3634
Dalport Oil Corp. King, E. F., "A"	1 P	31-22S-37E	9-17-58	F 150	3389	3798 PB 3794	3684	R/A 500 g + Sf 15,000 g 3684-3791	5-1/2 3797
Gackle, Albert Sinclair State	7 A	3-23S-36E	3-25-58	F 480	3495	3963	3690	M/A 1500 + Sf 3690-3760	5-1/2 3963
Sinclair State	8 D	3-23S-36E	5-12-58	F 360	3503	4038 PB 3800	3694	M/A 500 g + Sf 10,000 g 3694-3712	5-1/2 4036
Gulf Oil Corp. Janda, J. F., "I"	3 D	2-23S-36E	6-19-58	F 220	3488	3800 PB 3797	3652	M/A 500 g + Sf 25,000 g 3665-3716 & M/A 250 g + Sf 3732-54	5-1/2 3799
Janda, J. F., "I"	4 A	2-23S-36E	7-22-58	F 417	3456	3800 PB 3796	3652	R/A 500 g + Sf 40,000 g 3652-3755	5-1/2 3811
Janda, J. F., "I"	5 C	2-23S-36E	9- 4-58	F 76	3482	3800 PB 3798	3668	R/A 500 g + Sf 40,000 g 3668-3777	5-1/2 3800
Janda, J. F., "I"	6 B	2-23S-36E	9-24-58	F 120	3471	3800 PB 3796	3642	R/A 500 g + Sf 40,000 g 3642-3785	5-1/2 3800
Johnson & French Oil Federal "A"	1 A	14-25S-37E	6- 5-58	F 27	3113	3450 PB 3410	3298	Sf 10,000 g 3298	5-1/2 3450
Federal "B"	1 G	14-25S-37E	7-31-58	F 1500 MCF	3131	3298	3270	Sf 10,000 g OH 3720-98	5-1/2 3270
Lowe, Ralph King "B"	3 D	5-23S-37E	1-18-58	F 110	3367	3780	3640	Sf 15,000 g 3646-3768	5-1/2 3780
King "B"	4 E	5-23S-37E	2-12-58	P 78	3367	3780	3659	Sf 15,000 g 3659-3768	5-1/2 3780
King "B"	5 A	6-23S-37E	4-29-58	P 100	3383	3795	3670	Sf 15,000 g 3678-3786	5-1/2 3795
King "B"	6 H	6-23S-37E	8-25-58	P 120	3383	3800	3681	Sf 15,000 g 3681-3793	5-1/2 3800
King "B"	7 B	6-23S-37E	10- 2-58	104	?	3800	3683	Frac. 15,000 3683-3793	5-1/2 3800
Olsen, R. Farnsworth Federal	4 K	4-26S-37E	2-13-58	F 200	2991	3282	3222	Sf 10,000 g 3222-30	7 3282
Farnsworth Federal	5 L	4-26S-37E	4-10-58	P 100	2993	3312 PB 3290	3262	Sf 10,000 g 3262-88	7 3308
King, Emery F.	2 D	1-23S-36E	11- 3-58	F 44	3455	3790 PB 3781	3670	Sf 10,000 g 3670-3750	5-1/2 3781
Olsen Phillips	1 E	6-25S-37E	6-30-58	F 135	3251	3600 PB 3585	3390	Sf 10,000 g 3390-3440	7 3599
Olsen Phillips	2 L	6-25S-37E	7-24-58	F 94	3224	3600 PB 3570	3405	Sf 10,000 g 3405-30	7 3590
Olsen Phillips	4 O	6-25S-37E	12- 1-58	F 22	3218	3600 PB 3456	3340	Sf 10,000 g 3340-80	7 3586
Resler & Sheldon May "A"	2 G	21-23S-37E	10-14-58	F 50	3318	3710 PB 3600	3432	Wf 15,000 g 3432-83	7 3710
Samedan Oil Corp. Hughes	6 L	4-23S-37E	4- 1-58	F 177	3335	3684 PB 3680	3514	40,000 3557-3671	5-1/2 3684
Hughes A-2	7 J	9-23S-37E	10-28-58	F 105	3309	3642 PB 3631	3496	Sf 40,000 g 3496-3628	8-5/8 370
Schermerhorn Oil Corp. Dabbs	1 G	34-25S-37E	4-10-58	F 2 BO + 260 MCF	3019	3350 PB 3100	2675	M/A 500 g + Sf 15,000 g 2675-2785 & Sf 40,000 g 2675-2705	5-1/2 3100
Skelly Oil Harrison "A"	3 N	5-23S-37E	1- 7-58	F 259	3343	3720	3579	40,000 3579-3688	5-1/2 3720
Harrison "A"	4 M	5-23S-37E	3-17-58	Swb 105	3349	3731 PB 3730	3606	Sf 40,000 g 3606-3730	5-1/2 3731
Harrison "B"	10 K	9-23S-37E	5- 7-58	F 173	3316	3660	3516	Sf 35,000 g 3516-3636	5-1/2 3660



COMPANY LEASE	WELL UNIT	SEC., R., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
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LANGLIE MATTIX - YATES-SEVEN RIVERS-QUEEN (cont.)

Skelly Oil King "C"	2	B	1-23S-36E	8- 8-58	F 262	3427	3720	3638	Sf 43,000 g 3638-3713	5-1/2	3720
King "C"	3	G	1-23S-36E	12-20-58	F 462	3423	3720	3670	Sf 50,000 g 3670-3710	5-1/2	3720
							PB 3717				
Mexico "G"	2	F	16-24S-37E	10-24-58	F 3800 MCF	3257	7993	3404	Perfs. 3404-3457	8-5/8	3955
							PB 3500				
Sherrell, J. W.	8	O	31-24S-37E	1-12-58	F 11	3239	3505	3385	Sf 30,000 g OH 3385-3505	5-1/2	3385
Sims, R. R.	8	M	4-23S-37E	2-23-58	F 61	3328	3650	3526	Sf 50,000 g 3526-3636	5-1/2	3650
							PB 3649				
Sun Oil Richards, A. D.	2	A	7-23S-37E	12- 3-58	F 66	3360	3770	3606	M/A 500 g + Sf 20,000 g 3606-3736	5-1/2	3770
							PB 3750				
Texas Pacific Coal & Oil St. of N. M. "A" ac/1	43	M	3-23S-36E	1- 9-58	F 248	3495	3825	3698	Sf 20,000 g 3698-3778	7	3824
							PB 3822				

LEONARD, SOUTH - QUEEN

Leonard Oil Leonard Federal	6	B	14-26S-37E	11-15-58	P & A	3010	3453			8-5/8	265
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LOVINGTON - SAN ANDRES

Holder & Ross Shell State	1	N	26-16S-36E	1- 7-58	P & A	3873	5188			5-1/2	4322
Moran, E. J., et al. Cities Service State	1	E	14-17S-36E	6- 8-58	P & A	3848	4352			8-5/8	300

LYNCH - YATES

Drilling & Exploration Federal Fletcher "A"	4	J	27-20S-34E	7- 3-58	P 36.51	3701	3681	3544	Sf 6000 g OH 3643-74, Sf 20,000 g 3544-86 & Sf 5460 g 3610-20	8-5/8	1232
							PB 3674				
Featherstone-Gale Roach Federal	1	H	34-20S-34E	2-11-58	P 20	3735	3772	3739	R/A 3500 g 3739-3743	7	3521
Southwestern, Inc. Phillips State	1	M	7-21S-34E	8-27-58	P & A	3766	3757			8-5/8	1317

LYNCH, MIDDLE - YATES

Resler & Sheldon Phillips Federal	1	M	15-20S-34E	7-23-58	P & A	3645	3691			4-1/2	3690
							PB 3616				
Wilson Oil Muse Federal	2	P	21-20S-34E	1- 2-58	P & A	3674	3703			5-1/2	3530

LUSK - YATES

Plemons, Jack Gulf Federal	1	F	19-19S-32E	10-10-58	P 40	3554	2487	2429	Sf 5000 g OH 2398-2487	5-1/2	2398
Stout, G. Kelly Southern California Pet. Corp. Federal	2	J	19-19S-32E	2- 8-58	P & A	3559	2736			5-1/2	2481

MALJAMAR - GRAYBURG-SAN ANDRES

Baxter, Murphy H. State 17	1	A	17-17S-33E	1- 3-58	F 48	4207	4474	4258	Sf 25,000 4258-4395	5-1/2	4474
State 17	5	E	17-17S-33E	2-19-58	F 64	4205	4473	4184	R/A 2000 g + Sf 15,800 g 4184-4358	5-1/2	4472
							PB 4440				

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>MALJAMAR - GRAYBURG-SAN ANDRES (cont.)</u>									
Baxter, Murphy H. State 17	8 H	17-17S-33E	1-21-58	F 51.15	4210	4450	4246	Sf 46,000 g 4246-4408	5-1/2 4449
State 18-B	2 H	18-17S-33E	8-21-58	F 48.5	4222	4593	4218	M/A 800 g + Sf 60,000 g 4218-4550	5-1/2 4593
State 18-B	3 I	18-17S-33E	8- 4-58	F 56.3	4216	4605	4222	R/A 8000 g + Sf 50,000 g 4222-4560	5-1/2 4605
State 18-B	4 P	18-17S-33E	7- 8-58	F 63	4220	4633	4200	M/A 3500 g + Sf 34,000 g 4200-4585	5-1/2 4633
State 18-B	5 O	18-17S-33E	9-12-58	F 69	4228	4589	4194	60,000 g 4194-4358	5-1/2 4589
State 18-B	6 J	18-17S-33E	12-29-58	F 58.32	4218	4573	4197	Sf 80,000 g 4197-4540	5-1/2 4573
State 18-B.	7 G	18-17S-33E	12-16-58	F 53	4225	4582	4214	M/A 500 g + Sf 70,000 g 4214-4446	5-1/2 4582
State 18-B	8 B	18-17S-33E	11-26-58	F 48.64	4226	4545	4148	M/A 5500 g + Sf 67,310 g 4148-4522	5-1/2 4544
State 18-13	7 M	18-17S-33E	10-30-58	F 56.24	4157	4515	4092	Sf 40,000 g 4092-4430	5-1/2 4515
State 18-13	8 N	18-17S-33E	10-18-58	F 68	4175	4523	4126	Sf 50,000 g 4126-4304, Sf 20,000 g 4376-4414	5-1/2 4523
Black, W. H. State	1 A	18-17S-33E	2-10-58	F 28	4219	4386	4154	Sf 7000 g 4154-66 & Sf 21,000 g 4238-4319	5-1/2 4386
Bradshaw, Warren, Exploration State "E"	1 A	29-17S-33E	4-11-58	P 36	4194	4450	4249	M/A 650 g + Sf 16,800 g 4249-4422	5-1/2 4449
Drilling & Exploration Johns "B" Federal	4 F	24-17S-32E	5- 9-58	P 150	4064	4324	4130	M/A 500 g + Sf 20,000 g 4130-50	5-1/2 4323
Johns "B" Federal	5 H	24-17S-32E	10-14-58	F 307	4094	4362	4190	R/A 500 g + Sf 20,000 g 4190-4209 & M/A 500 g + R/A 2000 g 4268-76	5-1/2 4361
Johns "B" Federal	6 I	24-17S-32E	11- 5-58	F 407.3	4085	4360	4200	R/A 500 g + Sf 20,000 g 4200-18	5-1/2 4359
Johns "B" Federal	7 A	24-17S-32E	11-21-58	F 165.48	4111	4380	4154	M/A 500 g + Sf 30,000 g 4154-91	5-1/2 4378
Johns "B" Federal	8 B	24-17S-32E	12-19-58	F 152.82	4089	4360	4150	M/A 500 g + Sf 30,000 g 4150-4180	5-1/2 4359
Gackle, Albert Graham, John D.	1 K	7-18S-32E	1-14-58	P & A	3781	4510			5-1/2 4510
Kewanee Oil Miller "A" Federal	12 M	23-17S-32E	9-30-58	390	3992	4153	3900	Frac 20,000 3900-4052	7 4153
Talbert, Eugene Phillips State	1 L	16-17S-33E	1-23-58	F 54	4200	4460	4278	M/A 750 + Sf 23,800 g 4278-4432	5-1/2 4460
Phillips State	2 K	16-17S-33E	5-17-58	F 55	4188	4455	4281	M/A 500 g + Sf 4281-4430	5-1/2 4455
Phillips State	3 N	16-17S-33E	7-18-58	F 61	4195	4500	4304	M/A 900 g + Sf 40,000 g 4304-4457	5-1/2 4495
Western Oil Fields, Inc. Phillips State	16 E	20-17S-33E	10-27-58	F 200	4215	4488	4176	R/A 1000 g + Sf 71,000 g 4176-4426	5-1/2 4488
Zapata Petroleum Corp. Phillips Federal	2X B	33-17S-33E	1-18-58	P 75.9	4176	4560	4416	Af 15,000 g 4416-60	5-1/2 4559
Phillips State	5 C	28-17S-33E	1-20-58	P 53	4192	4542	4287	Af 20,000 g 4287-4472	5-1/2 4541
Phillips State	6 F	28-17S-33E	1-18-58	P 58.6	4188	4512	4232	Sf 30,000 g 4232-4462	5-1/2 4512
Phillips State	9 O	28-17S-33E	2-15-58	P 40	4174	4542	4228	Sf 20,000 g 4228-4450	5-1/2 4541
Phillips State	9X O	28-17S-33E	4-12-58	P 136	?	4448	4400	Af 15,000 g OH 4400-48	5-1/2 4400
Phillips State	10 J	28-17S-33E	1-17-58	P 40.7	4172	4548	4404	Af 10,000 g 4404-28	5-1/2 4547
Phillips State	12 I	28-17S-33E	1-19-58	P 48.3	4167	4500	4222	Af 10,000 g 4222-4432	5-1/2 4500

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>MALJAMAR - GRAYBURG-SAN ANDRES</u>									
Zapata Petroleum Corp. Phillips State	13 P	28-17S-33E	2-16-58	P 58	4158	4540	4218	R/A 2000 g + Sf 25,000 g 4218-4440	5-1/2 4539
Phillips State "B"	1 P	19-17S-33E	2-17-58	P 40	4098	4360	4034	Af 20,000 g 4034-4240	5-1/2 4352
Phillips State "B"	2 I	19-17S-33E	1-21-58	F 122.4	4120	4415	4324	R/A 6500 g 4324-48	5-1/2 4414
Phillips State "B"	3 H	19-17S-33E	1-25-58	F 39	4167	4421	4080	Af 25,000 g 4080-4252	5-1/2 4420
Phillips State "B"	4 A	19-17S-33E	5- 7-58	F 142	4223	4586	4166	Sf 30,000 g 4166-4503	5-1/2 4586
Phillips State "B"	5 B	19-17S-33E	6-19-58	F 88	4135	4458	4080	Sf 5300 g at 4080-90, 2500 g at 4118-30, 4000 g at 4172-80, & 7500 g at 4204 -32 & 4378-4408	5-1/2 4457
Phillips State "B"	6 G	19-17S-33E	3- 1-58	F 415	4126	4410	4098	Af 25,000 g 4098-4350	5-1/2 4409
Phillips State "B"	7 J	19-17S-33E	2-18-58	F 207	4082	4390	4102	R/A 3000 g + Sf 30,000 g 4102-4344	5-1/2 4366
Phillips State "B"	8 O	19-17S-33E	4-17-58	F 125	4079	4340	4247	Af 10,000 g OH 4247-4340	5-1/2 4247
Phillips State "B"	9 K	19-17S-33E	3-19-58	F 152	4060	4375	4120	Af 25,000 g 4120-4330	5-1/2 4374
Phillips State "B"	10 F	19-17S-33E	3-30-58	F 119	4079	4410	4020	Af 7000 g at 4020-62, 8000 g at 4082-4108, & 10,000 g at 4290-4371	5-1/2 4409
Phillips State "B"	11 C	19-17S-33E	7- 6-58	F 146	4106	4390	4018	Sf 35,000 g 4018-4336	5-1/2 4390
Phillips State "B"	12 D	19-17S-33E	8-21-58	F 93.6	4106	4390	4054	R/A 34,000 g 4054-4319	5-1/2 4390
Phillips State "B"	13 E	19-17S-33E	6- 6-58	F 84	4076	4619	3984	Af 73,500 g 3984-4157	5-1/2 4500
Phillips State "B"	14 N	19-17S-33E	7-21-58	F 56	4074	4325	3962	Sf 26,000 g 3962-4266	5-1/2 4325
Phillips State "B"	15 L	19-17S-33E	8-11-58	F 41.3	4077	4291	4044	R/A 3000 g OH 4227-91 + Af 30,000 g 4044-4164	5-1/2 4325
Phillips State "C"	1 L	27-17S-33E	3- 2-58	P 105.72	4165	4610	4427	R/A 3000 g + Sf 10,000 g OH 4427-55	5-1/2 4427
<u>MASON, NORTH - DELAWARE</u>									
Continental Oil Co. Thompson Federal	2 G	18-26S-32E	11- 2-58	P 40	3230	4418	4383	Sf 1000 g 4372-86	5-1/2 4418
<u>MONUMENT - PADDOCK</u>									
Texas Company Phillips, J. R.	12 F	6-20S-37E	5- 7-58	Swb 55	3575	5250	5110	R/A 2400 g 5110-32, R/A 25,500 g 5172-5206, & Sf 20,000 5110-5198	5-1/2 5250
<u>MONUMENT - MCKEE</u>									
Texas Company Phillips, J. R.	11 D	6-20S-37E	5-31-58	F 4725 MCF	3585	9814	9532	Natural 9532-9738	5-1/2 9814
<u>MOORE - DEVONIAN</u>									
Carlton Beal & Assoc. Moore	1 J	25-11S-32E	4- 7-58	P & A	4333	10,678			8-5/8 3492
<u>PADDOCK, SOUTH - GLORIETA</u>									
Cities Service Oil State "P"	3 M	32-22S-38E	12-23-58	F 260	3381	5811	5168	R/A 3500 g 5168-92	7 5809

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>PADDOCK, SOUTH - GLORIETA (cont.)</u>									
Pan American Petroleum Corp. State "T"	2 N	32-22S-38E	7-15-58	P 161	3398	5257 PB 5225	5200	R/A 500 g 5200-16	5-1/2 5257
Western Oil Fields, Inc. Gulf Drinkard	2 M	30-22S-38E	6- 1-58	T A	3322	5206			5-1/2 5176
<u>PEARL - QUEEN</u>									
Cabot Carbon State N. M. "G"	1 L	28-19S-35E	5- 8-58	Swb 115	3734	4946 PB 4900	4733	Sf 10,000 g 4733-4871	5-1/2 4915
State N. M. "G"	2 K	28-19S-35E	5-14-58	P 176	3722	4921	4908	M/A 500 g + Sf OH 4908-21	5-1/2 4908
State N. M. "G"	3 M	28-19S-35E	6- 5-58	F 406	3735	4957	4929	M/A 400 g + Sf 20,000 g OH 4929-57	5-1/2 4929
State N. M. "G"	4 N	28-19S-35E	6-16-58	F 480	3718	4949	4919	M/A 500 g + Sf 20,000 g OH 4919-49	5-1/2 4919
State N. M. "G"	5 J	28-19S-35E	7- 7-58	F 480	3720	4945 PB 4931	4826	M/A 500 g + Sf 20,000 g 4826-36	5-1/2 4931
State N. M. "G"	6 O	28-19S-35E	8- 1-58	P 48	3718	4939	4911	Sf 20,000 g OH 4911-39	5-1/2 4911
Cactus Drilling Alves	1 P	19-19S-35E	7-17-58	P & A	3802	5173			8-5/8 1817
Aztec State	1 A	31-19S-35E	3- 8-58	P 50	3777	4790	4780	Natural OH 4778-4790	5-1/2 5778
Featherstone Federal	1 A	6-20S-35E	11- 8-58	P & A	3698	5044			5-1/2 4956
Gulf State A	1 I	29-19S-35E	1- 2-58	P 100	3746	4998 PB 4937	4752	Sf 15,000 g 4752-4898	5-1/2 4943
Gulf State A	2 P	29-19S-35E	4-10-58	Swb 50	3755	4962	4957	Sf 10,000 g OH 4939-62	5-1/2 4939
Gulf State A	3 K	29-19S-35E	7-29-58	P 63	3765	5002	4997	Sf 10,000 g OH 4997-5002	5-1/2 4997
Parks	1 F	29-19S-35E	5-31-58	Swb 83	3776	4963	4932	Natural OH 4932-63	7 4932
Calco Drilling Superior Federal	1 G	29-19S-35E	6-11-58	P 153	3768	5033 PB 5023	4801	500 M/A + Sf 15,000 g 4932-38 & M/A 500 g + Sf 10,000 g 5000-08	4-1/2 5029
Superior Federal	2 B	29-19S-35E	10- 5-58	P 149	3766	5050 PB 5047	4814	R/A 1000 g + Sf 31,500 g 4814-5008	4-1/2 5049
Gulf Oil Corp. Lea State "BG"	1 D	33-19S-35E	11- 4-58	F 120	3740	4970 PB 4954	4773	R/A 500 g + Sf 30,000 g 4773-4926	4-1/2 4970
Lea State "BG"	2 C	33-19S-35E	12- 9-58	F 224	3722	4950 PB 4945	4758	M/A 500 g + Sf 30,000 g 4758-4902	4-1/2 4950
State "IH"	1 J	29-19S-35E	6- 1-58	P 80	3770	5010 PB 5005	4782	M/A 500 g + Sf 4782-5000	4-1/2 5009
Hamon, Jake L. State E-8182	1 C	28-19S-35E	5- 5-58	P 96	3745	5000	4715	M/A 500 g + Sf 3000 g OH 4994-5000	4-1/2 4994
State E-8182	2 E	28-19S-35E	5-17-58	P 75	3741	5020	4734	M/A 500 g + Sf 20,000 g 4734-54	4-1/2 5020
State E-8182	3 D	28-19S-35E	6-18-58	P 104	3766	5000	4980	Sf 15,000 g 4980-88	4-1/2 5000
State E-8182	4 F	28-19S-35E	5-22-58	F 371	3721	4960	4884	R/A 1500 g + Sf 15,000 g 4884-95	5-1/2 4960
Shell Oil Allen Estate	1 H	27-19S-35E	3-27-58	P 137	3722	4940 PB 4918	4701	M/A 250 g + Sf 29,000 g 4701-4870	5-1/2 4940
Hooper	2 B	27-19S-35E	2-16-58	P 67	3726	4895 PB 4872	4677	M/A 750 g + Sf 30,000 g 4677-4846	5-1/2 4895
Kimberlin	2 N	22-19S-35E	4-30-58	P 439	3745	4905 PB 4883	4842	M/A 100 g + Sf 21,000 g 4842-56	
Kimberlin	3 K	22-19S-35E	12-23-58	F 436	3749	4913 PB 4894	4836	Sf 25,000 g 4807-48	5-1/2 4913
McIntosh	2 E	27-19S-35E	5-21-58	P 50	3735	4930 PB 4907	4687	Sf 24,000 g 4687-4805	5-1/2 4930
McIntosh "B"	1 L	22-19S-35E	5- 8-58	F 334	3753	4880 PB 4855	4762	Sf 25,000 g 4762-4851	5-1/2 4880

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>PEARL - QUEEN (cont.)</u>									
Shell Oil McIntosh "C"	1 B	28-19S-35E	3-14-58	P 166	3752	4949 PB 4923	4700	M/A 350 g + Sf 30,000 g 4700-4877	5-1/2 4949
McIntosh "C"	2 G	28-19S-35E	11-10-58	P 107	3737	4955 PB 4929	4698	M/A 250 g + Sf 20,000 g 4698-4816	5-1/2 4955
McIntosh "C"	3 A	28-19S-35E	12-15-58	P 83	3747	4935 PB 4911	4677	M/A 300 g + Sf 30,000 g 4677-4842	5-1/2 4935
McIntosh "D"	1 P	21-19S-35E	1-31-58	P 45	3750	4923 PB 4886	4859	M/A 250 g + Sf 10,000 g 4859-73	5-1/2 4923
McIntosh "D"	2 I	21-19S-35E	11-24-58	P 64	3758	5030 PB 5004	4832	Sf 20,000 g 4832-4874	9-5/8 108
McIntosh "E"	1 N	21-19S-35E	4-19-58	P 72	3767	4953 PB 4933	4743	M/A 500 g + Sf 30,000 g 4743-4920	5-1/2 4962
Record	1 L	26-19S-35E	6- 5-58	T A	3715	4918 PB 4893			5-1/2 4918
State "PB"	2 C	27-19S-35E	5- 7-58	P 20	3737	4900 PB 4893	4579	M/A 750 g + Sf 4579- 4868	5-1/2 4899
Skelly Oil Hobbs "J"	1 H	29-19S-35E	10-15-58	P 125	3749	4920	4898	M/A 250 g + Sf 15,000 g 4898-4912	8-5/8 1770
<u>PEARSALL - QUEEN</u>									
Beard, John M. Pearsall Federal	1 B	4-18S-32E	9-15-58	F 50	3884	3760 PB 3747	3680	M/A 250 g + Sf 15,000 g 3680-98	4-1/2 3747
<u>PENROSE SKELLY - QUEEN-GRAYBURG</u>									
Campbell, E. P. Cole, R. E.	1 J	16-22S-37E	5-13-58	F 38	3408	3705	3637	R/A 500 g + Sf 20,000 g 3637-88	4-1/2 3704
Gulf Oil Corp. Eunice Unit 1	1 K	19-21S-37E	12- 5-58	F 2410 MCF	3515	3830 PB 3690	3476	M/A 500 g + Sf 30,000 g 3476-3580	5-1/2 3830
Mattern, H. T., "B"	12 E	31-21S-37E	9-10-58	P 14	3492	3825 PB 3822	3774	M/A 250 g + Sf 20,000 g 3774-3821	5-1/2 3825
<u>QUERECHO PLAINS - PENNSYLVANIAN</u>									
Shell Oil Co. Querecho Plains Unit	2 N	27-18S-32E	11-24-58	F 131	3735	14,330 PB 11,980	11,922	R/A 1000 g 11,922-935	5-1/2 13,004
<u>RANGER LAKE - PENNSYLVANIAN</u>									
Cone, Gordon M. State "24" 2	2 P	24-12S-34E	11- 5-58	F 376	4150	10,375	10,310½	M/A 500 g 10,310½-320½	5-1/2 10,375
<u>ROBERTS - GRAYBURG</u>									
Boller & Nichols Iles	10 M	3-17S-32E	12-18-58	P 85	4170	4255 PB 4224	3952	Sf 30,000 g 3952-4222	5-1/2 4255
Maguire, Russell, & Thunderbird Phillips State	1 M	9-17S-33E	2-26-58	F 158	4210	4458 PB 4430	4309	M/A 500 g + Sf 5000 g 4309-21 & M/A 500 g + Sf 10,000 g 4400-10	5-1/2 4454
Maguire, Russell Phillips State 9	2 L	9-17S-33E	7-25-58	F 53	4210	4439 PB 4426	4329	R/A 1000 g + Sf 20,000 g 4329-4425	5-1/2 4436
Phillips State	3 N	9-17S-33E	12-28-58	F 120	4204	4432	4332	M/A 2000 g + Sf 30,000 g 4332-4426	5-1/2 4432

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>ROBERTS - GRAYBURG (cont.)</u>									
McCormick, Len G., & Assoc. Phillips State	3 O	7-17S-33E	7- 9-58	F 192	4227	4510 PB 4465	4196	M/A 2000 g + Sf 29,000 g 4196-4433	5-1/2 4510
Nichols, Leonard State	7 A	7-17S-33E	1-16-58	F 70	4225	4370	4206	Sf 15,000 g 4206-4346	5-1/2 4370
Santiago Oil & Gas Great Western State Phillips State	1 I 4 J	6-17S-33E 7-17S-33E	11-16-58 11-16-58	P & A F 220	4231 4230	4400 4495 PB 4467	4192	R/A 1650 g + Sf 26,000 g 4192-4424	5-1/2 4400 5-1/2 4495
Phillips State	4 N	7-17S-33E	10-14-58	F 175	4237	4490 PB 4458	4184	R/A 2000 g + Sf 24,000 g 4184-4326	5-1/2 4490
<u>SALT LAKE, SOUTH - PENNSYLVANIAN</u>									
Texas Company Richards, Audie	1 P	25-20S-32E	1- 8-58	P 68 BO+ 3203 MCF	3603	16,660 PB 12,925	12,909	Natural 12,909-916	7 14,945
<u>SAN SIMON - YATES</u>									
Resler & Sheldon Gulf State	1 E	28-21S-35E	9-23-58	P & A	3639	3910			8-5/8 265
Phillips State "B"	1 L	28-21S-35E	2- 8-58	F 50	3645	3920 PB 3895	3850	Wf 20,000 g 3850-63	5-1/2 3899
Phillips State "C"	1 A	32-21S-35E	2-18-58	F 60	3644	3847 PB 3840	3778	Wf 30,000 g 3778-3832	5-1/2 3847
Phillips State "C"	2 H	32-21S-35E	5-28-58	F 55	3629	3942	3820	Wf 20,000 g 3820-3928	5-1/2 3942
Sinclair Oil & Gas State 407	5 D	33-21S-35E	6-21-58	F 66	3631	3950 PB 3914	3848	Sf 20,000 g 3848-90	5-1/2 3949
<u>SAUNDERS - PERMO/PENNSYLVANIAN</u>									
Amerada Petroleum Corp. Stevens, J. E.	4 H	33-14S-33E	5-16-58	F 345	4212	10,000 PB 9990	9862	R/A 1000 g 9862-9953	8-5/8 4159
Stevens, J. E.	5 I	33-14S-33E	9-29-58	F 234	4212	10,022 PB 10,012	9814	R/A 1000 g 9814-9954	8-5/8 4159
Stevens, J. E.	6 B	33-14S-33E	11-14-58	F 160	4219	10,040 PB 9999	9942	R/A 2000 g 9942-70	8-5/8 4154
State S "J"	1 M	23-14S-33E	4- 1-58	F 528	4210	10,052 PB 10,047	9754	R/A 1000 g 9754-9932	8-5/8 4160
State S "J"	2 L	23-14S-33E	7- 1-58	F 240	4204	10,015 PB 9939	9766	R/A 1000 g 9766-9880	7-5/8 4157
State S "J"	3 N	23-14S-33E	8-17-58	F 353	4198	10,000 PB 9986	9754	M/A 1000 g 9754-9801	8-5/8 4169
State S "J"	4 E	23-14S-33E	9-24-58	F 232	4205	9950 PB 9942	9765	R/A 500 g 9765-91	8-5/8 4169
State S "J"	5 D	23-14S-33E	11-11-58	F 248	4207	9986 PB 9975		R/A 500 g 9857-70	8-5/8 4154
Atlantic Refining State "R"	2 A	27-14S-33E	11- 6-58	F 323	4206	9950 PB 9932	9802	M/A 1000 g 9802-76	5-1/2 9950
Fish, Northwest Const. Inc. Gray, James W., "B"	1 F	35-14S-33E	1- 2-58	F 480	4187	10,080 PB 10,070	9950	M/A 1000 g + R/A 3000 g 9950-10,020	5-1/2 10,080
Saunders, Maud, "A"	4 E	34-14S-33E	1-26-58	F 240	4212	10,013 PB 9980	9866	R/A 3500 g 9866-9960	5-1/2 10,010
State "A"	1 C	35-14S-33E	2-27-58	F 300	4198	10,080 PB 10,025	9970	R/A, 1000 g 9970-10,000	5-1/2 10,061
State "A"	2 L	26-14S-33E	6-15-58	P & A	4201	10,040			8-5/8 4150

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>SAUNDERS - PERMO/PENNSYLVANIAN (cont.)</u>									
Gulf Oil Corp. Saunders, Maud, "X"	4 L	34-14S-33E	7-17-58	F 274	4209	10,010 PB 9980	9844	R/A 500 g 9844-9940	5-1/2 10,010
Phoenix Enterprises Atlantic State	1 N	27-14S-33E	12- 9-58	F 241	4212	9992	9807	R/A 1000 g 9807-9985	5-1/2 9992
Shell Oil Co. State "A"	7 G	34-14S-33E	6-30-58	F 174	4208	10,058 PB 10,029	9850	R/A 1000 g 9850-77, R/A 500 g 9916-88	5-1/2 10,057
State "A"	8 B	34-14S-33E	7-14-58	F 296	4208	10,068 PB 10,033	9970	R/A 250 g 9970-98	5-1/2 10,068
Texas Company State N. M. "AN"	4 P	22-14S-33E	6-26-58	F 416	4213	10,000 PB 9999	9730	R/A 1000 g 9730-9912	5-1/2 10,000
State N. M. "AN"	5 I	22-14S-33E	11-19-58	P 58	4213	10,000 PB 9998	9741	R/A 3500 g 9741-46 & R/A 2500 g 9816-9940	5-1/2 10,000
State N. M. "AN"	6 O	22-14S-33E	12-10-58	F 322	4213	10,000 PB 9916	9574	Perfs. 9756-9880	5-1/2 10,000
State N. M. "BU"	2 P	28-14S-33E	3-26-58	F 177	4218	10,005 PB 10,002	9914	M/A 500 g + R/A 1000 g 9914-40	5-1/2 10,005
Texas Pacific Coal & Oil State N. M. "X"	1 D	26-14S-33E	8- 7-58	F 252 + 550 MCF	4209	10,050 PB 9984	9748	Natural 9748-9908	8-5/8 4179
State N. M. "X"	2 C	26-14S-33E	12-11-58	F 215	4201	10,000 PB 9848	9750	R/A 500 g 9750-98	5-1/2 9992

SAWYER - SAN ANDRES

DeKalb Agricultural Assoc., Inc. Ohio Federal	1 O	24- 9S-37E	10-28-58	P 16	3969	5014 PB 5006	4972	Wf 4000 g OH 4972-5006	8-5/8 414
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SAWYER, SOUTH - SAN ANDRES

Robinson Bros. Union Federal	1 N	5-10S-38E	6- 3-58	T A	3925	5066			5-1/2 5063
Warren Federal	1 J	6-10S-38E	?	T A	3935	5062 PB 5035			5-1/2 5061
Rowan Oil Federal	1 P	33- 9S-38E	1-12-58	P 157	3922	5032 PB 5000	4950	R/A 10,000 g 4950-78	5-1/2 5031
Western Drilling of Longview, Texas Atlantic Federal	1 D	6-10S-38E	7-17-58	P 65	3941	5067 PB 4997	4941	M/A 500 g 4964-80, & R/A 18,000 g 4942-96	5-1/2 5064
Federal	1 M	28- 9S-38E	5-22-58	F 43	3923	5037 PB 5021	4964	M/A 500 g 4964-94, & R/A 5000 g & 2000 g,+ M/A 500 g 5000-10	5-1/2 5037

SHOE BAR, NORTH - PENNSYLVANIAN

Sinclair Oil & Gas Danglade, F. J.	1 J	15-16S-35E	8-29-58	140	3998	12,978 PB 11,472	10,954	Af 500 g 10,954-980	7 12,978
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SKAGGS - GLORIETA

Texas Company Weir, C. H., "B" (owdd)	1 H	11-20S-37E	6-23-58	P 55	3600	9671 PB 6898	5266	Af 500 M/A & 500 R/A 5266-5310	5-1/2 8000
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TATUM - WOLFCAMP

Union Oil of California Anderson, W. H. 7	1 H	7-13S-36E	6-17-58	F 50	4016	10,537 PB 10,324	10,316	M/A 250 g 10,316-321	5-1/2 10,537
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<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TOP</u> <u>PAY</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE DEPTH</u>
<u>TATUM - WOLFCAMP (cont.)</u>									
Union Oil of California Atwood-Braeley 5	1 L	5-13S-36E	4- 8-58	P & A	4016	10,451 PB 10,356			5-1/2 10,443
Duncan, R. W., "B" 6	1 H	6-13S-36E	2-21-58	F 276	4020	10,428 PB 10,489	10,314	M/A 500 g 10314-336 & 10,442½-446½	5-1/2 10,528
<u>TEAS - YATES</u>									
Cities Service Oil McDonald, Jewett, "C" 1	E	18-20S-34E	10- 9-58	P 16	3623	3524	3332	M/A 500 g + R/A 3000 g OH + Sf 10,000 g 3266-3524	5-1/2 3266
Southern California Petroleum Corp. Federal Bobb "C" 2	J	13-20S-33E	7-19-58	T A	3611	3540 PB 3420			5-1/2 3491
Federal Bobb "C" 3	H	13-20S-33E	3- 4-58	P 76	3612	3499	3463	Natural OH 3463-99	5-1/2 3463
Federal Bobb "C" 4	B	13-20S-33E	12-14-58	P & A	3608	3536			8-5/8 992
<u>TERRY - BLINEBRY</u>									
Magnolia Petroleum Stephens Estate 2	M	24-21S-37E	7-15-58	F 96	3413	7245 PB 5913	5681	R/A 3000 g 5681-5774	7 2930
Western Oilfields, Inc. Bunin, N. B., Estate 1	A	13-21S-37E	10-19-58	P & A	3468	6000			13-3/8 125
<u>TOWNSEND - WOLFCAMP</u>									
Austral Oil Expl. Snyder, W. M., "B" 2	J	6-16S-36E	5-18-58	F 312	3965	10,703 PB 10,684	10,653	M/A 500 g 10,653-671	8-5/8 4725
Snyder, W. M., "C" 1	H	6-16S-36E	3-15-58	F 192	3959	10,717 PB 10,703	10,674	M/A 500 g 10,674-694	5-1/2 10,717
Snyder, W. M., "D" 1	F	6-16S-36E	7-17-58	F 274	3968	10,728	10,604	R/A 9000 g 10,606-702	
Snyder, W. M., "E" 1	B	6-16S-36E	7-16-58	F 276	3967	10,727	10,593	R/A 2000 g 10,588-650	8-5/8 4710
Snyder, W. M., "F" 1	C	5-16S-36E	7- 4-58	F 85	3960	10,721 PB 10,719	10,606	Perfs. 10606-708	8-5/8 4715
Cabot Carbon State N. M. "F" 1	L	4-16S-35E	6- 2-58	F 624	4049	13,403 PB 10,428	10,356	Natural 10,356-374	5-1/2 13,184
Texas Pacific Coal & Oil State N. M. "T" 3	N	6-16S-36E	4- 8-58	F 258	3969	10,737 PB 10,722	10,610	M/A 1000 g 10650-700	5-1/2 10,736
State N. M. "T" 4	K	6-16S-36E	8- 9-58	F 168	3969	10,728 PB 10,710	10,607	M/A 1000 g 10,607-664	5-1/2 10,727
<u>TUBB - DRINKARD</u> (Gas-Oil, Dual)									
Gulf Oil Corp. Scarborough Estate "TT" 2	H	31-22S-38E	2-18-58	F 2100 MCF	3357	7060 PB 7052	5982	M/A 1250 g + Sf 30,000 g 5982-6229	7 7060
			3-10-58	F 27 BO			6813	R/A 10,000 g 6813-7051	
<u>VACUUM - QUEEN</u>									
Yates, S. P. Shell Angle State "B" 1	F	10-17S-34E	2- 5-58	P & A	4071	3960			4-1/2 3960
<u>VACUUM - GRAYBURG-SAN ANDRES</u>									
Carper Drilling C Carper Shell 35 1	N	35-16S-34E	3-27-58	P & A	4062	4850			7 1677
Drilling & Exploration State "M" 5	P	29-17S-35E	1-20-58	T A	3966	3800			5-1/2 3260



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VACUUM - GRAYBURG-SAN ANDRES (cont.)

Magnolia Petroleum State Bridges	93 J	3-17S-34E	9-10-58	P 19	4072	4711	4675	R/A 18,000 g OH 4660-4711	5-1/2 24660
Yates, S. P. Ohio Angle State "B"	2 E	2-17S-34E	2-12-58	P 52	4063	4721		Natural OH 4652-4721	4-1/2 4652
Zapata Drilling Adams & Peterson Shell State	1 O	23-17S-35E	1-17-58	P & A	3924	4635			8-5/8 328
Phillips State 28	1 A	28-17S-35E	11- 7-58	P 23	3951	4706	4278	Sf 50,000 g 4278-4594	5-1/2 4706
Phillips State 28	2 F	28-17S-35E	12-11-58	P 52	3957	5006 PB 4546	4336	Af 6000 g 4336-99, 10,000 g 4440-54, and 4490-4535	5-1/2 5006

VACUUM, SOUTH - BONE SPRINGS

Hamon, Jake L. Texas Gulf State "A"	1 K	27-18S-35E	7-23-58	F 153	3895	10,975 PB 9126	9080	Perfs 9080-9124	5-1/2 10,975
Pure Oil Peoples Securities State Lea "F"	1 L 1 P	27-18S-35E 22-18S-35E	6-25-58 7- 4-58	P & A P 126	3902 3895	11,160 11,235 PB 8935	8795	R/A 500 g 8795-8820	9-5/8 3801 5-1/2 10,815
Sinclair Oil & Gas State Lea 403	1 D	22-18S-35E	4-24-58	F 478	3899	15,000 PB 10,278	8504	Natural 8504-14	5-1/2 10,325

VACUUM, SOUTH - DEVONIAN

Magnolia Petroleum State Sec. 27	1 B	27-18S-35E	10-31-58	F 301	3890	11,800 PB 11,752	11,650	Natural 11,650-668	7-5/8 11,800
Sinclair Oil & Gas State Lea 401	2 A	21-18S-35E	6-13-57	F 434	3908	11,765 PB 11,762	11,726	M/A 500 g 11,726-756	9-5/8 5002
State Lea 403	2 M	22-18S-35E	8- 8-58	P & A	3903	11,978			9-5/8 4000
State Lea 405	1 C	27-18S-35E	6- 5-58	Swb 350	3893	11,783 PB 11,781	11,769	M/A 250 g + R/A 500 g 11,769-774	7 11,783
Union Oil of California South Vacuum Unit 35	1 G	35-18S-35E	1-26-58	F 1735	3878	11,848 PB 11,811	11,546	M/A 500 g 11,643-680	5-1/2 11,846

VACUUM, SOUTH - DEVONIAN-MCKEE  
(Oil-Gas, Dual)

Pure Oil South Vacuum Unit 35	2 I	35-18S-35E	10- 1-58 10- 4-58	F 756 BO 502 MCF	3877	13,919 PB 13,828	11,680 13,620	M/A 500 g 11,680-730 M/A 500 g + R/A 2400 g 13,620-823	7 11,953
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WARREN - MCKEE

Continental Oil Semu McKee	63 G	19-20S-38E	3-4-58	F 135	3556	9250	9106	Sf 12,000 g 9106-9172	5-1/2 9250
Warren Unit McKee Fed 25	O	29-20S-38E	5-6-58	F 317	3525	9218 PB 9214	9009	Natural 9030-9132	5-1/2 9215

WARREN - BLINEBRY-TUBB  
(Gas-Gas, Dual)

Continental Oil Warren Unit BT	26 M	27-20S-38E	7-24-58	7580 MCF + 50 BO  3750 MCF + 34 BO	3540	6680	6346  5786	Sf 15,000 g 6346-68, Sf 8,000 g 6455-6554, Sf 3000 g 6568-86 Sf 18,000 g 5786-6109, Sf 6000 g 6144-6202	7 6679
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COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>WILSON - YATES-SEVEN RIVERS</u>									
Carper Drilling Gulf State	1 D	20-21S-35E	12-31-58	P & A	3660	3884			8-5/8 275
Resler & Sheldon Machris State	1 O	25-21S-34E	8-24-58	P & A	?	3888			8-5/8 265
Wilson Oil State Nineteen	1 A	19-21S-35E	9-20-58	P 49	3645	3848 PB 3842	3788	M/A 250 g + Sf 15,000 g 3788-3804	5-1/2 3842
Yates, S. P. Phillips State	1 G	14-21S-34E	6-28-58	F 500 MCF	3697	3755 PB 3753	3634	Wf 35,000 g 3634-3723	5-1/2 3755
<u>YOUNG - QUEEN</u>									
Beard, John M. Young	5 L	20 18S-32E	4-12-58	P 60	3750	4013 PB 4010	3746	Sf 36,750 g 3746-3980	5-1/2 4012
Gulf Oil Corp. Lea State "HS"	3 F	16-18S-32E	7- 2-58	T A	3792	3900 PB 3853			4-1/2 3900
Maxwell Oil Federal Fox	1 P	8-18S-32E	7-14-58	P 10	3789	3819	3797	R/A 500 g + Sf 25,000 g OH 3797-3819	8-5/8 1072
McCurdy-Trammel Joint Acct. Young	13 B	17-18S-32E	4-13-58	F 60	3784	3820 PB 3813	3757	Sf 32,970 g 3757-72	5-1/2 3816
<u>WILDCATS</u>									
Aldridge & Stroud Continental Federal	1 L	21-26S-33E	5- 8-58	P & A	3251	4990			8-5/8 1236
Alsabrook, O. D. Saunders	1 J	3-18S-38E	5-16-58	P & A	3663	5196			8-5/8 300
Black, W. H. State 28	1 A	28-20S-35E	6- 4-58	P & A	3690	4193			10 1190
British American Oil Prod. New Mexico "C"	1 G	22-21S-35E	7-29-58	P & A	3583	4009			8-5/8 332
Brown & Krug Ben Federal	1 I	15-26S-32E	8-23-58	P & A	3179	4649			10-3/4 300
Carper Drilling Carper Aztec	1 H	20-22S-35E	2-21-58	P & A	3533	4461			8-5/8 1432
Carper Helbing	1 J	22-16S-38E	11-15-58	P & A	3720	12,411			8-5/8 3218
Corbin R	1 H	10-18S-33E	6-14-58	T A	4016	6942			7 4321
Champlin, Joe N. Leonard Federal	1 E	13-26S-37E	3-24-58	P & A	3015	9772 PB 6590			8-5/8 3790
Continental Oil Bradley 19 Federal	1 D	19-26S-34E	12-29-58	P 38	3387	5370	5302	M/A 500 g + Sf 500 g 5302-08	5-1/2 5370
Dixon 27 Federal	1 L	27-26S-33E	11-20-58	P & A	3275	5094			8-5/8 695
Webb, Gladys, et al	1 D	27-11S-37E	8-14-58	P & A	3949	13,212			9-5/8 4419
Delfern Oil Lea State "C"	1 P	18-17S-34E	9-30-58	P & A	4112	12,010 PB 3850			8-5/8 4754
Felmont Oil Etcheveery Unit	1 A	5-15S-34E	6-20-58	P & A	4142	14,842			9-5/8 4465
Forest Oil State "A"	1 A	26-16S-33E	1-21-58	F 325	4184	11,592 PB 11,557	11,450	M/A 500 g + R/A 2000 g 11,450-547	5-1/2 11,591

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TOP PAY	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>WILDCATS (cont.)</u>									
Forster Drilling Federal	1 P	25-19S-34E	11- 8-58	P 52	3745	5105 PB 4250	4085	R/A 500 g + Sf 5000 g 4084-97	5-1/2 5105
Harper & Huffman Featherstone Federal	1 A	21-20S-35E	9-20-58	P & A	3719	4298			8-5/8 317
Hudson & Hudson Federal	2 M	4-20S-34E	3- 6-58	P & A	3628	3782			8-5/8 1185
Jackson, F. R. State	1 E	22-24S-33E	6- 9-58	P & A	?	5504			8-5/8 690
Jefson Oil & Bolin Oil New Mexico State	1 L	16-16S-33E	10-28-58	P&A	?	4452 PB 4002			5-1/2 4031
Leonard Oil Boeliner	1 I	34-19S-32E	3- 3-58	P & A	3559	3161			8-5/8 1005
Lowe, Ralph Ohio State Schenck	1 A 1 A	1-19S-35E 20-13S-38E	11-29-58 7-11-58	P & A P & A	3853 3836	12,020 12,530 PB 12,490			9-5/8 4270 7-5/8 10,800
Maguire, Russell Whitehead	1 H	5-15S-38E	8-12-58	P & A	3779	13,180			8-5/8 4835
McPherson, R. G. Isaacs, B. J.	1 N	4-18S-38E	7- 2-58	P & A	3670	5098			8-5/8 300
Miller, Charles P. Federal	1 F	8-26S-33E	7-26-58	P & A	3293	4898			8-5/8 426
Ohio Oil Cole, Marshall E.	1 A	13-13S-37E	10-13-58	P & A	3863	12,728			9-5/8 4616
Pan American Petroleum Corp. Buffalo Unit	4 H	4-19S-33E	5- 4-58	7302 MCF	3741	14,891 PB 13,795	13,270	Natural 13,270-305	7 14,399
Penrose, Neville G. Leonard State November State Penrose Pure State	1 A 1 G 1 D	12-20S-35E 36-10S-37E 2-17S-33E	1- 7-58 8-20-58 6- 4-58	P & A P & A P & A	3652 3894 ?	4991 12,140 170			8-5/8 258 8-5/8 4340
Phillips Petroleum New Mexico "B"	1 H	22-17S-33E	12-19-58	P 86	4162	12,300 PB 11,183	10,662	M/A 500 g + R/A 5000g 10,662-716	5-1/2 11,396
Republic Natural Gas Federal "F"	1 F	12-23S-35E	7- 4-58	P & A	3443	6510			7-5/8 3904
Riley, George W., Inc. State 7	1 P	7-24S-33E	10- ? -58	P & A	3586	5165			8-5/8 1043
Samedan Oil Corp. Federal	1 E	7-19S-39E	3-26-58	P & A	3619	5857			8-5/8 3075
Skelly Oil Blue Quail Unit	1 N	19-10S-34E	3- 8-58	P & A	4229	13,272			9-5/8 4120
Smith, Ray Federal	1 E	31-25S-32E	10- 2-58	P & A	3311	4610			8-5/8 1415
Southern Minerals Corp. Simmons State N. M.	1 B	4-19S-36E	10- 3-58	P & A	3805	5494			8-5/8 1826
Tennessee Gas Transmission State Gulf "A"	1 N	22-11S-36E	4- 1-58	P & A	4020	13,112			9-4/8 4376

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TOP PAY</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>WILDCATS (cont.)</u>									
Texas Company Shaw Federal	1 B	18-25S-32E	8-26-58	P & A	3437	8511			9-5/8 4330
Texas Gulf Prod. State "K"	1 F	1-17S-33E	4- 9-58	P & A	4159	11,733 PB 5288			9-5/8 4665
State "L"	1 P	2-17S-33E	3-24-58	P & A	4163	5270			13-3/8 388
Treador Royalty Corp. Sinclair Federal SHU	4 A	5-26S-36E	8-30-58	P & A	3009	4015			8-5/8 268
United States Smelting, Refining & Mining States "A" 31	1 H	31-13S-32E	1- 6-58	P & A	4371	12,750			9-5/8 3770
Williams, George H. Federal Johnson	1 M	13-24S-34E	9-14-58	P & A	3483	6455 PB 4800			8-5/8 1033
Yates, H. E. (McCurdy, E. J., Jr.) Yates Sweeney (owdd)	1 C	25-18S-32E	10- 4-58	P & A	3777	9593			7 2747
<u>MCKINLEY COUNTY</u>									
<u>RED MOUNTAIN - MESAVERDE</u>									
Chaco Oil Co. Santa Fe - Pacific	3 P	20-20N-9W	7-31-58	P & A	6437	528			
<u>UNDESIGNATED - MESAVERDE</u>									
Douglas Corp. & C. Silver Navajo 17	1 D	17-19N-5W	4-27-58	75	6614	1950 PB 1920		SOF 1885-1900	5-1/2 1949
Mesa Retailers, Inc. Ferris	3 J	18-18N-10W	12-15-58	15	6515	416		OH 402-416	4-1/2 ?
<u>DRY WILDCATS</u>									
Chaco Oil Red Mountain	1 P	20-20N-9W	7-31-58	P & A	6471	3935			8-5/8 96
Eastern Petr. & C. Silver Federal 27	1 J	27-19N-5W	2-20-58	P & A	6620	2114			8-5/8 40
Phillips Navajo "M"	1 M	9-17N-16W	4- 8-58	P & A	6857	1160			5-1/2 100
Sinclair Oil & Gas S.F. 82 Chaco Wash	1 A	25-19N-10W	9-29-58	P & A	6537	3385			9-5/8 97
S.F. 166 N. Carica	1 M	3-17N-7W	10-6-58	P & A	6612	3360			8-5/8 64
Richardson-Federal	1 A	26-20N-13W	8-25-58	P & A	6225	3251			10-3/4 96
S.F. 206 Sargent	1 A	11-20N-11W	9-20-58	P & A	6354	3825			10-3/4 102
Superior Oil Navajo "K"	1 P	32-18N-16W	1-27-58	P & A	6695	2501			10-3/4 271
Villard & Reynolds Federal	1 I	26-19N-7W	1-10-58	P & A	6850	4426			9-5/8 123
Western Drilling Federal 14	1 E	14-16N-12W	2-27-58	P & A	7400	1821			

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE</u>	<u>DEPTH</u>
<u>MORA COUNTY</u>									
<u>WILDCATS</u>									
Continental Oil Mares Duran	1 L	14-23N-17E	7-27-58	P & A	7704	7765		13-3/8	221
<u>OTERO COUNTY</u>									
<u>WILDCATS</u>									
Zapata Petroleum Corp. Federal 14	1 M	14-20S-14E	3-28-58	P & A	6906	5043		9-5/8	2143
<u>QUAY COUNTY</u>									
<u>WILDCATS</u>									
Burk Royalty Co. Dennis, Elder	1 K	27-10N-31E	10-3-58	P & A	?	2710		8-5/8	160
Sunray Mid-Continent Oil N. M. State "N"	1 P	16-14N-32E	10-20-58	P & A	3925	2850		9-5/8	629
<u>RIO ARRIBA COUNTY</u>									
<u>BALLARD - PICTURED CLIFFS</u>									
El Paso Natural Gas Canyon Largo Unit	14 I	29-25N- 7W	6-18-58	1583 MCF	6630	2315 CO 2292	SWF 2224-86	5-1/2	2314
Canyon Largo Unit	15 C	30-25N- 7W	6-13-58	144 MCF	6596	2278 PB 2244	SWF 2176-2240	5-1/2	2277
Canyon Largo Unit	16 A	30-25N- 7W	6- 9-58	976 MCF	6925	2613 CO 2590	SWF 2512-82	5-1/2	2611
La Plata Gathering System Foster	1 H	7-25N- 7W	7-25-58	236 MCF	6507	2416	SWF 2276-2378	5-1/2	2415
Foster	2 F	7-25N- 7W	8- 2-58	295 MCF	6561	2449	SWF 2313-2392	5-1/2	2448
<u>BLANCO - MESAVERDE</u>									
El Paso Natural Gas Co. Abraham "B"	2 A	14-30N- 6W	8- 1-58	3516 MCF	6359	5759 CO 5711	SWF 5246-5706	7-5/8	3472
Abraham "B"	3 N	15-30N- 6W	6-19-58	4058 MCF	6312	5677 CO 5627	SWF 5188-5580	7-5/8	3410
Abraham "D"	1 H	11-30N- 6W	7-13-58	2083 MCF	6315	5727	SWF 5210-5622	7-5/8	3402
Barron-Kidd	8 H	29-30N- 6W	4-14-58	4579 MCF	6277	5624 CO 5578	SWF 5056-5518	7-5/8	3371
Rincon Unit	101 L	1-26N- 7W	4-26-58	1705 MCF	6516	5278 CO 5230	SWF 5022-5156	7-5/8	3033
Rincon Unit	102 M	11-26N- 7W	5-10-58	2483 MCF	6520	5214 CO 5183	SWF 4940-5160	7-5/8	2855
Rincon Unit	113 H	20-27N- 6W	4-30-58	3324 MCF	6589	5584 CO 5570	SWF 4842-5554	7-5/8	3342
Rincon Unit	123 M	13-27N- 7W	4-10-58	2738 MCF	6723	5717 CO 5687	SWF 4950-5656	5-1/2	5716
Rincon Unit	124 H	24-27N- 7W	2- 8-58	2413 MCF	6702	5508 CO 5454	SWF 5290-5446		
San Juan Unit 27-4	15 B	6-27N- 4W	7- 9-58	4618 MCF	7172	6429 CO 6388	SWF 6174-6334	7-5/8	4276
San Juan Unit 27-4	18 M	4-27N- 4W	7- 8-58	4722 MCF	7177	6436 CO 6365	SWF 6206-6362	7-5/8	4300
San Juan Unit 28-4	15 M	29-28N- 4W	7- 3-58	3392 MCF	7245	6553 CO 6535	SWF 6332-6510	7-5/8	4380

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
BLANCO - MESAVERDE (cont.)								
El Paso Natural Gas San Juan Unit 28-4	16 H	30-28N- 4W	8- 6-58	3624 MCF	7329	6672	SWF 6416-6592	7-5/8 4470
San Juan Unit 28-5	26 H	14-28N- 5W	7-12-58	3852 MCF	7294	CO 6625 6676	SWF 6336-6520	7-5/8 4462
San Juan Unit 28-5	27 B	15-28N- 5W	2-13-58	3005 MCF	6691	PB 6624 6025	SWF 5786-5936	7-5/8 3875
San Juan Unit 28-5	28 H	17-28N- 5W	2-17-58	4102 MCF	6547	PB 5961 5827	SWF 5616-5762	7-5/8 3613
San Juan Unit 28-5	29 B	18-28N- 5W	3- 2-58	5810 MCF	6704	CO 5785 5951	SWF 5424-5888	7-5/8 3763
San Juan Unit 28-5	30 B	22-28N- 5W	7-26-58	4005 MCF	6694	PB 5889 5987	SWF 5422-5930	7-5/8 3778
San Juan Unit 28-5	31 G	13-28N- 5W	8-10-58	3502 MCF	?	CO 5952 6767		
San Juan Unit 28-5	32 G	30-28N- 5W	10-16-58	4105 MCF	6582	CO 6727 5810	SWF 5546-5718	7-5/8 3634
San Juan Unit 28-7	84 G	5-27N- 7W	6- 2-58	2678 MCF	6653	CO 5760 5615	SWF 5408-5554	7-5/8 3361
San Juan Unit 28-7	85 A	6-27N- 7W	5-13-58	2831 MCF	6193	PB 5563 5120	SWF 4810-5114	7-5/8 4664
San Juan Unit 28-7	87 L	8-27N- 7W	8-11-58	T A	6656	CO 5116 5544	SWF 5372-5486	7-5/8 3282
San Juan Unit 29-5	39 M	23-29N- 5W	6-14-58	1670 MCF	6901	PB 5494 6200	SWF 5984-6120	7-5/8 4007
San Juan Unit 29-7	63 H	10-29N- 7W	3- 8-58	4053 MCF	6376	CO 6168 5652	SWF 5022-5066	5-1/2 5647
San Juan Unit 29-7	65 B	22-29N- 7W	2-17-58	4797 MCF	6793	PB 5612 5964	SWF 5344-5885	5-1/2 5960
San Juan Unit 29-7	66 N	22-29N- 7W	5-13-58	5315 MCF	6795	CO 5888 5948	SWF 5316-5898	7-5/8 3757
San Juan Unit 29-7	67 N	23-29N- 7W	3- 8-58	5171 MCF	6291	CO 5911 5465	SWF 5260-5402, 4854-4932	7 3300
San Juan Unit 29-7	68 N	36-29N- 7W	4- 9-58	5154 MCF	6821	CO 5423 5993	SWF 5380-5970	7-5/8 3816
San Juan Unit 30-4	28 H	31-30N- 4W	9-13-58	2523 MCF	7583	PB 5978 7003	SWF 6538-6924	7-5/8 4579
San Juan Unit 30-5	21 K	24-30N- 5W	9-21-58	2620 MCF	7040	CO 6950 6490	SWF 5954-6360	7-5/8 4160
San Juan Unit 30-6	25 H	19-30N- 6W	5-23-58	5012 MCF	6388	CO 6408 5717	SWF 5202-5650	5-1/2 2262
San Juan Unit 30-6	26 M	19-30N- 6W	5- 2-58	4903 MCF	6226	CO 5674 5592	SWF 5022-5564	7-5/8 3362
San Juan Unit 31-6	13 L	4-30N- 6W	8-21-58	2976 MCF	6349	CO 5574 5786	SWF 5234-5686	7-5/8 3439
Magnolia Petroleum Jicarilla "F"	4 A	23-27N- 3W	8-27-58	1400 MCF	7087	PB 5757 6160	SWF 5633-6104	7-5/8 4075
Northwest Production Jicarilla "E"	13 M	3-26N- 3W	5-16-58	P & A	6977	PB 6127 5985	SWF 3700-52, 5837- 5842	7-5/8 3880
Pacific Northwest Pipeline Corp. San Juan Unit 28-4	17 A	20-28N- 4W	8-27-58	2580 MCF	7340	6690	SWF 6454-6634	7-5/8 4471
San Juan Unit 28-4	18 M	31-28N- 4W	9- 6-58	6159 MCF	7323	CO 6644 6560	SWF 5970-6530	7-5/8 4420
San Juan Unit 28-6	87 M	20-28N- 6W	3-18-58	5258 MCF	6514	PB 6555 5677	Wf 5622-4962	7-5/8 3507
San Juan Unit 28-6	88 L	35-28N- 6W	7-30-58	4393 MCF	6551	PB 5638 5700	Wf 4972-5638	7-5/8 3500
San Juan Unit 29-5	18 K	5-29N- 5W	9-17-58	5211 MCF	6643	PB 5682 5990	SWF 5472-5942	7-5/8 3829
San Juan Unit 29-5	25 G	18-29N- 5W	5-28-58	1790 MCF	6500	PB 5980 5850	Wf 5294-5799	7-5/8 3680

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>BLANCO - MESAVERDE (cont.)</u>								
Pacific Northwest Pipeline Corp.								
San Juan Unit 29-5	26 K	18-29N- 5W	5-14-58	1991 MCF	6581	5912 PB 5900	Wf 5870-5372	7-5/8 3714
San Juan Unit 29-5	40 G	28-29N- 5W	9- 5-58	5015 MCF	6640	6010 PB 5996	SWF 5396-5966	7-5/8 3816
San Juan Unit 29-5	41 A	31-29N- 5W	5-28-58	1812 MCF	6467	5780 PB 5730	SWF 5186-5712	7-5/8 3579
San Juan Unit 29-5	42 H	32-29N- 5W	7-29-58	2809 MCF	6518	5830 PB 5815	SWF 5252-5774	7-5/8 3675
San Juan Unit 29-5	43 M	22-29N- 5W	6-24-58	3007 MCF	6696	6064 PB 6055	SWF 5518-5962	7-5/8 3929
San Juan Unit 29-6	28 M	20-29N- 5W	6-24-58	1658 MCF	6738	6087 PB 6070	SWF 5478-6008	7-5/8 3949
San Juan Unit 29-6	29 N	3-29N- 6W	5-28-58	2015 MCF	6489	5795	SWF 5264-5770	7-5/8 3620
San Juan Unit 29-6	41 A	24-29N- 6W	6-25-58	2046 MCF	6719	6022	Wf 5458-5956	7-5/8 3825
San Juan Unit 29-6	42 H	25-29N- 6W	6-25-58	1788 MCF	6646	5950 PB 5945	Wf 5354-5924	7-5/8 3740
San Juan Unit 29-6	43 G	26-29N- 6W	2-11-58	1677 MCF	6395	5700 PB 5625	SWF 5094-5608	5-1/2 5700
San Juan Unit 29-6	50 H	36-29N- 6W	7-31-58	6679 MCF	6406	5688	Wf 5108-5650	7-5/8 3530
San Juan Unit 29-6	57 A	33-29N- 6W	3- 7-58	1982 MCF	6400	5670 PB 5663	SWF 5042-5628	7-5/8 3466
San Juan Unit 29-6	58 K	28-29N- 6W	2-22-58	2231 MCF	6304	5550 PB 5540	Wf 4960-5508	5-1/2 5550
San Juan Unit 29-6	59 H	5-29N- 6W	5-26-58	3442 MCF	6516	5836	Wf 5294-5742	7-5/8 3600
San Juan Unit 29-6	60 H	18-29N- 6W	6-29-58	5794 MCF	6334	5575	Wf 4960-5496	7-5/8 3410
San Juan Unit 29-6	61 K	19-29N- 6W	9- 5-58	7728 MCF	6259	5485 PB 5483	Wf 4864-5454	7-5/8 3351
San Juan Unit 29-7	70 N	35-29N- 7W	8- 1-58	8320 MCF	6607	5764 PB 5756	SWF 5098-5702	7-5/8 3560
San Juan Unit 30-5	22 G	17-30N- 5W	1-11-58	2443 MCF	6300	5750 PB 5743	Wf 5262-5678	7-5/8 3490
San Juan Unit 30-5	23 H	7-30N- 5W	7-26-58	?	6384	5730 PB 5726	SWF 5350-5678	7-5/8 3536
San Juan Unit 30-5	24 M	16-30N- 5W	7-30-58	3726 MCF	6346	5718 PB 5717	SWF 5246-5712	7-5/8 3467
San Juan Unit 30-5	25 M	17-30N- 5W	8-11-58	4323 MCF	6393	5785 PB 5783	SWF 5296-5767	7-5/8 3225
San Juan Unit 30-6	27 H	23-30N- 6W	4-23-58	2357 MCF	6250	5623 PB 5613	Wf 5596-5080	7-5/8 3375
San Juan Unit 30-6	28 B	33-30N- 6W	6-16-58	6240 MCF	6348	5670 PB 5659	Wf 5142-5670	7-5/8 3500
Southern Union Gas								
San Juan Unit 29-7	60 A	34-29N- 7W	5-29-58	4997 MCF	6459	5600	SWF 4846-5497	7-5/8 3398
San Juan Unit 29-7	64 H	11-29N- 7W	5-10-58	4685 MCF	6347	5620	SWF 5380-5480, 4960-5276	7-5/8 3417
San Juan Unit 29-7	69 H	25-29N- 7W	6-15-58	4735 MCF	6747	5985	SWF 5339-5578	7-5/8 3787
<u>BLANCO, EAST - PICTURED CLIFFS</u>								
El Paso Natural Gas								
San Juan Unit 30-4	21 D	22-30N- 4W	8-19-58	1394 MCF	7568	4598 CO 4578	SWF 4304-4572	5-1/2 4597
San Juan Unit 30-4	22 M	3-30N- 4W	8- 2-58	4932 MCF	7266	4370	SWF 4078-4336	5-1/2 4360
San Juan Unit 30-4	23 P	4-30N- 4W	9- 8-58	1538 MCF	7277	4408 CO 4376	SWF 4088-4374	5-1/2 4407
San Juan Unit 30-4	24 I	9-30N- 4W	6- 3-58	P & A	7474	4583	SWF 4272-4546	5-1/2 4583
San Juan Unit 30-4	26 K	17-30N- 4W	7-14-58	2074 MCF	7300	4330 CO 4310	SWF 4028-4300	5-1/2 4329
San Juan Unit 30-4	27 O	20-30N- 4W	6-19-58	3317 MCF	7552	4558 CO 4520	SWF 4270-4510	5-1/2 4558

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
BLANCO, SOUTH - PICTURED CLIFFS								
Benson-Montin-Greer Hill	2 L	22-25N- 3W	1-17-58	607 MCF	7350	3869 PB 3829	SWF 3756-3809	5-1/2 3862
Caulkins Oil Breech	310 P	13-26N- 7W	10-21-58	1541 MCF	6145	2475	SWF 2356-90	5-1/2 2460
Breech "C"	328 P	13-26N- 6W	8- 2-58	1963 MCF	6608	3126	SWF 3029-84	5-1/2 3126
Elliott, Kent Leeson	1 D	27-25N- 3W	9- 2-58	?	7394	3860 PB 3846	SWF 3786-3832	5-1/2 3860
Leeson	2 L	27-25N- 3W	10-?-58	?	7205	3650 PB 3634	SWF 3578-3622	5-1/2 3650
El Paso Natural Gas Canyon Largo Unit	11 D	3-25N- 6W	4-24-58	2247 MCF	6787	2995 CO 2970	SWF 2910-2960	5-1/2 2994
Canyon Largo Unit	12 A	10-25N- 6W	4-29-58	1437 MCF	6787	2934 CO 2913	SWF 2870-2912	5-1/2 2933
Canyon Largo Unit	13 A	14-25N- 6W	5- 3-58	2245 MCF	6667	2786 CO 2732	SWF 2692-2730	5-1/2 2785
Canyon Largo Unit	24 M	2-25N- 6W	5- 8-58	1694 MCF	6671	2858 CO 2845	SWF 2794-2840	5-1/2 2857
Jicarilla "B"	8 G	28-25N- 4W	11-21-58	4842 MCF	6936	3318 PB 3290	SWF 3242-78	5-1/2 3315
Jicarilla "B"	9 K	28-25N- 4W	11-14-58	4175 MCF	6931	3269 PB 3224	SWF 3190-3210	5-1/2 3268
Jicarilla "B"	10 K	34-25N- 4W	12- 4-58	2952 MCF	7043	3355 PB 3325	SWF 3244-3312	5-1/2 3354
Jicarilla "C"	5 P	22-25N- 4W	12-22-58	1959 MCF	7011	3470 PB 3429	SWF 3388-3424	5-1/2 3469
Jicarilla "D"	4 J	29-25N- 4W	11- 7-58	2397 MCF	6903	3217 PB 3174	SWF 3102-3164	5-1/2 3216
Jicarilla "E"	6 P	20-25N- 4W	3- 9-58	6286 MCF	7048	3448 PB 3400	SWF 3322-58	5-1/2 3447
Jicarilla "E"	9 D	19-25N- 4W	2- 9-58	6277 MCF	6929	3291 PB 3254	SWF 3186-3210	5-1/2 3290
Jicarilla "E"	10 E	18-25N- 4W	7- 4-58	6952 MCF	7431	3837 PB 3800	SWF 3750-88	5-1/2 3836
Jicarilla "E"	11 M	19-25N- 4W	12-11-58	3722 MCF	7007	3264 PB 3216	SWF 3168-92	5-1/2 3264
Jicarilla "F"	9 O	15-26N- 5W	6-24-58	3398 MCF	6649	3279 PB 3230	SWF 3175-3218	5-1/2 3278
Jicarilla "F"	10 M	15-26N- 5W	6-17-58	4537 MCF	6605	3201 PB 3160	SWF 3091-3153	5-1/2 3200
Jicarilla "F"	15 E	15-26N- 5W	8- 8-58	3237 MCF	6648	3301 PB 3258	SWF 3191-3229	5-1/2 3300
Jicarilla "F"	16 G	15-26N- 5W	8-18-58	2604 MCF	6679	3311 PB 3267	SWF 3210-62	5-1/2 3310
Jicarilla "G"	2 O	23-26N- 5W	6-11-58	4087 MCF	6580	3156 PB 3120	SWF 3056-3103	5-1/2 3155
Jicarilla "G"	3 M	24-26N- 5W	5- 3-58	2209 MCF	6589	3201 PB 3160	SWF 3112-52	5-1/2 3200
Jicarilla "G"	4 I	24-26N- 5W	7-12-58	3544 MCF	6612	3259 PB 3220	SWF 3156-3208	5-1/2 3257
Jicarilla "G"	5 H	24-26N- 5W	5-12-58	2092 MCF	6641	3322 PB 3286	SWF 3190-3241	5-1/2 3321
Jicarilla "G"	6 C	24-26N- 5W	7- 1-58	2392 MCF	6642	3309 PB 3260	SWF 3232-46	5-1/2 3308
Jicarilla "G"	7 G	23-26N- 5W	7-18-58	3291 MCF	6629	3242 PB 3213	SWF 3163-3202	5-1/2 3241
Jicarilla "G"	8 E	23-26N- 5W	6- 5-58	2821 MCF	6671	3272 PB 3248	SWF 3127-3224	5-1/2 3271
Jicarilla "G"	9 M	14-26N- 5W	9- 7-58	5161 MCF	6969	3620 PB 3563	SWF 3517-54	5-1/2 3618
Jicarilla "G"	10 P	14-26N- 5W	10-12-58	2845 MCF	6683	3377 PB 3337	SWF 3264-3318	5-1/2 3376



COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
BLANCO, SOUTH - PICTURED CLIFFS (cont.)								
El Paso Natural Gas								
Jicarilla "G"	11 M	13-26N- 5W	10- 5-58	3192 MCF	6689	3377 PB 3327	SWF 3271-3321	5-1/2 3376
Jicarilla "G"	12 P	13-26N- 5W	5-29-58	696 MCF	7211	3938 PB 3880	SWF 3822-3866	5-1/2 3934
Jicarilla "G"	13 A	13-26N- 5W	10-31-58	1191 MCF	6830	3577 PB 3531	SWF 3452-3505	5-1/2 3576
Jicarilla "G"	14 D	13-26N- 5W	8-29-58	269 MCF	7279	3994 PB 3927	SWF 3861-3911	5-1/2 3983
Jicarilla "G"	15 G	14-26N- 5W	9-26-58	2236 MCF	7233	3927 PB 3881	SWF 3826-66	5-1/2 3926
Jicarilla "G"	16 E	14-26N- 5W	9-16-58	1153 MCF	6957	3642 PB 3593	SWF 3522-57	5-1/2 3641
Jicarilla "H"	12 M	7-24N- 4W	8-16-58	1070 MCF	6807	2880 PB 2854	SWF 2766-2838	5-1/2 2880
Jicarilla "H"	13 A	7-24N- 4W	2-15-58	1153 MCF	6764	2888 PB 2845	SWF 2746-2662	5-1/2 2887
Jicarilla "H"	15 K	8-24N- 4W	2-27-58	484 MCF	6690	2769 PB 2755	SWF 2673-2746	5-1/2 2768
Jicarilla "H"	16 J	8-24N- 4W	3-16-58	592 MCF	6697	2809 PB 2781	SWF 2682-2771	5-1/2 2808
Jicarilla "J"	16 A	17-26N- 5W	7-25-58	2392 MCF	6639	3248 PB 3200	SWF 3132-90	5-1/2 3247
Johnston State	4 M	36-26N- 6W	5-16-58	2708 MCF	6356	2687 CO 2640	SWF 2563-2616	5-1/2 2678
Johnston State	5 O	36-26N- 6W	5-13-58	2729 MCF	6377	2683 CO 2670	SWF 2602-2658	5-1/2 2683
Johnston State	6 E	36-26N- 6W	7-16-58	2191 MCF	6618	2956 PB 2930	SOF 2918-3866	6-1/2 2957
Johnston State	7 A	36-26N- 7W	7-20-58	P & A	6521	2695		8-5/8 127
Lindrith Unit	23 O	9-24N- 3W	5-12-58	1754 MCF	6892	3194 PB 3160	SWF 3074-3120	5-1/2 3193
Lindrith Unit	24 A	11-24N- 3W	5-20-58	1269 MCF	7059	3388 PB 3370	SWF 3264-3358	5-1/2 3387
Lindrith Unit	26 K	24-24N- 3W	6- 1-58	3325 MCF	7124	3229 PB 3215	SWF 3146-3202	5-1/2 3228
Lindrith Unit	27 M	8-24N- 2W	6-14-58	?	7213	3394 PB 3345	SWF 3278-3340	5-1/2 3390
Rincon Unit	103 I	16-27N- 6W	3-26-58	2740 MCF	6495	3246 CO 3210	SWF 3154-3200	5-1/2 3245
Rincon Unit	104 H	16-27N- 6W	3- 7-58	3167 MCF	6669	3422 CO 3385	SWF 3314-3364	5-1/2 3420
Rincon Unit	105 I	17-27N- 6W	3-15-58	2498 MCF	6621	3319 CO 3260	SWF 3222-3244	5-1/2 3318
Rincon Unit	106 O	18-27N- 6W	4-18-58	1772 MCF	6631	3295 CO 3243	SWF 3184-3220	5-1/2 3294
Rincon Unit	109 D	19-27N- 6W	2- 9-58	2405 MCF	6598	3252 CO 3180	SWF 3112-3166	5-1/2 3246
Rincon Unit	110 O	19-27N- 6W	2-22-58	2516 MCF	6565	3200 CO 3158	SWF 3076-3130	5-1/2 3199
Rincon Unit	111 E	20-27N- 6W	4-20-58	1700 MCF	6500	3165 PB 3113	SWF 3046-3072	5-1/2 3164
Rincon Unit	112 O	20-27N- 6W	2-22-58	1567 MCF	6623	3286 PB 3257	SWF 3170-3214	5-1/2 3285
Rincon Unit	114 K	20-27N- 6W	2- 7-58	1404 MCF	6557	3222 CO 3140	SWF 3090-3122	5-1/2 3221
Rincon Unit	116 D	21-27N- 6W	2- 1-58	2024 MCF	6667	3362 CO 3330	SWF 3266-3314	5-1/2 3361
Rincon Unit	117 I	21-27N- 6W	3- 3-58	2993 MCF	6525	3218 PB 3180	SWF 3130-3174	5-1/2 3218
Rincon Unit	118 A	22-27N- 6W	3-23-58	1792 MCF	6526	3284 CO 3243	SWF 3199-3239	5-1/2 3283
Rincon Unit	119 M	22-27N- 6W	3- 8-58	4633 MCF	6532	3234 PB 3190	SWF 3138-3172	5-1/2 3233

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
BLANCO, SOUTH - PICTURED CLIFFS (cont.)								
El Paso Natural Gas Rincon Unit	120 E	22-27N- 6W	3-15-58	5396 MCF	6497	3223 CO 3206	SWF 3138-3170	5-1/2 3221
Rincon Unit	121 O	23-27N- 6W	6-13-58	1860 MCF	6694	3423 PB 3410	SWF 3329-85	5-1/2 3422
Rincon Unit	122 I	26-27N- 6W	4-10-58	2665 MCF	6634	3361 CO 3347	SWF 3258-3412	5-1/2 3360
Sanchez "A"	1 N	20-26N- 6W	6-27-58	1177 MCF	6703	3005 CO 2990	SWF 2961-2979	5-1/2 3000
San Juan Unit 28-6	83 O	14-27N- 6W	6- 9-58	1420 MCF	6616	3399 CO 3380	SWF 3318-3366	5-1/2 3390
San Juan Unit 28-6	84 I	15-27N- 6W	4- 3-58	1753 MCF	6462	3246 CO 3210	SWF 3150-3202	5-1/2 3245
San Juan Unit 28-7	83 F	5-27N- 7W	1-24-58	1226 MCF	6782	3421 CO 3370	SWF 3306-3340	5-1/2 3406
San Juan Unit 28-7	90 C	21-27N- 7W	2- 1-58	867 MCF	6532	3050 CO 3018	SWF 2934-3004	5-1/2 3041
Saunders So. Petr. State	1 P 3 C	25-26N- 6W 32-26N- 6W	8- 8-58 7-13-58	3085 MCF 3862 MCF	6581 6210	2951 2428 CO 2384	SWF 2876-2930 SWF 2340-2384	5-1/2 2950 5-1/2 2419
La Plata Gathering System Abraham	1 E	24-24N- 2W	7-29-58	622 MCF	7468	3505	SWF 3412-3428	8-5/8 3429
Abraham	2 G	24-24N- 2W	9-10-58	?	7432	3464	SWF 3356-3370	8-5/8 3360
McLane, Alfred E. Hall	1 C	28-25N- 3W	4- 7-58	295 MCF	7195	3666	SWF 3548-3588	5-1/2 3665
McLane-Hall	2 H	33-25N- 3W	8- 7-58	389 MCF	7175	3584	SWF 3496-3717	5-1/2 3582
McLane-Hall	3 H	21-25N- 3W	11-30-58	1144 MCF	7438	3943	SWF 3866-3899	5-1/2 3941
McLane-Hall	4 M	21-25N- 3W	11-24-58	2501 MCF	7490	3981	SWF 3922-3940	5-1/2 2980
McMillan, Hugh Gilcrease-Gardner Hall	1 I 5 E	17-24N- 3W 21-25N- 3W	6-15-58 6-30-58	1259 MCF 700 MCF	7143 7364	3360 3890 PB 3885	SWF 3217-3317 SWF 3785-3836	5-1/2 3360 5-1/2 3890
Northwest Production Corp. Jicarilla "C"	12 O	7-25N- 4W	1- 2-58	2297 MCF	7366	3700 PB 3683	SWF 3568-3598	5-1/2 3694
Jicarilla "C"	18 E	29-26N- 4W	2-10-58	P & A	?	2433		8-5/8 136
Occidental Petroleum Jicarilla "W"	2 M	8-26N- 5W	5-22-58	2167 MCF	6681	3429	SWF 3208-3246	5-1/2 3416
Pan American Petroleum Corp. Burns, T. D., "A"	1 G	31-26N- 5W	8-7-58	8155 MCF	6407	2780 PB 2747	SWF 2682-2716	5-1/2 2779
Jicarilla Cont. 155	9 G	30-26N- 5W	11-11-58	15,032 MCF	6689	3120 PB 3085	SWF 3028-3066	4-1/2 3120
Jicarilla Cont. 155	10 M	30-26N- 5W	11-29-58	3008 MCF	6595	2974 PB 2956	SWF 2923-2932	4-1/2 2975
Jicarilla Cont. 155	11 K	31-26N- 5W	12- 8-58	7790 MCF	6639	2947 PB 2912	SWF 2883-2898	4-1/2 2947
San Juan Gas Corp. Federal "A"	1 G	23-24N- 2W	11- 8-58	444 MCF	7368	3440 CO 3426	SWF 3336-3398	5-1/2 3440
Federal "A"	25 C	25-24N- 2W	5-10-58	1618 MCF	7495	3483 CO 3465	SWF 3360-3420	5-1/2 3482
Federal "B"	23 P	23-24N- 2W	1-15-58	845 MCF	7330	3319 PB 3285	SWF 3227-3275	5-1/2 3319
Federal "B"	36 I	36-24N- 2W	4-28-58	P & A	7386	3245		8-5/8 139
Schultz, Frank A. Hill	3 J	20-24N- 3W	6- 8-58	1186 MCF	6914	3047	SWF 2974-3016	5-1/2 3046
Hill	5 C	20-24N- 3W	9-15-58	1907 MCF	6898	3073	SWF 2975-90, 3006-18	8-5/8 3034

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL SIZE	STRING DEPTH
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BLANCO, SOUTH - PICTURED CLIFFS (cont.)

Skelly Oil Anderson "A"	2 P	25-24N- 2W	7- 2-58	1120 MCF	7535	3440	SWF 3320-3399	5-1/2	3440
McConnell	7 D	30-25N- 3W	5- 6-58	1000 MCF	7187	PB 3409 3662	SWF 3564-3626	5-1/2	3650
McConnell	8 M	29-25N- 3W	6- 6-58	700 MCF	7488	PB 3630 3968	SWF 3832-3920	5-1/2	3967
McConnell	9 P	29-25N- 3W	6-17-58	1450 MCF	7344	PB 3948 3820	SWF 3690-3761	5-1/2	3820
McConnell	10 H	29-25N- 3W	8- 2-58	1090 MCF	7421	PB 3788 3924	SWF 3796-3820	5-1/2	3923
McConnell	11 D	29-25N- 3W	8-13-58	1101 MCF	7376	PB 3890 3865	SWF 3751-3809	5-1/2	3865
McConnell	12 H	30-25N- 3W	8-25-58	1160 MCF	7342	PB 3829 3827	SWF 3703-3757	5-1/2	3827
Rentz, Lydia	5 P	20-25N- 3W	9- 7-58	1084 MCF	7360	PB 3790 3962	SWF 3778-3819	5-1/2	3961
Rentz, Lydia	6 N	20-25N- 3W	9-20-58	651 MCF	7367	PB 3922 3900	SWF 3773-3808	5-1/2	3900
Williams, P.	1 A	35-26N- 6W	1-12-58	1630 MCF	6686	PB 3870 3020	SWF 2915-2971	5-1/2	3016
Williams, P.	2 E	35-26N- 6W	10-12-58	1616 MCF	6330	PB 2981 2652	SWF 2538-2592	5-1/2	2651
Smith & Maroski Gilcrease	2 M	8-25N- 3W	8-30-58	T A	7107	PB 2620 3770			
Southern Union Gas Jicarilla "F"	2 K	33-26N- 4W	6-27-58	2535 MCF	6847	3535	SWF 3400-3448	5-1/2	3533
Jicarilla "H"	3 L	19-26N- 4W	6-25-58	3001 MCF	6627	3312	SWF 3200-3250	5-1/2	3251
Jicarilla "J"	3 D	26-26N- 5W	7-10-58	2755 MCF	6556	3180	SWF 3018-58	5-1/2	3163
Jicarilla "K"	7 O	12-25N- 5W	5-31-58	5699 MCF	7391	3872	SWF 3704-3764	5-1/2	3873
Jicarilla "K"	8 D	12-25N- 5W	6- 8-58	4847 MCF	6993	3487	SWF 3338-3378	5-1/2	3486
Sun Oil Co. Phillips, Fred, Gov't	4 H	32-25N- 3W	1- 9-58	2575 MCF	7205	3671		5-1/2	3671

BLANCO, SOUTH - TOCITO

Caulkins Oil Breech "E"	104 P	5-26N- 6W	11-15-58	232 BO	6505	6746	SOF 6701-11	7	6746
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CANYON LARGO - PICTURED CLIFFS

El Paso Natural Gas Canyon Largo Unit	1 O	3-24N- 6W	4-28-58	594 MCF	6407	2258	SWF 2062-2174	5-1/2	2257
Canyon Largo Unit	2 F	4-24N- 6W	5-13-58	444 MCF	6670	CO 2200 2478	SWF 2368-3458	5-1/2	2476
Canyon Largo Unit	8 A	1-24N- 7W	5-27-58	3047 MCF	6854	CO 2475 2591	SWF 2496-2522	5-1/2	2589
Canyon Largo Unit	18 L	35-25N- 7W	7-31-58	5103 MCF	6905	CO 2550 2620	SWF 2516-2583	5-1/2	2619
Canyon Largo Unit	47 F	32-25N- 6W	5-22-58	2907 MCF	6785	CO 2584 2682	SWF 2545-2632	5-1/2	2680
						CO 2638			

CHOZA MESA - PICTURED CLIFFS

El Paso Natural Gas San Juan Unit 29-4	15 G	25-29N- 4W	10-23-58	P & A	7003	4000	SWF 3678-3944	5-1/2	4000
San Juan Unit 29-4	16 A	36-29N- 4W	10-1-58	635 MCF	7045	CO 3976 4034	SWF 3760-4006	5-1/2	4034
						CO 4020			

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INI L. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE</u>	<u>DEPTH</u>
<u>COMPANERO, EAST - DAKOTA</u>									
El Paso Natural Gas San Juan Unit 27-4	16 M	17-27N- 4W	6-12-58	4412 MCF	6672	8016	Acidized OH 7874- 8016	5-1/2	7874
<u>ESCRITO - GALLUP</u>									
Eastern Petroleum Federal 22	1 N	22-24N- 7W	5-14-58	340 BO	6778	5650 PB 5611	SOF 5560-5590	5-1/2	5649
Pan American Petroleum Corp. Dashko	1 M	15-24N- 7W	4-30-58	20 BO	7090	6139 PB 6073	SOF 5936-6015	5-1/2	6139
Zanotti	1 C	34-24N- 7W	2-15-58	86 BO	6934	5740 PB 5686	SOF 5604-5678	5-1/2	5753
Reese, Val R., & Assoc. Brown 24	1 J	24-24N- 7W	8-25-58	1757 MCF	6652	5623	SOF 5246-5520	5-1/2	5616
Southern Union Gas Ernest	1 D	27-24N- 7W	2-21-58	72 BO	6810	5750	SOF 5572-5601	5-1/2	5737
<u>GAVILAN - PICTURED CLIFFS</u>									
San Juan Gas Corp. Federal "C"	26 D	26-25N- 2W	3-27-58	150 MCF	7313	3524 CO 3500	Acidized 3416-40	5-1/2	3521
Federal "D"	25 I	25-25N- 2W	3-23-58	1341 MCF	7444	3598 CO 3575	SWF 3513-70	5-1/2	3598
Federal "G"	1 G	30-25N- 1W	10-15-58	593 MCF	7642	3867 CO 3830	SWF 3740-80	5-1/2	3866
Fee "C"	1 A	27-25N- 2W	10- 3-58	P & A	7236	3497	SWF 3390-3410, 3356-76	5-1/2	3496
State "D"	36 P	36-25N- 2W	5-28-58	T A	7411	3612			
<u>OTERO - PICTURED CLIFFS</u>									
El Paso Natural Gas Bolack "E"	2 G	1-23N- 6W	7-25-58	888 MCF	6786	2275 CO 2234	SWF 2176-2206	5-1/2	2274
Canyon Largo Unit	3 P	9-24N- 6W	4- 1-58	3561 MCF	6527	2221 CO 2179	SWF 2094-2162	5-1/2	2220
Canyon Largo Unit	5 A	21-24N- 6W	4-21-58	1242 MCF	6797	2405 CO 2370	SWF 2262-2352	5-1/2	2403
Canyon Largo Unit	7 A	27-24N- 6W	5- 6-58	452 MCF	6821	2403 CO 2383	SWF 2266-2340	5-1/2	2401
Canyon Largo Unit	22 J	15-24N- 6W	2-28-58	298 MCF	6558	2302	SWF 2114-2174	5-1/2	2300
<u>OTERO - GALLUP</u>									
Skelly Oil Jicarilla "B"	6 F	32-25N- 5W	1-23-58	1239 BO	6755	6368 PB 6300	SOF 6031-6151	5-1/2	6418
Jicarilla "B"	7 J	32-25N- 5W	4- 3-58	210 BO	6662	6213 PB 6171	SOF 5920-6037	5-1/2	6212
Jicarilla "B"	8 H	31-25N- 5W	4-25-58	309 BO	6730	6225 PB 6207	SOF 5983-6103	5-1/2	6224
Jicarilla "B"	9 O	31-25N- 5W	5-18-58	300 BO	6795	6185 PB 6160	SQF 6030-6130	5-1/2	6182
Jicarilla "B"	10 P	32-25N- 5W	6- 8-58	100 BO	6715	6135 PB 6106	SOF 5983-6082	5-1/2	6134
Jicarilla "B"	11 B	5-24N- 5W	6-26-58	83 BO	6645	6125 PB 6096	SOF 5876-5976	5-1/2	6114
Jicarilla "B"	12 H	32-25N- 5W	8- 4-58	124 BO	6701	6220 PB 6175	SOF 6000-6103	5-1/2	6210
Jicarilla "B"	13 B	32-25N- 5W	8-23-58	106 BO	6743	6245 PB 6142	SOF 6053-6155	5-1/2	6244

COMPANY -LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>OTERO - GALLUP (cont.)</u>								
Skelly Oil Jicarilla "B"	14 D	32-25N- 5W	9-11-58	88 BO	6727	6180 PB 6154	SOF 6022-6124	5-1/2 6178
Jicarilla "B"	15 B	31-25N- 5W	10-24-58	214 BO	6664	6123 PB 6082	SOF 5959-6059	5-1/2 6120
Jicarilla "B"	16 B	6-24N- 5W	11- 1-58	75 BO	6771	6200 PB 6166	SOF 5956-6056	5-1/2 6197
Jicarilla "B"	17 F	5-24N- 5W	11-30-58	20 BO	6636	6100 PB 6020	SOF 5812-5912	5-1/2 3611
Jicarilla "B"	18 F	31-25N- 5W	12-22-58	160 BO	6720	6154 PB 6116	SOF 5985-6086	5-1/2 6152
Jicarilla "C"	20 D	33-25N- 5W	11-25-58	31 BO	6729	6227 PB 6191	SWF 6064-6168	5-1/2 3761
Jicarilla "C"	21 J	28-25N- 5W	12-18-58	24 BO	6635	6253 PB 6207	SOF 6024-6130	5-1/2 6249
<u>OTERO - DAKOTA</u>								
El Paso Natural Gas Jicarilla 5	67 N	29-25N- 5W	11-28-58	4683 MCF	6668	7215 CO 7178	SOF 6981-7084	7-5/8 6490
<u>TAPACITO - PICTURED CLIFFS</u>								
Benson-Montin-Greer Hill	4 B	23-25N- 3W	9- 9-58	6660 MCF	7256	3735 PB 3708	SWF 3662-80	5-1/2 3734
Hill	6 C	23-25N- 3W	10-27-58	6114 MCF	7255	3757 PB 3727	SWF 3681-88	5-1/2 3757
Johnston-Shear Federal	1 O	5-26N- 4W	9-24-58	2268 MCF	7169	4030 PB 4026	SWF 3920-3974	5 4029
McMillan, Hugh Hall	6 I	15-25N- 3W	7-12-58	33,125 MCF	7456	4015	SWF 3886-3923	5-1/2 4015
Pan American Petroleum Corp. Phillips "C"	2 E	15-25N- 3W	11-21-58	15,400 MCF	7424	3954 PB 3870	SWF 3783-3807	4-1/2 3955
Phillips "D"	1 I	10-25N- 3W	7-24-58	7025 MCF	7255	3820 PB 3786	SWF 3737-67	5-1/2 3816
Phillips "E"	1 C	10-25N- 3W	7-30-58	5496 MCF	7192	3785 PB 3752	SWF 3703-28	5-1/2 3783
Rogers, James E. Schmitz	1 A	16-25N- 3W	6-14-58	5907 MCF	7247	3822 PB 3778	SWF 3732-40	5-1/2 3778
Schultz, Frank A. Gardner	1 K	23-25N- 3W	12- 3-58	4893 MCF	7252	3774	SWF 3672-86	5-1/2 3771
Skelly Oil Hurt	2 L	14-25N- 3W	5-28-58	1950 MCF	7343	3863 PB 3838	SWF 3800-3807	5-1/2 3861
Southern Union Gas Lebow	1 D	14-25N- 3W	10-25-58	?	7342	3910	SWF 3816-50	5-1/2 3910
<u>DUAL COMPLETIONS</u>								
<u>BLANCO - MESAVERDE -- BLANCO, SOUTH - DAKOTA</u>								
El Paso Natural Gas Rincon Unit	108 G	19-27N- 6W	11- 8-58	2647 MCF 4819 MCF	6523	7532 CO 7528	SWF 4748-5424 SOF 7287-7521	7-5/8 4680

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>BLANCO - MESAVERDE -- UNDESIGNATED - DAKOTA</u>								
Occidental Petroleum Jicarilla "W"	1 M	8-26N- 5W	4-23-58	632 MCF 1336 MCF	6680	7690 PB 7684	SWF 4944-5494 SWF 7441-7670	7-5/8 3400
<u>BLANCO, SOUTH - PICTURED CLIFFS -- BLANCO - MESAVERDE</u>								
Caulkins Oil Breech "F"	12 A	35-27N- 6W	5-23-58	2102 MCF 3443 MCF	6608	5682	SWF 3214-3254 SWF 4925-5622	7-5/8 3391
El Paso Natural Gas Co. San Juan Unit 27-5	34 M	30-27N- 5W	5-25-58	1691 MCF 4115 MCF	6406	5447	SWF 3096-3150 SWF 4780-5364	7-5/8 3252
San Juan Unit 27-5	35 M	33-27N- 5W	6- 2-58	1462 MCF	6503	5541 CO 5510	SWF 3180-3244	7-5/8 3345
San Juan Unit 28-6	78 A	1-27N- 6W	3- 7-58	1435 MCF 3541 MCF	6505	5693 CO 5645	SWF 5340-5474 SWF 3280-3316	7-5/8 3458
San Juan Unit 28-6	79 M	11-27N- 6W	7- 8-58	4854 MCF 1181 MCF	6278	5395 CO 5376	SWF 5050-5610 SWF 3018-3068	7-5/8 3193
San Juan Unit 28-6	80 G	12-27N- 6W	4- 1-58	3695 MCF 1243 MCF	6433	5553 CO 5505	SWF 4654-5320 SWF 3196-3234	7-5/8 3367
San Juan Unit 28-6	81 M	12-27N- 6W	4-28-58	2997 MCF 4611 MCF	6464	5604 PB 5547	SWF 4954-4968 SWF 3215-3276	7-5/8 3387
San Juan Unit 28-6	82 G	13-27N- 6W	8- 3-58	3684 MCF 1473 MCF	6428	5559 PB 5518	SWF 4850-4970, 5246- 5490 SWF 3176-3268	7-5/8 3349
San Juan Unit 28-6	86 G	24-27N- 6W	6-19-58	2466 MCF 2395 MCF	6352	5449 CO 5447	SWF 5300-5460 SWF 3084-3122	7-5/8 3238
San Juan Unit 28-7	82 A	4-27N- 7W	2- 8-58	3629 MCF 1870 MCF	6722	5722 CO 5700	SWF 5226-5364 SWF 3286-3356	7-5/8 3466
San Juan Unit 28-7	86 K	7-27N- 7W	2-27-58	4547 MCF 1189 MCF	6626	5457 CO 5430	SWF 4958-5656 SWF 3038-3120	7-5/8 3201
San Juan Unit 28-7	88 A	10-27N- 7W	6-13-58	1758 MCF 1822 MCF	6581	5586 CO 5563	SWF 4764-5424	7-5/8 3323
San Juan Unit 28-7	89 M	15-27N- 7W	3-21-58	2795 MCF 8113 MCF	6681	5614 CO 5563	SWF 3144-3174	7-5/8 3354
San Juan Unit 28-7	91 B	34-28N- 7W	5-28-58	2297 MCF 1241 MCF	6089	5110 CO 5061	SWF 5348-5524 SWF 2710-2766	7-5/8 2899
San Juan Unit 28-7	94 N	30-28N- 7W	1- 4-58	4431 MCF 498 MCF	5935	4891 CO 4840	SWF 4380-5034 SWF 2470-2540	7-5/8 2624
San Juan Unit 28-7	96 G	8-27N- 7W	12-25-58	2645 MCF 5882 MCF	6748	5710 CO 5669	SWF 4534-4824 SWF 3237-3278	7-5/8 3457
San Juan Unit 28-7	97 A	21-27N- 7W	12-18-58	1878 MCF 3151 MCF	6587	5470 CO 5446	SWF 5489-5659 SWF 3020-3054	7-5/8 3213
Rincon Unit	107 K	19-27N- 6W	5-23-58	852 MCF 2040 MCF	6603	5566 CO 5517	SWF 5280-5394 SWF 3100-3160	7-5/8 3282
Rincon Unit	115 K	21-27N- 6W	4- 8-58	2803 MCF 1834 MCF	6624	5604 PB 5553	SWF 4754-5492 SWF 3206-3252	7-5/8 3363
				2276 MCF			SWF 4902-5552	

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>BLANCO, SOUTH - PICTURED CLIFFS -- OTERO - CHACRA</u>								
Skelly Oil Jicarilla "C"	19 I	27-25N- 5W	11-15-58	1555 MCF 1262 MCF	6736	3850	SWF 2799-2816 SWF 3658-3784	5-1/2 3870
<u>BLANCO, SOUTH - PICTURED CLIFFS -- UNDESIGNATED - CHACRA</u>								
El Paso Natural Gas Johnston State	3 A	32-26N- 6W	7- 6-58	3096 MCF 2403 MCF	6713	5294 PB 5260	SWF 2876-2894 SWF 3724-3840	7-5/8 3029
Kimbell, Kay Salazar-Federal	1 J	22-25N- 6W	4-23-58	1463 MCF 1803 MCF	6641	3567 PB 3540	SWF 3416-3528 SWF 2568-76	5-1/2 3560
<u>BLANCO, SOUTH - PICTURED CLIFFS -- UNDESIGNATED - MESAVERDE</u>								
El Paso Natural Gas Jicarilla "C"	4 G	16-25N- 4W	5-11-58	386 MCF 1263 MCF	7377	6210 CO 6134	SWF 3812-3840 SWF 5764-6126	7-5/8 3985
<u>TAPACITO - PICTURED CLIFFS -- BLANCO - MESAVERDE</u>								
El Paso Natural Gas San Juan Unit 27-4	17 M	29-27N- 4W	7-10-58	1715 MCF 2413 MCF	6820	5988 CO 5956	SWF 3650-3716 SWF 5768-5948	7-5/8 3830
San Juan Unit 27-5	28 M	25-27N- 5W	8- 4-58	9030 MCF	6675	5800 CO 5771	SWF 3476-3514	7-5/8 3646
San Juan Unit 27-5	29 M	13-27N- 5W	5- 1-58	2497 MCF 1687 MCF	6592	5812 PB 5756	SWF 5586-5756 SWF 3456-3510	7-5/8 3624
San Juan Unit 27-5	31 A	24-27N- 5W	5-20-58	3101 MCF 3944 MCF	6588	5838 CO 5790	SWF 5550-5750 SWF 3446-3502	7-5/8 3607
San Juan Unit 27-5	32 G	25-27N- 5W	8-27-58	3262 MCF 3673 MCF	6675	5837 CO 5810	SWF 5162-5690 SWF 3490-3566	7-5/8 3670
San Juan Unit 27-5	33 G	26-27N- 5W	6-12-58	3636 MCF 5771 MCF	6565	5707 CO 5671	SWF 5642-5796 SWF 3364-3436	7-5/8 3540
San Juan Unit 27-5	36 G	36-27N- 5W	7- 4-58	2334 MCF 5626 MCF	7131	6286 CO 6215	SWF 5506-5650 SWF 3922-3962	7-5/8 4108
Occidental Petroleum Jicarilla "E"	1 M	21-26N- 3W	6-20-58	830 MCF 2566 MCF	7258	6300 PB 6148	SWF 3908-3952 SWF 6074-6146	7-5/8 4100
Jicarilla "E"	2 K	27-26N- 3W	12- 9-58	485 MCF 821 MCF	7397	6336 PB 6310	SWF 3884-4056	7-5/8 4206
<u>UNDESIGNATED - PICTURED CLIFFS -- BLANCO - MESAVERDE</u>								
El Paso Natural Gas San Juan Unit 27-4	19 A	5-27N- 4W	7-29-58	983 MCF 3099 MCF	7178	6455 CO 6405	SWF 4074-4158 SWF 6230-6388	7-5/8 4262
San Juan Unit 27-5	30 A	21-27N- 5W	4- 7-58	9127 MCF 2552 MCF	6580	5723 CO 5670	SWF 3354-3384 SWF 5001-5125, 5497- 5657	7-5/8 3561

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>UNDESIGNATED - PICTURED CLIFFS -- BLANCO - MESAVERDE (cont.)</u>								
El Paso Natural Gas San Juan Unit 27-5	37 A	20-27N- 5W	3- 8-58	1286 MCF	6481	5621 CO 5569	SWF 3270-3330	7-5/8 3445
				3639 MCF			SWF 4914-5532	
Johnston-Shear Jicarilla	1 H	3-26N- 3W	11-28-58	675 MCF	7054	6077 PB 6069	SWF 3706-3800	7 3889
				3478 MCF			SWF 5470-5908	
Magnolia Petroleum Cheney Federal	2 M	17-26N- 2W	7-30-58	T A	7257	6085 PB 6052	SWF 3778-3805	7-5/8 4025
				5200 MCF			SWF 5548-6026	
Featherstone Federal	1 A	19-26N- 2W	8-10-58	1556 MCF	7330	6125 PB 6091	SWF 3823-3877	7-5/8 4096
				3251 MCF			SWF 5602-6090	
Jicarilla "D"	7 M	13-26N- 3W	8- 1-58	?	7332	6175	SWF 3817-3873	7-5/8 4095
				?			SWF 5558-6048	
Jicarilla "D"	8 A	23-26N- 3W	9-25-58	1642 MCF	7303	6120 PB 6058	SWF 3764-3841	7-5/8 4117
				1937 MCF				
Jicarilla "E"	5 A	14-27N- 3W	8- 4-58	617 MCF	6916	6060	SWF 3715-3749	7-5/8 3983
				3221 MCF			SWF 5540-5998	
Jicarilla "F"	5 M	23-27N- 3W	9- 3-58	1065 MCF	7203	6280	SWF 3888-3915	7-5/8 4240
				2462 MCF			SWF 5707-6199	
Jicarilla "F"	6 A	27-27N- 3W	10- 6-58	1165 MCF	7372	6440 PB 6405	SWF 4074-4157	7-5/8 4390
				4146 MCF				
Jicarilla "F"	7 M	24-27N- 3W	10-1-58	T A	7185	6230 PB 6203	SWF 3850-3886	7-5/8 4140
				2405 MCF			SWF 5645-6012	
Jicarilla "G"	5 M	25-27N- 3W	6- 1-58	905 MCF	7359	6350	SWF 3779-4068	7-5/8 4300
				4003 MCF				
Jicarilla "G"	6 M	36-27N- 3W	7-18-58	?	7072	6075	SWF 3712-3792	7-5/8 4008
				?			SWF 5518-6008	
Jicarilla "G"	7 A	36-27N- 3W	8-12-58	T A	7274	6245	SWF 3854-3880	7-5/8 4165
				1024 MCF			SWF 5698-6154	
Jicarilla "G"	8 A	26-27N- 3W	9- 4-58	680 MCF	7213	6260 PB 6226	SWF 3870-96	7-5/8 4170
				3095 MCF				
Jicarilla "H"	7 M	1-26N- 3W	7-18-58	1604 MCF	7057	5980 PB 5946	SWF 3605-3675	7-5/8 3950
				6236 MCF			SWF 5423-5897	
Jicarilla "H"	8 M	12-26N- 3W	8-18-58	1924 MCF	7208	6050	SWF 3694-3756	7-5/8 4010
				4830 MCF			SWF 5476-5977	
Pacific Northwest Pipeline Corp. San Juan Unit 27-5	38 G	16-27N- 5W	7- 1-58	2172 MCF	6618	5807 PB 4807	SWF 3430-3478	5-1/2 5807
				1208 MCF			SWF 5078-5744	
<u>UNDESIGNATED - CHACRA</u>								
Kimbell, Kay Federal	1 H	27-25N- 6W	1-25-58	570 MCF	6772	7221 PB 3800	SOF 3502-3610	
<u>UNDESIGNATED - DAKOTA</u>								
Kimbell, Kay Salazar Federal	1 G	34-25N- 6W	10-23-58	3649 MCF	6365	6726	SOF 6706-22	5-1/2 6725
Warren Federal	1 A	35-25N- 6W	7-21-58	4123 MCF	6763	7060	SOF 7014-7040	5-1/2 7060
Skelly Oil Rentz, Lydia	4 A	19-25N- 3W	6- 5-58	116 BO	7291	8298 PB 8234	SOF 8096-8130	5-1/2 8264



COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>UNDESIGNATED - DAKOTA (cont.)</u>									
Skelly Oil Roberts	3 O	18-25N- 3W	1-20-58	171 BO	?	8180	SOF 7996-8077	5-1/2	8180
Roberts	4 M	17-25N- 3W	7-13-58	104 BO	7193	PB 8144 8220 PB 8167	SOF 8024-56	5-1/2	8201
Texas Company Yarborough Federal	1 J	3-23N- 6W	1-11-58	Swb 75	6789	6685	M/A & SOF 5540- 6530	5-1/2	6685
<u>UNDESIGNATED - GALLUP</u>									
Pan American Petroleum Corp. Jicarilla "A"	1 L	35-25N- 5W	5- 2-58	39 BO	6794	7450	SWF-SOF 6175-6466	7	7559
Jicarilla 148	10 N	14-25N- 5W	8-28-58	55 BO	7053	PB 6944 7807 PB 7650	SOF 6608-6724	7-5/8	3514
Skelly Oil Jicarilla "C"	18 H	28-25N- 5W	10- 1-58	100 BO	6651	2493 MCF 6300	SOF 6092-6168	5-1/2	6298
Jicarilla "D"	2 A	5-23N- 4W	1-10-58	36 BO	7082	PB 6248 6208 PB 6180	SOF 5962-6149	5-1/2	6207
Texas Company Yarborough "B"	1 D	10-23N- 6W	4- 8-58	37 BO	6730	5550 PB 5533	SOF 5434-5524	5-1/2	5549
<u>UNDESIGNATED - MESAVERDE</u>									
Skelly Oil Farming "E"	1 A	2-24N- 6W	10-17-58	3050 MCF	6677	7054 PB 7043	SWF 4637-75	7	7053
<u>UNDESIGNATED - PICTURED CLIFFS</u>									
El Paso Natural Gas Canyon Largo Unit	9 A	4-24N- 7W	5-20-58	3770 MCF	6978	2641	SWF 2494-2546	5-1/2	2640
Canyon Largo Unit	60 A	10-24N- 7W	12-31-58	3008 MCF	6736	CO 2586 2321 CO 2285	SWF 2220-40	5-1/2	2309
Lindrith	26 A	36-24N- 3W	6- 7-58	3634 MCF	7244	3259 PB 3235	SWF 3184-3224	5-1/2	3257
San Juan Unit 30-4	25 I	11-30N- 4W	9-20-58	179 MCF	6903	4016 CO 3980	SWF 3660-3970	5-1/2	4016
Honolulu Oil Jicarilla "A"	1 A	26-26N- 3W	2- 1-58	32 BO	9422	8646 PB 3983	SWF 3888-3960	9-5/8	4094
Magnolia Petroleum Corp. Duff Federal	1 M	27-24N- 1W	7-18-58	2493 MCF	7355	3160	SWF 3058-70	5-1/2	3159
Gardner Federal	1 D	5-23N- 1W	1-21-58	1572 MCF	7685	3470 PB 3419	SWF 3376-3394	5-1/2	3470
McDaniel	1 E	22-24N- 1W	8-10-58	703 MCF	7207	3070	SWF 2984-2996	5-1/2	3070
Wasson Federal	1 A	27-24N- 1W	7-29-58	1480 MCF	7213	2950 PB 2917	SWF 2877-94	5-1/2	2950
Werntz Federal	1 H	21-24N- 1W	6-11-58	1549 MCF	7283	3121 PB 3080	SWF 3041-56	5-1/2	3121
Southern Union Gas Jicarilla "B"	3 K	35-26N- 4W	7- 3-58	722 MCF	7225	3900	SWF 3770-3842	5-1/2	3902
<u>DRY WILDCATS</u>									
El Paso Natural Gas Canyon Largo Unit	10 D	10-24N- 7W	6- 3-58	P & A	7032	2650	SWF 2474-2552	5-1/2	2649
San Juan Unit 30-4	29 D	24-30N- 4W	9-26-58	P & A	7336	4450 CO 4408	SWF 4050-4350	5-1/2	4445
Hickman, Felix Jicarilla	1 A	28-24N- 4W	12-12-58	P & A	6898	7380		9-5/8	224

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>DRY WILDCATS (cont.)</u>								
McMillan, Hugh San Juan Gas	1 P	22-26N- 2W	?- ?-58	T A	?	150		
Pan American Petroleum Corp. Rosa Unit	33 P	22-31N- 4W	7- 9-58	T A	7220	4317	SWF 4075-4100	5-1/2 4317
Sharples Oil Corp. Gonzales	1 C	2-31N- 1E	10- 9-58	P & A	7712	1096		13-3/8 35
Gonzales	2 P	11-31N- 1E	10-28-58	D & A	7497	998		10-3/4 312
Skelly Oil Hurt, W. F.	1 C	13-25N- 3W	4-28-58	P & A	7318	6179	SWF 3790-3820	10-3/4 154
Texota Oil Federal "A"	1 E	17-26N- 1E	6-21-58	P & A	7207	5125		10-3/4 217
<u>ROOSEVELT COUNTY</u>								
<u>ALLISON, NORTH - PENNSYLVANIAN</u>								
Atlantic Refining Federal Yates	1 H	35- 8S- 36E	12-29-58	F 374.4 BO	4067	9730 PB 9721	R/A 500 g 9686-96	5-1/2 9730
<u>MILNESAND - SAN ANDRES</u>								
M-N Associates Luman	1 A	23- 8S-34E	9- 3-58	P 59 BO	4250	4630 PB 4629	M/A 1000 g + Sf 15,000 g 4610-20	7-5/8 4630
Weathersby	1 D	24- 8S-34E	6-19-58	P 15 BO	4256	4677 PB 4633	M/A 750 g + R/A 3000 g 4554-4620	5-1/2 4677
<u>MILNESAND - PENNSYLVANIAN</u>								
Lario Oil & Gas Federal "A"	1 J	14- 8S-34E	5- 1-58	F 396 BO	4273	9321 PB 9294	M/A 500 g 9270-82	5-1/2 9310
Heilman	1 H	14- 8S-34E	6-27-58	F 291 BO	4268	9288 PB 9282	M/A 500 g + R/A 10,000 g 9250-83	5-1/2 9286
Magnolia Petroleum Haley, A. R.	4 L	13- 8S-34E	6-12-58	F 143 BO	4269	9304 PB 9302	R/A 2500 g 9284-92	10-3/4 444
Hefflefinger	2 D	18- 8S-35E	4- 2-58	P 12 BO	4249	9310 PB 9250	R/A 7000 g 9223-27	7-5/8 4950
Hefflefinger	3 H	18- 8S-35E	4-18-58	T A	4239	9340 PB 4850		7-5/8 4950
Jacobs Federal	3 J	18- 8S-35E	2- 2-58	F 172 BO	4237	9273 PB 9209	R/A 1000 g 9177-89	7-5/8 4920
Sunray Mid-Continent Oil N. M. Federal "F"	3 E	13- 8S-34E	10-10-58	P & A	4268	9326		8-5/8 4006
<u>MILNESAND, EAST - PENNSYLVANIAN</u>								
Texas Company Champeau Federal	1 E	12- 8S-35E	9-23-58	P 16 BO	4175	9809 PB 9578	R/A 27,170 g 9282- 9536	5-1/2 9610
<u>WILDCATS</u>								
Atlantic Refining Pebworth, Mary A.	1 M	25- 8S-36E	3-14-58	P & A	4075	12,900		9-5/8 4569
Hammon, Jake L. Davis & Beebee	1 O	9- 8S-34E	6- 1-58	P & A	4297	9503		8-5/8 4690

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE</u>	<u>DEPTH</u>
<u>WILDCATS (cont.)</u>									
Kerr-McGee Oil Industries, Inc. Davis	1 N	26- 7S-34E	5-15-58	P & A	4260	4655		10-3/4	404
Murphy-Dyer Drilling Davis	1 D	8- 8S-34E	4-30-58	P & A	4314	4606		8-5/8	354
Texas Company Hefflefinger, W. C.	1 H	6- 8S-35E	12- 4-58	P & A	4252	11,090		9-5/8	3900
<u>SANDOVAL COUNTY</u>									
<u>UNDESIGNATED - PICTURED CLIFFS</u>									
Florance, M. J. Stromberg	1 J	20-23N- 3W	12-30-58	2500 MCF	7240	3000	SWF 2952-60	4-1/2	2970
Magnolia Petroleum Jicarilla "L"	1 D	19-23N- 2W	10-13-58	708 MCF	7407	3250 PB 3198	SWF 3118-29	5-1/2	3229
<u>UNDESIGNATED - GALLUP</u>									
Plymouth Silver (Federal)	1 B	14-22N- 6W	3-21-58	62 BO	7083	5500	M/A & SOF 5293-4302, 5-1/2 5361-91, 5427-33		5500
<u>UNDESIGNATED - DAKOTA</u>									
Sunray Mid-Continent Oil Apache, M. M.	1 M	21-23N- 5W	12-22-58	520 MCF	6662	6601	SWF 6284-6432	5-1/2	6601
<u>DRY WILDCATS</u>									
Brinkerhoff Drilling Gov't. White	1 D	6-21N- 4W	7-29-58	P & A	7058	6382		8-5/8	239
Davis Oil Gov't. Locke	1 B	32-21N- 6W	4- 6-58	P & A	6317	5448		9-5/8	149
Gov't. Locke "B"	1 P	10-21N- 6W	5- 2-58	P & A	6955	5801		8-5/8	205
Gov't. Co-op	1 D	20-21N- 7W	1-13-58	P & A	6795	5295		9-5/8	75
Entrada Corp. Federal	1 A	33-18N- 3W	6- 7-58	P & A	6460	880		16	30
Federal	2 A	33-18N- 3W	6-25-58	P & A	6464	401		8-5/8	21
La Rue, E. B., Jr. Federal	1 P	31-23N- 7W	7-19-58	P & A	6832	6015		9-5/8	100
Late Oil Gulf-Federal	1 L	28-18N- 1W	10-30-58	P & A	6774	1563		8-5/8	143
Texota Oil Federal	1 E	23-23N- 7W	1-16-58	P & A	7154	5580		8-5/8	225
<u>SAN JUAN COUNTY</u>									
<u>ANGELS PEAK - GALLUP</u>									
Weaver, W. R. McAdams	1 F	34-27N-10W	2- 9-58	9010 MCF + 72 BO Dist.	6721	6289	Perfs 6252-6284	7-5/8	5054

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>ANGELS PEAK - DAKOTA</u>									
Sunset Int. Petroleum Kutz-Federal "M"	2 M	27-28N-10W	7-24-58	7304 MCF	5921	6565	SWF 6333-6492	7-5/8	4490
<u>AZTEC - FRUITLAND</u>									
Douglas Corp. Martin	1 H	24-29N-11W	7- 8-58	4250 MCF	5482	1825 PB 1750	SWF 1525-1557	4-1/2	1805
Roberts, Elvis Pearce, Grace	1 O	22-29N-11W	7-22-58	4640 MCF	5425	1620 PB 1481	SWF 1380-1466	4-1/2	1495
Schultz, Frank A. State	11 D	36-29N-11W	11-30-58	3069 MCF	5668	1972	SWF 1625-35	5-1/2	1971
<u>AZTEC - PICTURED CLIFFS</u>									
Aztec Oil & Gas Hampton	3 A	14-30N-11W	6-28-58	2747 MCF	5943	2495 PB 2474	SWF 2414-2472	5-1/2	2495
Nye	5 C	12-30N-11W	7- 2-58	2266 MCF	5938	2579 PB 2543	SWF 2474-2540	5-1/2	2579
El Paso Natural Gas Quigley "A"	1 C	1-29N-10W	12-10-58	682 MCF	5873	2485 CO 2470	SWF 2366-2410	5-1/2	2485
San Jacinto	5 E	21-29N-10W	10-10-58	3254 MCF	5634	2053 CO 1999	SWF 1938-82	5-1/2	2053
Schram	1 J	23-30N-11W	2-12-58	4717 MCF	6057	2606 PB 2574	SWF 2486-2534	5-1/2	2605
Seymour State	1 C	36-30N-11W	3-11-58	869 MCF	5919	2406 CO 2354	SWF 2230-2344	5-1/2	2405
Sunray "D"	3 M	21-30N-10W	3-24-58	632 MCF	6340	3009 CO 2972	SWF 2864-2910	5-1/2	3009
Sunray "F"	2 H	1-29N-10W	3- 3-58	2205 MCF	5865	2549 CO 2507	SWF 2380-2426	7-5/8	2549
Woolley	1 A	8-29N-11W	6-15-58	P & A	5726	2100 CO 1940	SWF 1700-1970	5-1/2	2099
Long, Robert H. Wood	1 A	35-30N-11W	10-14-58	P & A	5885	2134		8-5/8	100
McKay, Payne & Zachry Maxwell "F"	1 F	1-30N-12W	6- 2-58	?	5818	2310	SWF 2210-2228	5-1/2	2305
Uptegrove	1 P	2-30N-12W	6-14-58	?	5716	2208	SWF 2068-2080	5-1/2	2199
Mims, Robert Jackson	2 K	30-30N-11W	7-13-58	1037 MCF	5727	6430 PB 2300	SWF 1985-2025	5-1/2	2088
Northwest Production Corp. San Juan Unit 29-9	1 C	35-29N- 9W	2-22-58	2749 MCF	5666	2220 PB 2203	SWF 2074-2130	4-1/2	2220
Pacific Northwest Pipeline Corp. Aztec 30-10	1 H	32-30N-10W	3-13-58	4245 MCF	6031	2640 PB 2631	SWF 2476-2522	5-1/2	2640
Aztec 30-11	1 P	36-30N-11W	1- 8-58	842 MCF	6010	2574	SWF 2400-2449	5-1/2	2574
Pan American Petroleum Corp. Abrams Gas Unit "D"	1 I	29-29N-10W	4-18-58	3042 MCF	5535	1875 PB 1850	SOF 1813-1836	5-1/2	1875
Maddox Gas Unit "B"	1 O	27-29N-10W	10-16-58	5817 MCF	5544	1940 PB 1891	SOF 1829-1875	5-1/2	1939
Wallace Gas Unit	2 C	35-31N-11W	1- 6-58	1065 MCF	5685	2388 PB 2325	SWF 2290-2315	5-1/2	2393
The Texas Company St. N.M. Gas Unit "B"	1 D	36-30N-10W	9- 3-58	1719 MCF	5954	2600 PB 2557	SWF 2508-42	4-1/2	2600

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>AZTEC - PICTURED CLIFFS (cont.)</u>								
Trigg, John H.								
Federal "T" S. J.	1 F	14-30N-11W	2- 4-58	1006 MCF	5900	2450	SWF 2361-2388	7 2437
Federal 31	1 C	31-30N-11W	9-30-58	T A	5807	2150		
White, Ted M.								
San Juan Unit 29-9	2 L	33-29N- 9W	11-13-58	2452 MCF	6229	5038	SWF 2550-2596	7 2705
San Juan Unit 29-9	3 E	33-29N- 9W	11-24-58	2297 MCF	6060	2555	SWF 2400-2460	5-1/2 2539
<u>BALLARD - PICTURED CLIFFS</u>								
El Paso Natural Gas								
Brookhaven State	8 A	36-26N- 9W	8-16-58	P & A	6295	2200		8-5/8 127
Huerfano Unit	100 K	22-26N- 9W	10-31-58	P & A	6382	2088		
Magnolia PU	1 I	32-27N- 9W	10-14-58	158 MCF	6486	2393	SWF 2288-2310	5-1/2 2392
						CO 2337		
Mitcham State	1 G	2-25N- 8W	9-26-58	295 MCF	6961	2773	SWF 2660-2740	5-1/2 2773
Quitzaú	12 K	10-25N- 8W	10-24-58	P & A	6663	2366		
Quitzaú	13 A	15-25N- 8W	10-27-58	P & A	6680	2391		
Southern Union Gas								
Newsom "B"	5 G	17-26N- 8W	8-30-58	2931 MCF	6364	2239	SWF 2096-2176	5-1/2 2235
White, Ted M.								
Navajo	1 C	9-25N- 8W	9-23-58	F 40 MCF	6496	2214	SWF 2084-2166	
<u>BISTI - LOWER GALLUP</u>								
Amerada Petroleum								
Ka-Da-Pa	2 K	4-25N-12W	6- 2-58	290 BO	6142	4961	SOF 4900-32	5-1/2 4960
						PB 4945		
Atlantic Refining								
Francisco	1 G	30-25N-10W	6-13-58	322 BO	6213	5182	SOF 5104-42	4-1/2 5181
						PB 5150		
British American Oil								
Douthit "B"	18 C	29-26N-13W	6- 4-58	47 BO	6572	5481	SOF 5330-50	5-1/2 5480
						PB 5450		
Marye	8 O	1-25N-13W	6-11-58	P & A	6239	5000		9-5/8 210
Elliott & Hall								
Federal Elliott "T"	3 F	33-25N-10W	6- 7-58	456 BO	6793	5410	SOF 5321-67	5-1/2 5409
						PB 5373		
Federal Elliott "T"	4 D	33-25N-10W	6-20-58	480 BO	6747	5380	SOF 5270-5314	5-1/2 5379
						PB 5343		
El Paso Natural Gas								
Brookhaven "A"	5 E	29-25N-10W	11-17-58	309 BO	6661	5290	SOF 5170-5214	5-1/2 5286
						CO 5240		
Moss	2 H	3-24N-10W	6-23-58	109 BO	6822	5461	SOF 5358-5410	5-1/2 5459
						CO 5420		
Moss	3 J	3-24N-10W	11-27-58	50 BO	6884	5486	SOF 5377-5430	5-1/2 5482
						CO 5459		
Moss	4 P	3-24N-10W	12- 6-58	38 BO	6868	5460	SOF 5355-5404	5-1/2 5457
						CO 5420		
Humble Oil & Refining								
State N.M. "AY"	1 I	32-25N-10W	1-22-58	501 BO	6803	5415	SOF 5268-5307	5-1/2 5414
						PB 5375		
State N.M. "AY"	2 P	32-25N-10W	4-16-58	2030 MCF	6832	5378	SOF 5301-09, 5268-78	5-1/2 5376
State N.M. "AZ"	1 D	2-24N-10W	2-16-58	703 BO	6784	5520	SOF 5348-94	5-1/2 5517
						PB 5482		
State N.M. "AZ"	2 F	2-24N-10W	10- 1-58	184 BO	6814	5480	SOF 5362-5403	4-1/2 5478
						PB 5444		
State N.M. "AZ"	3 H	2-24N-10W	9-30-58	144 BO	6842	5533	SOF 5410-5460	5-1/2 5531
						PB 5490		
Magnolia Petroleum								
Deet-so-sa	2 J	24-25N-11W	5-27-58	38 BO	6527	5180	SOF 5104-17	5-1/2 5180

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>BISTI - LOWER GALLUP</u>									
Moore, Moore & Miller Scott	3 F	3-24N-10W	9-30-58	480 BO	6863	5471	SOF 5378-5423	5-1/2	5468
Scott	4 H	4-24N-10W	11- 1-58	576 BO	6879	PB 5464 5486	SOF 5348-92	5-1/2	5485
Scott	5 K	3-24N-10W	11-11-58	150 BO	6920	PB 5454 5555 PB 5519	SOF 5402-52	5-1/2	5549
Murchison, Kenneth Murchison Federal	2 P	3-25N-12W	8-22-58	360 BO	6251	5016	SOF 4840-4936	5-1/2	5014
Murchison Federal	3 G	3-25N-12W	9-26-58	75 BO	6224	4980	SOF 4770-4940	10-3/4	4931
Pan American Petroleum Corp. In-Ni-Da-Pah	2 I	4-25N-12W	1- 9-58	146 BO	6275	4943	SOF 4781-4870	5-1/2	4943
Ka-Da-Pah	2 K	3-25N-12W	2- 1-58	25 BO	6201	PB 4895 4990	SOF 4616-4910	5-1/2	4996
Rutter (owwo)	1 D	10-24N-10W	8-29-58	32 BO	6947	PB 4934 5485	SOF 5368-85	5-1/2	5471
State N.M. "AV"	1 J	2-24N-10W	12-12-58	106 BO	6852	PB 5433 5580 PB 5530	SOF 5391-5448	5-1/2	5570
Petro-Atlas, Inc. Atlas "A"	1 M	35-25N-10W	7-21-58	216 BO	6834	5429	SOF 5323-78	5-1/2	5429
Atlas "A"	2 F	34-25N-10W	8- 3-58	160 BO	6735	PB 5396 5437 PB 5408	SOF 5327-79	5-1/2	5433
Reese, Val R., & Assoc. Federal 9	2 A	9-24N-10W	2-17-58	90 BO	6908	5460	SOF 5291-5368	4-1/2	5456
Hickman	1 M	32-26N-12W	1- 7-58	192 BO	?	PB 5369 4925 PB 4924	SOF 4884-4804	4-1/2	4925
Shell Oil Carson Unit 7	24 N	7-25N-11W	10-27-58	270 BO	6336	5040	SOF 4992-5002	4-1/2	5035
Carson Unit 7	34 O	7-25N-11W	10-11-58	180 BO	6363	PB 5030 5080	SOF 4943-5030	4-1/2	5073
Carson Unit 11	13 L	11-25N-12W	9-22-58	160 BO	6247	PB 5063 4920	SOF 4776-4890	4-1/2	4916
Carson Unit 11	22 F	11-25N-12W	10-20-58	211 BO	6354	5060	SOF 4918-5012	4-1/2	5053
Carson Unit 11	33 J	11-25N-12W	9-25-58	303 BO	6349	PB 5049 5045	SOF 4888-4996	4-1/2	5040
Carson Unit 11	44 P	11-25N-12W	6-10-58	584 BO	6370	PB 5025 5035	SOF 4887-4992	4-1/2	5031
Carson Unit 12	13 L	12-25N-12W	9- 8-58	25 BO	6360	PB 5020 5055	SOF 4914-5007	4-1/2	5050
Carson Unit 12	14 M	12-25N-12W	5-23-58	806 BO	6356	PB 5041 5030	SOF 4886-4984	4-1/2	5011
Carson Unit 13	12 E	13-25N-12W	1-22-58	192 MCF + 240 BO	6392	PB 4986 5015	SOF 4875-4992	4-1/2	5005
Carson Unit 13	21 C	13-25N-12W	4-21-58	869 BO	6360	5010	SOF 4860-4974	4-1/2	4998
Carson Unit 13	23 K	13-25N-12W	2- 6-58	493 BO + 135 MCF	6405	PB 5002 5010	SOF 4871-4984	4-1/2	5001
Carson Unit 13	32 G	13-25N-12W	5- 7-58	574 BO	6380	PB 5004 5010	SOF 4877-4991	4-1/2	5006
Carson Unit 14	11 D	14-25N-12W	1- 7-58	799 BO + 252 MCF	6229	PB 5001 4904	SOF 4734-4836	4-1/2	4885
Carson Unit 14	33 J	14-25N-12W	1- 9-58	846 BO + 1644 MCF	6401	PB 4876 5015	SOF 4859-4978	4-1/2	5006
Carson Unit 14	43 I	14-25N-12W	1-16-58	72 MCF + 120 BO	6407	5025	SOF 4874-4989	4-1/2	5013
Carson Unit 14	44 P	14-25N-12W	1- 1-58	352 BO + 96 MCF	6912	5001	SOF 4869-4985	4-1/2	4990
Carson Unit 17	31 B	17-25N-11W	11-23-58	9 BO	6356	5040	SOF 4910-54	4-1/2	5030
Carson Unit 17	32 G	17-25N-11W	6- 3-58	F 344 BO + 296 MCF	6366	5030 PB 4960	SOF 4905-4926	4-1/2	5028

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BISTI - LOWER GALLUP (cont.)								
Shell Oil								
Carson Unit 18	12 E	18-25N-11W	3-18-58	667 MCF + 270 BO	6367	5020 PB 5015	SOF 4880-4988	4-1/2 5018
Carson Unit 18	14 M	18-25N-11W	1-24-58	291 BO	6425	5025 PB 5020	SOF 4877-4997	4-1/2 5013
Carson Unit 18	21 C	18-25N-11W	9-14-58	383 BO	6330	5024 PB 5015	SOF 4883-4980	4-1/2 5015
Carson Unit 18	23 K	18-25N-11W	2-23-58	148 BO + 680 MCF	6388	5010	SOF 4875-4984	4-1/2 5006
Carson Unit 18	41 A	18-25N-11W	9-16-58	339 BO	6390	5070 PB 5059	SOF 4916-5026	4-1/2 5062
Carson Unit 18	43 I	18-25N-11W	2-15-58	96 BO + 60 MCF	6428	5070 PB 5065	SOF 4932-5040	4-1/2 5070
Carson Unit 19	32 G	19-25N-11W	3- 9-58	84 BO + 580 MCF	6415	5015 PB 5008	SOF 4873-4991	4-1/2 5015
Carson Unit 19	41 A	19-25N-11W	3- 3-58	635 BO + 645 MCF	6410	4990 PB 4985	SOF 4865-4982	4-1/2 4986
Carson Unit 23	42 H	23-25N-12W	6- 2-58	499 BO	6390	4945 PB 4920	SOF 4805-4912	4-1/2 4940
Carson Unit 23	43 I	23-25N-12W	8-31-58	160 BO	6408	4945 PB 4930	SOF 4792-4918	4-1/2 4940
Carson Unit 24	21 C	24-25N-12W	4- 4-58	146 BO	6427	5015 PB 5002	SOF 4876-4990	4-1/2 5013
Carson Unit 24	23 K	24-25N-12W	5-22-58	F 532 BO + 442 MCF	6444	4990 PB 4980	SOF 4854-4968	4-1/2 4986
Carson Unit 24	32 G	24-25N-12W	5-28-58	P 125 BO	6448	5010 PB 5002	SOF 4873-4994	4-1/2 5010
Carson Unit 24	43 I	24-25N-12W	1-30-58	112 BO	6450	4995 PB 4980	SOF 4858-4971	4-1/2 4989
Carson Unit 30	11 D	30-25N-11W	10- 2-58	280 BO	6462	4960 PB 4955	SOF 4834-4947	4-1/2 4955
Mudge 6	12 E	16-25N-11W	11-4-58	125 BO	6387	5070 PB 5049	SOF 4943-55	4-1/2 5055
Phillips, L. M.	32 G	10-25N-12W	11-31-58	178 BO	6232	4935 PB 4930	SOF 4798-4898	4-1/2 4930
Phillips, L. M.	41 A	21-25N-12W	9-19-58	56 BO	6260	4850 PB 4845	SOF 4702-4816	4-1/2 4847
Phillips, L. M.	43 I	15-25N-12W	1-14-58	297 BO + 77 MCF	6228	4850 PB 4832	Of 4710-4820	4-1/2 4838
Phillips, L. M.	44 P	15-25N-12W	4-12-58	775 BO	6300	4845 PB 4823	SOF 4708-4818	4-1/2 4845
Skelly Oil								
Duff, A. L.	5 F	20-26N-13W	1- 5-58	155 BO	6536	5430 PB 5394	SOF 5340-5356	5-1/2 5429
Duff, A. L.	6 C	20-26N-13W	2- 6-58	194 BO	6584	5444 PB 5407	SOF 5370-83	5-1/2 5471
Duff, A. L.	7 L	20-26N-13W	2-20-58	190 BO	6556	5400 PB 5384	SOF 5354-5370	5-1/2 5454
Duff, A. L.	8 H	19-26N-13W	5- 1-58	328 BO	6558	5425 PB 5401	SOF 5357-5374	5-1/2 5424
Duff, A. L.	9 D	20-26N-13W	5-18-58	304 BO	6577	5464 PB 5439	SOF 5398-5414	5-1/2 5458
Duff, A. L.	10 B	19-26N-13W	6- 1-58	356 BO	6555	5457 PB 5444	SOF 5359-78	5-1/2 5456
Duff, A. L.	11 J	19-26N-13W	6-15-58	126 BO	6536	5411 PB 5379	SOF 5320-28	5-1/2 5406
Duff, A. L.	12 P	18-26N-13W	7- 2-58	15 BO	6519	5440 PB 5383	SOF 5342-50	5-1/2 5415
Duff, A. L.	13 N	18-26N-13W	7-31-58	135 BO	6529	5438 PB 5399	SOF 5346-64	5-1/2 5437
Duff, A. L.	14 F	19-26N-13W	8-15-58	138 BO	6523	5402	SOF 5318-24	5-1/2 5402
Duff, A. L.	15 D	19-26N-13W	9- 1-58	127 BO	6538	5577 PB 5547	SOF 5340-51	5-1/2 5576
Duff, A. L.	16 L	18-26N-13W	9-16-58	146 BO	6469	5520 PB 5368	SOF 5302-13	5-1/2 5516

<u>COMPANY LEASE</u>	<u>WELL UNIT</u>	<u>SEC., T., R.</u>	<u>COMP. DATE</u>	<u>INIT. PROD. TEST</u>	<u>ELEV.</u>	<u>TOTAL DEPTH</u>	<u>TREATMENT INTERVAL</u>	<u>OIL STRING SIZE DEPTH</u>
<u>BISTI - LOWER GALLUP (cont.)</u>								
Standard Oil of Texas Federal 7	2 D	7-24N- 9W	10-30-58	187 BO	6855	5592 PB 5547	SOF 5430-79	5-1/2 5592
Federal 8	2 N	8-24N- 9W	6-23-58	204 BO	6720	5451 PB 5399	SOF 5278-5325	5-1/2 5445
Federal 9	1 N	1-24N-10W	9-26-58	672 BO	6868	5597 PB 5547	SOF 5439-84	5-1/2 5597
Federal 9	2 B	12-24N-10W	12-28-58	120 BO	6898	5595 PB 5540	SOF 5458-5509	5-1/2 5595
Federal 9	3 L	1-24N-10W	12-6-58	134 BO	6902	5599 PB 5545	SOF 5460-5508	5-1/2 5599
Sunray Mid-Continent Federal "C"	11 C	7-25N-12W	1- 6-58	305 BO	6244	5004	SOF 4847-4917	5-1/2 5004
Federal "C"	20 E	7-25N-12W	6-19-58	173 BO	6290	5050 PB 5012	SOF 4880-4944	5-1/2 5044
Federal "C"	22 C	5-25N-12W	7-13-58	35 BO	6143	4950	SOF 4796-4923	5-1/2 4947
Mar-Ga-Le-Ta	2 P	23-25N-11W	1- 5-58	224 BO	6567	5135	Perfs. 5051-56	5-1/2 5135
Texas Company Navajo "M"	2 F	23-25N-11W	1-28-58	276 BO	6513	5120 PB 5086	SOF 5012-40	5-1/2 5119
Navajo "O"	1 O	15-25N-11W	3-28-58	608 BO	6401	4970 PB 4944	SOF 4901-4911	5-1/2 4969
Navajo "T"	1 M	14-25N-11W	10-13-58	20 BO	6455	5075 PB 5035	SOF 5004-12	5-1/2 5075
<u>BLANCO - MESAVERDE</u>								
Aztec Oil & Gas Culpepper-Martin	8 N	19-32N-12W	4-26-58	2242 MCF	5891	4899 PB 4856	SWF 4614-96	7-5/8 4475
Culpepper-Martin	9 F	30-32N-12W	5-30-58	3797 MCF	5823	4903 PB 4866	SWF 4566-4821	7-5/8 4467
Blackwood & Nichols NE Blanco Unit	43 M	11-31N- 7W	1- 7-58	2862 MCF	6515	5934 PB 5910	SWF 5692-5894, 5458-5674	5-1/2 5920
Colorado Western Gov't. Hancock	1 A	1-31N-13W	3-19-58	2780 MCF	5871	4900 PB 4854	SWF 4556-4773	5-1/2 4899
Ripley	2 H	26-32N-13W	9-16-58	1847 MCF	5908	4801 PB 4757	SWF 4530-4765	5-1/2 4800
Tafoya	1 N	35-32N-13W	1- 2-58	3570 MCF	5889	4900 PB 4882	SWF 4488-4774	5-1/2 4900
Consolidated Oil & Gas Bowie-Thatcher 18	1 G	18-32N-12W	5- 5-58	P & A	5924	5039 PB 2955	Wf 2730-2940	5-1/2 3000
El Paso Natural Gas Aztec "A"	1 M	22-31N-11W	1-28-58	2731 MCF	5851	4909	SWF 4690-4842	7-5/8 4565
Blanco Gas Unit	3 G	1-27N- 8W	7- 6-58	2179 MCF	6900	5732 CO 5683	SWF 5422-5672	7-5/8 3462
Bolack "C"	10 A	28-27N- 8W	3- 6-58	3351 MCF	6065	4629 CO 4587	SWF 4390-4498	7-5/8 4233
Bolack "C"	15 L	33-27N- 8W	5-24-58	868 MCF	6792	5247 CO 5198	SWF 5048-5136	7-5/8 2935
Bolack "C"	16 A	33-27N- 8W	5-15-58	1395 MCF	6751	5283 CO 5235	SWF 4870-5166	7-5/8 2918
Burroughs State	2 G	16-32N-10W	9-15-58	3736 MCF	6431	5754 CO 5700	SWF 5328-5632	7-5/8 3412
Cuccia State	4 H	32-27N- 8W	11- 6-58	2345 MCF	6726	5182 CO 5131	SWF 4952-5088	7-5/8 4814
Cundiff	3 N	18-32N-12W	4-13-58	P & A	6035	3642 CO 3624	SWF 3404-3614	7-5/8 3301
Cundiff "A"	2 H	17-32N-12W	3-15-58	2163 MCF	6098	3900 CO 3855	SWF 3552-3762	7-5/8 3502



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BLANCO - MESAVERDE (cont.)								
El Paso Natural Gas Filan	4 H	5-27N- 8W	7- 8-58	2402 MCF	5867	4673	SWF 4430-4606	7-5/8 2360
						CO 4616		
Florance "D"	10 B	17-27N- 8W	3- 3-58	3485 MCF	6781	5346	SWF 5186-5306	7-5/8 4964
						CO 5315		
Reid	1 M	8-28N- 9W	6-29-58	1994 MCF	6018	4772	SWF 4524-4720, 4184-4504	7-5/8 2456
						CO 4725		
Rose Unit	29 H	32-32N- 6W	6-27-58	3461 MCF	6519	6065		7-5/8 3731
						CO 6027		
San Juan Unit 32-9	57 H	2-31N- 9W	5-18-58	3509 MCF	6476	5932	SWF 5678-5806, 5310-5504	7-5/8 3581
						CO 5895		
San Juan Unit 32-9	58 A	16-32N- 9W	5-15-58	2835 MCF	6879	6266	SWF 5812-6232	7-5/8 3908
						CO 6240		
San Juan Unit 32-9	59 L	19-32N- 9W	3-24-58	3267 MCF	6628	6001	SWF 5746-5860	5-1/2 5997
						CO 5978		
San Juan Unit 32-9	60 H	28-32N- 9W	4-26-58	2958 MCF	6802	6195	SWF 5864-6146	7-5/8 3959
						CO 6158		
San Juan Unit 32-9	61 M	36-32N- 9W	7-12-58	3260 MCF	6544	6106	SWF 5754-5924	7-5/8 3646
						PB 5993		
San Juan Unit 32-9	62 H	14-32N-10W	4-22-58	2999 MCF	6722	6018	SWF 5668-5934	7-5/8 3808
						CO 5978		
San Juan Unit 32-9	63 G	36-32N- 9W	5-13-58	3483 MCF	6537	6034	SWF 5556-5932	7-5/8 3651
						PB 5986		
San Juan Unit 32-9	64 M	2-31N- 9W	4-19-58	3220 MCF	6497	5874	SWF 5610-5824	7-5/8 3586
						PB 5868		
San Juan Unit 32-9	66 M	10-32N- 9W	6-14-58	1603 MCF	7052	6485	SWF 5930-6398	7-5/8 4104
						CO 6435		
Schwerdtfeger "A"	12 N	6-27N- 8W	2-21-58	5404 MCF	6757	5389	SWF 5172-5356	7-5/8 5076
						CO 5362		
Schwerdtfeger "A"	13 B	8-27N- 8W	3-15-58	4351 MCF	6739	5395	SWF 5182-5332	7-5/8 5043
						CO 5359		
Schwerdtfeger "A"	15 B	21-27N- 8W	5- 9-58	3750 MCF	6310	4896	SWF 4712-4856	7-5/8 4506
						PB 4870		
Wilmoth Pool Unit	1 N	26-31N-11W	8- 9-58	5037 MCF	5689	4793	SWF 4556-4758	7-5/8 4434
						CO 4770		
Pacific Northwest Pipeline Corp. Blanco 31-8	3 A	35-31N- 8W	2-24-58	1849 MCF	6276	5714	SWF 5092-5592	7-5/8 3495
						PB 5642		
Blanco 31-8	4 M	26-31N- 8W	1-14-58	1501 MCF	6231	5600	Wf 5034-5534	7-5/8 3398
						PB 5592		
Blanco 31-8	5 G	26-31N- 8W	2-15-58	1632 MCF	6295	5740	Wf 5130-5640	7-5/8 3504
						PB 5700		
San Juan Unit 32-8	28 G	16-31N- 8W	8- 7-58	5238 MCF	6594	5975	SWF 5424-5938	7-5/8 3697
						PB 5941		
San Juan Unit 32-8	30 M	27-32N- 8W	8-16-58	2530 MCF	6638	6135	SWF 5524-6084	7-5/8 3865
San Juan Unit 32-9	65 K	9-32N- 9W	6-27-58	2480 MCF	6959	6312	SWF 5976-6298	7-5/8 4050
						PB 6311		
N. M. 32-11	2 A	19-32N-11W	4-18-58	1836 MCF	6604	5720	Wf 5016-5682	7-5/8 3505
						PB 5719		
Pan American Petroleum Corp. Gerk Gas Unit	1 B	30-29N- 9W	11-29-58	114 MCF	5706	4524	SWF 4370-4464	7-5/8 2379
						PB 4500		
R & G Drilling Hammond	1 H	25-27N- 8W	5-20-58	3500 MCF	6003	4680	SWF 3890-4568	7 2348
Southern Union Gas Owen	2 G	19-31N-12W	7- 1-58	1161 MCF	5970	6946	SWF 4670-4875	7 5278
						PB 4996		
Oxnard	2 H	7-31N- 8W	9-13-58	3484 MCF	6440	5920	SWF 5280-5842	5-1/2 5615
Quinn	7 A	17-31N- 8W	7-13-58	3181 MCF	6504	6083	SWF 5316-6016	7-5/8 3569
Quinn	8 A	18-31N- 8W	8-12-58	3442 MCF	6464	5930	SWF 5255-5900	7-5/8 3515
Texas Company St. N.M. Gas Unit	1 A	36-30N-10W	1-16-58	3878 MCF	5872	4827	SWF 4053-4786	7 2565
						PB 4825		
White, Ted M. San Juan Unit 29-9	4 L	33-29N- 9W	11-25-58	2846 MCF	6230	5039	SWF 4203-4790, 4822-4988	7 2724

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>BLANCO - PICTURED CLIFFS</u>								
Pan American Petroleum Corp. Elliott, A. L., "B"	4 P	10-29N- 9W	7-10-58	700 MCF	5846	2510	SWF 2440-86	5-1/2 2505
Elliott, A. L., "D"	3 F	12-29N- 9W	7- 5-58	1947 MCF	5990	PB 2500 2695	SWF 2640-78	5-1/2 2695
Elliott, A. L., "D"	4 I	11-29N- 9W	6-30-58	471 MCF	5928	PB 2680 2620	SWF 2553-95	5-1/2 2616
Heath "A"	5 P	17-29N- 9W	3- 1-58	2039 MCF	5665	PB 2603 2200	SWF 2120-80	5-1/2 2199
Heath "A"	6 C	17-29N- 9W	2-24-58	1865 MCF	5671	PB 2190 2242	SWF 2150-2209	5-1/2 2241
Heath "A"	7 J	8-29N- 9W	12-14-58	1235 MCF	5639	PB 2222 2240	SWF 2151-91	4-1/2 2240
Heath "B"	2 O	31-30N- 9W	2-13-58	2506 MCF	5774	PB 2201 2414 PB 2390	SWF 2330-70	5-1/2 2412
<u>BLANCO, SOUTH - PICTURED CLIFFS</u>								
Aztec Oil & Gas Hanks	9 P	5-27N- 9W	7-11-58	3093 MCF	6433	2561	SWF 2453-96	5-1/2 2561
Whitley	2 M	9-27N- 9W	7- 5-58	1783 MCF	6221	PB 2504 2308 PB 2272	SWF 2204-70	5-1/2 2308
El Paso Natural Gas Filan	3 E	5-27N- 8W	5-12-58	P & A	6118	2436	SWF 2296-2368	5-1/2 2439
Phillips	2 E	32-28N- 8W	8-25-58	3305 MCF	6749	CO 2414 3122	SWF 3010-62	5-1/2 3119
Russell "A"	1 J	23-28N- 8W	1-18-58	2956 MCF	5049	CO 3088 2520	SWF 2414-92	5-1/2 2507
Petro-Atlas Aztec	1 F	8-27N- 9W	8- 4-58	1992 MCF	6446	2697	SWF 2412-41	5-1/2 2516
Turner, J. Glenn State	13 N	2-26N- 8W	8- 8-58	853 MCF	6263	PB 2441 2312	SWF 2210-69	5-1/2 2311
Western Natural Gas Graham	3 O	10-27N- 8W	10-14-58	?	5912	2227	SWF 2134-66	5-1/2 2227
Hammond	4 C	26-27N- 8W	10-31-58	?	5962	2201	SWF 2106-64	5-1/2 2200
Marron	3 P	22-27N- 8W	9-27-58	6010 MCF	5974	2228	SWF 2113-72	5-1/2 2226
Marron	4 D	27-27N- 8W	10-12-58	?	6068	2260	SWF 2172-96	5-1/2 2260
Marron	5 H	23-27N- 8W	10-13-58	?	5984	2331	SWF 2224-68	5-1/2 2331
<u>BLOOMFIELD - FARMINGTON</u>								
Roberts, Elvis Lochner	1 F	30-29N-10W	4-25-58	F 52 MCF	5484	1100	Natural OH 820-1100	
Bockelmann, C. O. Hare	1 D	23-29N-11W	2-21-58	P & A	5471	1130		8-5/8 70
<u>CHIMNEY ROCK - GALLUP</u>								
Bayless, R. L. Navajo "A"	4 A	5-31N-17W	5-13-58	35 BO	5325	1164		4-1/2 1133
Navajo "H"	2 H	5-31N-17W	4-18-58	70 BO	5299	1232	SOF 1230-64	4-1/2 1127
Honolulu Oil Navajo 5	2 I	5-31N-17W	11- 7-58	59 BO	5312	PB 1164 1171	SOF 1107-17	4-1/2 1170
Navajo 5	3 J	5-31N-17W	11-12-58	T A	5274	?		4-1/2 1171
Humble Oil & Refining Navajo "F"	1 D	4-31N-17W	10- 6-58	30 BO	5329	1227	SOF 1147-60	4-1/2 1218
Navajo "F"	2 E	4-31N-17W	10- 3-58	39 BO	5305	PB 1225 1152	SOF OH 1118-1152	4-1/2 1118

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>FULCHER KUTZ - PICTURED CLIFFS</u>								
Benson-Montin-Greer Dustin	1 K	6-29N-12W	1-16-58	516 MCF	5393	1489	SWF 1378-1386	5-1/2 1489
El Paso Natural Gas Lodewick	2 G	18-27N- 9W	5- 5-58	3814 MCF	6482	2490 CO 2446	SWF 2398-2440	5-1/2 2488
<u>GALLEGOS - GALLUP</u>								
El Paso Natural Gas Delhi-Taylor	3 B	17-26N-11W	1-17-58	91 BO	6186	5395 CO 5340	SOF 5284-5314	5-1/2 5392
Delhi-Taylor	4 H	17-26N-11W	1-28-58	123 BO	6192	5386	SOF 5279-5309	5-1/2 5385
Delhi-Taylor "B"	2 B	12-26N-12W	1-27-58	309 BO	5991	5264 CO 5220	SOF 5052-5200	5-1/2 5262
Eddy	1 N	33-27N-12W	1-15-58	81 BO	5951	5205 PB 5145	SOF 5054-5115	7-5/8 4044
Hanson	2 C	36-27N-13W	2-26-58	121 BO	5983	5195 PB 5140	SOF 5036-5184	5-1/2 5182
Hanson "B"	2 K	36-27N-13W	5-13-58	48 BO	5058	5148 PB 5101	SOF 4994-5026	5-1/2 5146
Hickman "A"	2 L	3-26N-12W	1-10-58	243 BO	6049	5264 CO 5232	SOF 5150-87	7-5/8 4103
Hickman "A"	3 F	3-26N-12W	2-28-58	116 BO	6075	5305 CO 5258	SOF 5206-32	5-1/2 5301
Hickman "A"	4 N	3-26N-12W	3-16-58	71 BO	6081	5276 CO 5236	SOF 5182-5222	5-1/2 5274
Hickman "A"	5 J	3-26N-12W	4-30-58	129 BO	5980	5204 CO 5155	SOF 5009-5150	5-1/2 5198
Sullivan "A"	1 B	10-26N-12W	6- 7-58	86 BO	6094	5251 CO 5230	SOF 5068-5217	5-1/2 5248
Sullivan "F"	3 P	32-27N-12W	3-13-58	53 BO	5940	5166 PB 5115	SOF 5012-94	5-1/2 5163
Sullivan "F"	4 O	32-27N-12W	5-27-58	31 BO	5914	5119 CO 5065	SOF 4974-5052	5-1/2 5115
Western	4 B	18-26N-11W	1-27-58	163 BO	6083	5274 CO 5200	SOF 5056-5156	5-1/2 5272
Western	5 B	7-26N-11W	2- 8-58	273 BO	6108	5375 CO 5300	SOF 5166-5201	5-1/2 5363
Western "A"	2 F	8-26N-11W	2-12-58	193 BO	6199	5477	SOF 5244-81	5-1/2 5462
Western "A"	3 P	8-26N-11W	2-11-58	66 BO	6239	5424 PB 5400	SOF 5336-86	5-1/2 5410
Western "A"	4 D	8-26N-11W	2-18-58	81 BO	6185	5457 CO 5410	SOF 5245-80	5-1/2 5444
Featherstone, O. F. Roberson	3 H	36-27N-13W	1-18-58	288 BO	5921	5155	SOF 5038-78	5-1/2 5149
Roberson	4 O	25-27N-13W	4-27-58	15 BO	5960	6040 PB 5200	SOF 5096-5128	5-1/2 6038
Frontier Refining Gov't. Chartier	2 I	4-26N-12W	5- 5-58	174 BO	6022	5224 PB 5163	SOF 5111-5147	5-1/2 5219
Gov't. Morgan	2 J	31-27N-12W	4-28-58	436 BO	5874	5055 PB 5047	SOF 5004-5030	5-1/2 5039
Gov't. Morgan	3 D	31-27N-12W	5- 6-58	231 BO	5924	5108 PB 5059	SOF 5038-58	5-1/2 5103
Gov't. Morgan	4 L	31-27N-12W	5-16-58	262 BO	5895	5081 PB 5039	SOF 5002-5034	5-1/2 5078
Gov't. Morgan	5 F	31-27N-12W	5-13-58	360 BO	5872	5058 PB 5013	SOF 4979-5007	5-1/2 5060
Pan American Petroleum Corp. Randel "A"	1 L	9-26N-11W	4- 3-58	131 BO	6289	6398 PB 6357	SWF 5300-5458, and 6189-6280	7 6398
Petro-Atlas Walker "A"	1 H	4-26N-12W	8-14-58	260 BO	6005	5212 PB 5170	SOF 5114-44	5-1/2 5211

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>GALLEGOS - GALLUP (cont.)</u>									
Skelly Oil Goddard	2 K	1-26N-12W	2- 9-58	1821 MCF	6007	5313	SOF 5095-5174	5-1/2	5311
Goddard	3 K	11-26N-12W	5- 6-58	95 BO	6068	PB 5285 5229	SOF 5151-5188	5-1/2	5227
Goddard	4 C	11-26N-12W	5-27-58	240 BO	5993	PB 5206 5185	SOF 5102-30	5-1/2	5185
Goddard	5 K	2-26N-12W	6-10-58	108 BO	5891	PB 5155 5126	SOF 5057-5070	5-1/2	5125
Goddard	6 O	2-26N-12W	6-29-58	299 BO	5909	PB 5091 5160	SOF 5266-81	5-1/2	5159
Goddard	7 M	1-26N-12W	9- 4-58	105 BO	5965	PB 5127 5252	SOF 5146-62	5-1/2	5252
Goddard	8 M	2-26N-12W	10- 6-58	103 BO	5988	PB 5223 5190	SOF 5110-34	5-1/2	5186
Goddard	9 E	11-26N-12W	10-26-58	55 BO	6052	PB 5156 5235	SOF 5130-66	5-1/2	5234
Goddard	10 I	2-26N-12W	12-11-58	46 BO	5940	PB 5196 5244	SOF 5066-5135	5-1/2	5244
Navajo "F"	2 E	12-26N-12W	9-19-58	263 BO	5932	PB 5206 5148	SOF 5068-92	5-1/2	5145
Navajo "H"	1 A	13-26N-12W	1-15-58	4100 MCF	6017	PB 5112 5175	SWF 4843-5100	5-1/2	5160
Navajo "J"	1 A	11-26N-12W	3- 3-58	88 BO	5925	PB 5109 6085	SOF 5078-5100	5-1/2	6120
Navajo "J"	2 G	11-26N-12W	8-22-58	161 BO	5994	PB 5848 5187	SOF 5108-40	5-1/2	5186
Navajo "L"	1 I	11-26N-12W	4- 3-58	108 BO	6003	PB 5152 5180	SOF 5100-5132	5-1/2	5175
Navajo "L"	2 O	11-26N-12W	11-28-58	24 BO	6099	PB 5158 5250	SOF 5154-98	5-1/2	5246
<u>HORSESHOE - GALLUP</u>									
Atlantic Refining Navajo	1 P	32-31N-16W	9-15-58	497 BO	5331	1285	SOF 1090-1234	5-1/2	1285
Navajo	2 J	32-31N-16W	9-23-58	134 BO	5344	PB 1252 1285	SOF 1102-1238	5-1/2	1285
Navajo	3 F	32-31N-16W	9-30-58	135 BO	5373	PB 1255 1300	SOF 1117-1262	5-1/4	1299
Navajo	4 D	32-31N-16W	10- 4-58	139 BO	5409	1350	SOF 1140-1282	5-1/2	1346
Navajo	5 P	30-31N-16W	10-10-58	127 BO	5452	PB 1303 1370	SOF 1165-1306	5-1/2	1370
Navajo	6 J	30-31N-16W	10-15-58	125 BO	5504	PB 1327 1389	SOF 1208-1349	5-1/2	1380
Navajo	7 F	30-31N-16W	10-22-58	129 BO	5701	PB 1355 1605	SOF 1518-45	5-1/2	1598
Navajo	8 D	30-31N-16W	10-31-58	132 BO	5652	PB 1570 1515	SOF 1321-1464	5-1/2	1503
Navajo	9 B	30-31N-16W	11- 5-58	125 BO	5539	PB 1475 1454	SOF 1269-1403	5-1/2	1447
Navajo	10 H	30-31N-16W	11- 9-58	135 BO	5495	PB 1407 1422	SOF 1227-1363	5-1/2	1417
Navajo	11 L	29-31N-16W	11-15-58	120 BO	5462	1400	SOF 1201-1339	5-1/2	1394
Navajo	12 N	29-31N-16W	11-25-58	287 BO	5399	PB 1360 1345	SOF 1157-1295	5-1/2	1340
Navajo	13 B	32-31N-16W	11-30-58	444 BO	5376	PB 1311 1310	SOF 1135-1271	5-1/2	1303
Navajo	14 N	32-31N-16W	12-20-58	96 BO	5387	PB 1287 1305	SOF 1134-1254	5-1/2	1290
Navajo	15 L	32-31N-16W	12-27-58	227 BO	5412	PB 1272 1314	SOF 1155-80	5-1/2	1309
Navajo	16 H	31-31N-16W	11-20-58	206 BO	5425	PB 1292 1310	SOF 1216-24	5-1/2	1301
						PB 1267			

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<u>HORSESHOE - GALLUP (cont.)</u>									
Atlantic Refining Navajo	17 B	31-31N-16W	12-31-58	196 BO	5450	1310 PB 1286	SOF 1146-1248	5-1/2	1300
Navajo	20 H	32-31N-16W	12- 5-58	514 BO	5360	1335 PB 1303	SOF 1147-90	5-1/2	1332
Navajo	22 J	29-31N-16W	12-10-58	135 BO	5405	1367 PB 1342	SOF 1194-1326	5-1/2	1363
Navajo	25 H	29-31N-16W	12-15-58	21 BO	5483	1460 PB 1355	SOF 1304-26	5-1/2	1391
Banner Drilling Ute	1 M	34-31N-16W	6- 2-58	85 BO	5402	1425 PB 1383	SOF 1228-1364	5-1/2	1400
Ute	2 L	34-31N-16W	7-20-58	80 BO	5375	2050	SOF 1214-1254	7	1310
Ute	3 L	33-31N-16W	10-29-58	125 BO	5377	1402 PB 1398	SOF 1215-49	7	1400
Ute	4 A	33-31N-16W	11- 3-58	125 BO	5403	1400 PB 1383	SOF 1246-80	5-1/2	1350
Ute	5 F	34-31N-16W	11- 9-58	105 BO	5390	1420 PB 1390	SOF 1262-98	5-1/2	1361
Ute	6 C	34-31N-16W	11-20-58	96 BO	5538	1600 PB 1504	SOF 1418-52	5-1/2	1504
Blackford, Ken State of N. M. 16	1 B	16-30N-16W	1-11-58	P & A	5284	1351		8-5/8	71
Bolack, Tom Bolack	10 F	10-30N-16W	12-12-58	3024 BO	5593	1602	SOF 1455-1570	5-1/2	1601
Bolack	11 O	4-30N-16W	12-17-58	125 BO	5669	1589	SOF 1415-1556	5-1/2	1588
Bolack	12 B	9-30N-16W	12-20-58	125 BO	5712	1650	SOF 1485-1535	5-1/2	1642
El Paso Natural Gas Chimney Rock "A"	1 P	24-31N-17W	11-22-58	110 BO	5757	1573 PB 1553	SOF 1390-1535	5-1/2	1571
Chimney Rock "A"	2 J	24-31N-17W	12-10-58	105 BO	5682	1486 CO 1440	SOF 1290-1312, 1404-34	8-5/8	109
Horseshoe Canyon	5 P	4-30N-16W	4-19-58	89 BO	5448	1491 CO 1447	SOF 1304-1418	5-1/2	1490
Horseshoe Canyon	6 D	10-30N-16W	5- 8-58	118 BO	5682	1698 CO 1630	SOF 1500-1601	5-1/2	1697
Horseshoe Canyon	7 K	3-30N-16W	5- 2-58	130 BO	5643	1670 CO 1628	SOF 1474-1612	5-1/2	1669
Horseshoe Canyon	8 K	4-30N-16W	4-12-58	128 BO	5334	1305 CO 1260	SOF 1110-1242	5-1/2	1305
Horseshoe Canyon	9 F	3-30N-16W	4-26-58	100 BO	5570	1607 CO 1564	SOF 1400-1542	5-1/2	1607
Horseshoe Canyon	10 E	10-30N-16W	12-24-58	121 BO	5462	1463 CO 1412	SOF 1306-44	5-1/2	1461
Horseshoe Canyon	11 P	3-30N-16W	12-21-58	106 BO	5564	1649 CO 1613	SOF 1464-1600	5-1/2	1645
Horseshoe Canyon	12 I	3-30N-16W	12-17-58	118 BO	5707	1766 CO 1717	SOF 1585-1630	5-1/2	1765
Horseshoe Canyon "B"	3 E	4-30N-16W	11-13-58	113 BO	5314	1275 PB 1225	SOF 1081-1214	5-1/2	1275
Horseshoe Canyon "B"	4 D	4-30N-16W	11-15-58	117 BO	5322	1283 CO 1230	SOF 1072-1212	5-1/2	1281
Horseshoe Canyon "B"	5 C	3-30N-16W	12-14-58	101 BO	5762	1766 CO 1690	SOF 1595-1637	5-1/2	1762
Horseshoe Ute	1 N	33-31N-16W	4- 1-58	95 BO	5340	1312 CO 1276	SOF 1108-1252	5-1/2	1312
Horseshoe Ute	2 P	33-31N-16W	4- 6-58	18 BO	5387	1385 PB 1342	SOF 1186-1324	5-1/2	1385
Horseshoe Ute	4 K	33-31N-16W	11- 5-58	130 BO	5357	1326 CO 1295	SOF 1138-1278	5-1/2	1323

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>HORSESHOE - GALLUP (cont.)</u>									
El Paso Natural Gas									
Horseshoe Ute	6 I	33-31N-16W	11-10-58	118 BO	5365	1376	SOF 1180-1215	5-1/2	1374
						CO 1305			
Horseshoe Ute	7 G	33-31N-16W	11- 8-58	112 BO	5405	1406	SOF 1220-58	5-1/2	1406
						PB 1285			
Horseshoe Ute	8 E	34-31N-16W	11-26-58	106 BO	5399	1429	SOF 1253-89	5-1/2	1427
						CO 1320			
Horseshoe Ute	9 K	34-31N-16W	12-18-58	104 BO	5389	1447	SOF 1250-88	5-1/2	1446
						CO 1320			
Horseshoe Ute	10 N	34-31N-16W	12- 1-58	106 BO	5497	1520	SOF 1347-82	5-1/2	1518
						CO 1461			
Horseshoe Ute	11 O	34-31N-16W	12- 3-58	103 BO	5514	1558	SOF 1380-1419	5-1/2	1556
						CO 1461			
Williams	1 O	11-30N-16W	9- 7-58	193 BO	5451	2459	SOF 2283-2404	5-1/2	2458
						CO 2419			
Williams "A"	1 D	12-30N-16W	10-20-58	54 BO	5500	2290	SOF 1837-75	5-1/2	2050
						CO 1925			
King Oil									
Navajo "K"	1 A	17-30N-16W	2- 6-58	P & A	5255	1619		9-5/8	61
Pan American Petroleum Corp.									
Aidlin "A"	1 B	10-30N-16W	7-11-58	84 BO	5581	1685	SOF 1582-1614, 1492-1515	5-1/2	1685
						PB 1668			
Aidlin "A"	2 H	10-30N-16W	10-22-58	220 BO	5489	1740	SOF 1500-1622	4-1/2	1740
						PB 1704			
Hoover "B"	1 D	11-30N-16W	12- 5-58	11 BO	5511	1733	SOF 1524-1670	4-1/2	1728
						PB 1692			
Hoover "B"	2 F	11-30N-16W	11-28-58	96 BO	5497	1982	SOF 1776-1918	4-1/2	1980
						PB 1946			
Hoover "B"	3 L	11-30N-16W	11-19-58	185 BO	5475	1980	SOF 1748-1874	4-1/2	1978
						PB 1942			
Hoover "B"	4 E	11-30N-16W	12-19-58	59 BO	5493	1885	SOF 1684-1818	4-1/2	1863
						PB 1828			
Hoover "B"	5 K	11-30N-16W	12-29-58	165 BO	5440	2030	SOF 1832-1961	5-1/2	2027
						PB 1981			
Hoover "C"	1 N	11-30N-16W	11- 4-58	228 BO	5397	2241	SOF 2056-2175	4-1/2	2237
						PB 2202			
Petro-Atlas, Inc.									
Horseshoe Canyon "B"	2 H	9-30N-16W	11-24-58	102 BO	5462	1455	SOF 1245-1371	5-1/2	1414
						PB 1385			
Horseshoe Canyon "C"	1 B	3-30N-16W	9- 7-58	112 BO	5666	1738	SOF 1522-1664	5-1/2	1721
						CO 1656			
Horseshoe Canyon "D"	1 A	5-30N-16W	9-29-58	148 BO	5318	1265	SOF 1086-1220	5-1/2	1267
						PB 1232			
Horseshoe Canyon "D"	2 H	5-30N-16W	10- 2-58	140 BO	5305	1266	SOF 1086-1218	5-1/2	1259
						PB 1222			
Horseshoe Canyon "D"	3 B	5-30N-16W	10- 7-58	133 BO	5323	1266	SOF 1073-1194	5-1/2	1260
						PB 1229			
Horseshoe Canyon "D"	4 G	5-30N-16W	10-11-58	136 BO	5315	1245	SOF 1070-1194	5-1/2	1236
						PB 1201			
Horseshoe Canyon "E"	1 C	9-30N-16W	11-20-58	118 BO	5664	1628	SOF 1480-1590	5-1/2	1626
						PB 1626			
Ute Navajo	1 O	33-31N-16W	8-27-58	128 BO	5338	1350	SOF 1135-1278	5-1/2	1346
						PB 1311			
Ute Navajo	2 J	33-31N-16W	8-31-58	131 BO	5341	1350	SOF 1141-1278	5-1/2	1344
						PB 1316			
<u>OSWELL - FARMINGTON</u>									
El-My-Ri Oil									
Martin	2 N	34-30N-11W	6-25-58	T A	5772	1370		5-1/2	849
						CO 1362			
Martin	3 J	34-30N-11W	10-18-58	T A	5792	1354	Perfs. 1209-29	4-1/2	1350

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INJT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE</u>	<u>DEPTH</u>
<u>RATTLESNAKE - PENNSYLVANIAN</u>									
Continental Oil Rattlesnake	135 A	1-29N-19W	12-14-58	P & A	5327	7165 PB 7100	MCA 5866-6787	5-1/2	7158
<u>STONEY BUTTE - DAKOTA</u>									
Benson-Montin-Greer Stoney Butte	11 P	36-22N-14W	1-31-58	P & A	6084	3975		8-5/8	133
<u>UTE DOME - PARADOX</u>									
Pan American Petroleum Corp. Ute Mountain "D"	1 F	10-31N-14W	5-23-58	28,250 MCF	6369	9810 PB 9751	Acidized 8248-8780	5-1/2	9808
<u>VERDE - GALLUP</u>									
Atlantic Refining Ute	1 M	36-31N-16W	10-22-58	95 BO	5605	1777 PB 1727	SOF 1614-22	5-1/2	1759
Aztec Oil & Gas Ute Indian "D"	1 P	24-31N-15W	7- 1-58	480 BO	5551	3360	SOF OH 3284-3360	4-1/2	3284
Ute Indian "D"	2 N	24-31N-15W	10-18-58	156 BO	5490	2895 PB 2850	OH 2844-2895	5-1/2	2844
Ute Indian "D"	3 P	23-31N-15W	10-21-58	112 BO	5489	2974	OH 2881-2974	5-1/2	2881
Ute Indian "D"	5 G	24-31N-15W	12-11-58	157 BO	5518	2728	OH 2645-2728	5-1/2	2645
Ute Indian "E"	1 E	20-31N-14W	6-10-58	131 BO	5643	2846	SOF 2751-2846	5-1/2	2751
Ute Indian "E"	2 K	20-31N-14W	9-18-58	132 BO	5657	3020	SOF OH 2933-3020	5-1/2	2933
Ute Indian "E"	3 K	17-31N-14W	11-10-58	84 BO	5840	2553	OH 2460-2553	5-1/2	2450
Ute Indian "E"	4 G	20-31N-14W	12- 1-58	122 BO	5678	2852		5-1/2	2753
Ute Indian "E"	5 G	17-31N-14W	11-17-58	93 BO	5950	2500	Natural OH	5-1/2	2420
Carroll, C. M. Ute "A"	2 H	13-31N-15W	10- 5-58	150 BO	5837	2589	SOF OH 2510-2589	5-1/2	2510
Ute "A"	3 N	14-31N-15W	10-18-58	139 BO	5837	2615	SOF OH 2532-2615	5-1/2	2532
El Paso Natural Gas Malco-Copple	6 G	5-30N-15W	3- 6-58	105 BO	5424	3462 CO 3450	SOF 3341-3462	5-1/2	3330
Malco-Copple	7 K	5-30N-15W	10-13-58	20 BO	5391	3648 CO 3643	SOF OH 3523-3647	5-1/2	3523
Malco-Copple	10 O	6-30N-15W	4-24-58	10 BO	5450	2993	SOF OH 2861-2993	5-1/2	2861
Gulf Oil Corp. S. W. Barker Dome	3 N	20-31N-15W	1- 9-58	5 BO	5610	1875	SOF 1781-1875	5-1/2	1781
Pan American Petroleum Corp. Thurland, E.	2 I	6-30N-15W	5-30-58	76 BO	5364	3130 PB 3082	SOF 2848-2914	5-1/2	3129
Ute Mountain "A"	3 M	33-31N-15W	4- 5-58	74 BO	5518	3426 PB 3355	SOF 3020-3088	5-1/2	3425
Ute Mountain "A"	4 J	33-31N-15W	12-22-58	64 BO	5493	3100	SOF 3010-96	5-1/2	3005
Ute Mountain "C"	2 E	34-31N-15W	5- 6-58	62 BO	5566	3286 PB 3241	SOF 3004-3070	5-1/2	3285
Ute Mountain "E"	1 D	26-31N-15W	7- 5-58	60 BO	5587	2920 PB 2880	SOF 2644-2700	5-1/2	2920
Ute Mountain "E"	2 D	35-31N-15W	9- 2-58	162 BO	5462	4130	SOF OH 4042-4105	5-1/2	4010
Ute Mountain "E"	3 B	35-31N-15W	12-28-58	T A	5434	4760	SOF 4238-4484	5-1/2	4756
Pubco Petroleum Ute Mountain 18	7 G	18-31N-14W	2-25-58	119 BO	5884	2528	OH 2432-2528	5-1/2	2432
Ute Mountain 19	4 D	19-31N-14W	7-30-58	162 BO	5585	2630	Of OH 2531-2630	5-1/2	2531
Ute Mountain 19	7 G	19-31N-14W	1- 8-58	150 BO	5607	2848	SOF	5-1/2	2748
Ute Mountain 19	11 K	19-31N-14W	1-25-58	141 BO	5617	3052	SOF 2953-3052	5-1/2	2945

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<u>VERDE - GALLUP (cont.)</u>									
Pubco Petroleum									
Ute Mountain 19	14 N	19-31N-14W	12-23-58	55 BO	5556	3431	Of OH 3326-3431	5-1/2	3327
Ute Mountain 19	15 O	19-31N-14W	3- 5-58	146 BO	5583	3247	SOF 3146-61	5-1/2	3247
						PB 3170			
Ute Mountain 19	16 P	19-31N-14W	8-22-58	168 BO	5577	3311	Of 3211-3311	5-1/2	3211
Skelly Oil									
Ute "A"	1 M	8-31N-14W	4- 4-58	164 BO	5904	2379	Natural	7	2274
						PB 2330			
Ute "A"	2 K	8-31N-14W	8-15-58	159 BO	6177	2600	SOF 2524-99	7	2367
Ute "A"	3 O	8-31N-14W	10-14-58	10 BO	6140	2570	SOF OH 2472-2570	7	2472
Southern Union Gas									
Ute Indian 17	2 M	17-31N-14W	10-26-58	10 BO	5725	2723	SOF 2485-2655	5-1/2	2724
Ute Indian 17	3 C	17-31N-14W	10- 7-58	14 BO	6041	2640	SOF 2430-2560	5-1/2	2638
Ute Indian 20	1 M	20-31N-14W	12-13-58	112 BO	5614	3384	SOF 3280-3345	5-1/2	3379
Ute Indian 23	3 C	23-31N-15W	8-31-58	98 BO	5811	2726	SOF 2544-2685	5-1/2	2724
Ute Indian 23	4 J	23-31N-15W	3-27-58	65 BO	5563	2663	SOF 2477-2663	5-1/2	2569
Ute Indian 23	5 H	23-31N-15W	3-21-58	904 BO	5618	2775	SOF 2628-66	5-1/2	2768
Ute Indian 24	4 L	24-31N-15W	5-20-58	98 BO	5590	2580	Natural OH 2545-2580	5-1/2	2545
Ute Indian 24	5 F	24-31N-15W	7- 9-58	97 BO	5529	2280	Natural	5-1/2	2239
Standard Oil of Texas									
Ute Mountain 2-29	1 D	29-31N-14W	1-17-58	101 BO	5618	3746		5-1/2	3625
Ute Mountain 2-29	2 B	29-31N-14W	7-20-58	P & A	5594	902		8-5/8	203
Ute Mountain 2-29	2X B	29-31N-14W	9-28-58	101 BO	5594	3640	SOF OH 3500-3640	5-1/2	3500
Ute Mountain 2-29	3 F	29-31N-14W	12-10-58	85 BO	5553	4100	SOF OH 3855-4100	5-1/2	3948
Ute Mountain 2-29	4 H	29-31N-14W	12-27-58	94 BO	5601	4100	SOF 3855-4100	5-1/2	3855
Tennessee Gas Transmission									
Ute Mountain "A"	7 M	22-31N-15W	2- 8-58	71 BO	5886	2452	OH 2357-2452	5-1/2	2350
Three States Natural Gas									
Tribal	1 D	30-31N-14W	2-23-58	136 BO	5534	3837	SOF 3745-3837	7	3702
Tribal	2 A	30-31N-14W	3-12-58	P & A	5578	430		13-3/8	127
Tribal	2X A	30-31N-14W	7-17-58	120 BO	5585	3830	SOF 3653-3830		
Tribal	3 B	30-31N-14W	10- 6-58	P & A	5582	560		8-5/8	119
Tribal	3X B	30-31N-14W	10-28-58	105 BO	5590	3795	SOF 3660-3760	5-1/2	3655
<u>WEST KUTZ - PICTURED CLIFFS</u>									
El Paso Natural Gas									
Huerfano	77 P	30-27N-10W	4-29-58	P & A	?	1763		8-5/8	122
Pan American Petroleum Corp.									
Lilly, Sarah E., "B"	1 A	8-27N-12W	3- 5-58	404 MCF	5736	1349	SWF 1306-1317	5-1/2	1346
White, Ted M.									
Hagood	1 P	20-29N-13W	4- 2-58	300 MCF	5381	1132		4-1/2	1107
			6-27-58	T A					
Hagood	1X P	20-29N-13W	9-14-58	796 MCF	5381	1140		5-1/2	1107
Yockey, Frank									
Yockey	1 P	20-27N-11W	8-28-58	3172 MCF	6252	2005	SWF 1878-92	4-1/2	1948
						CO 1938			
Yockey	2 F	20-27N-11W	12- 1-58	1201 MCF	6198	1940	SWF OH 1831-64	5-1/2	1831



COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE DEPTH
<u>DUAL COMPLETIONS</u>								
<u>ANGELS PEAK - GALLUP -- ANGELS PEAK - DAKOTA</u>								
El Paso Natural Gas Huerfano Unit	99 C	2-26N-10W	7- 1-58	7563 MCF	6596	6938	SOF 6122-6146	7-5/8 5664
				2327 MCF		CO 6898	SOF 6816-6908	
Huerfano Unit	103 C	3-26N-10W	11-22-58	157 BO	6735	7030	SOF 6241-6265	7-5/8 6446
				4460 MCF		CO 7014	SOF 6880-7000	
Huerfano Unit	106 J	33-27N-10W	12-23-58	4368 MCF	6184	6587	SOF 6409-85	7-5/8 5873
				2733 MCF		PB 6520		
Huerfano Unit	107 D	35-27N-10W	12-16-58	167 BO	6660	7020	SOF 5990-6290	7-5/8 6424
				5992 MCF		CO 7013	SOF 6934-7007	
Pan American Petroleum Corp. McAdams "G"	1 J	28-27N-10W	12-28-58	56 BO	6109	6602	SOF 5704-5738	7 650
				2727 MCF		PB 6554	SWF 6362-6459	
Weaver, W. R. McAdams	2 P	34-27N-10W	4-10-58	9000 MCF	6653	7038	6188-6220	5-1/2 7032
				5500 MCF		PB 6974		
McAdams	3 H	34-27N-10W	5-23-58	5800 MCF	6684	7080	SOF 6878-6969	4-1/2 7080
				3000 MCF			6250-6272	
McAdams	4 N	34-27N-10W	7- 1-58	9000 MCF	6716	7100	SOF 6934-7002	5-1/2 7100
				4000 MCF		PB 7080	SOF 6236-6248	
							SOF 6914-6994	
<u>ANGELS PEAK - GALLUP -- UNDESIGNATED - DAKOTA</u>								
El Paso Natural Gas Huerfano Unit	105 P	29-27N-10W	11-29-58	571 BO	6064	6546	SOF 5640-66	7-5/8 5792
				4325 MCF		CO 6497	SOF 6276-6406	
<u>AZTEC - FRUITLAND -- AZTEC - PICTURED CLIFFS</u>								
Case, Paul Sullivan	5 A	30-29N-10W	12-27-58	2497 MCF	5494	1800	SWF 1472-1550	5-1/2 1800
				112 MCF		PB 1785	SWF 1740-1750	
Sullivan	6 B	25-29N-11W	12-27-58	3202 MCF	5466	1800	SWF 1482-1520	5-1/2 1800
						PB 1797		
				T A			SWF 1694-1704	
<u>AZTEC - FRUITLAND -- FULCHER KUTZ - PICTURED CLIFFS</u>								
Case, Paul Sullivan	4 L	25-29N-11W	6-28-58	869 MCF	5570	1840	SWF 1554-1574	5-1/2 1820
				66 MCF		PB 1819	SWF 1758-74	
<u>AZTEC - PICTURED CLIFFS -- BLANCO - MESAVERDE</u>								
El Paso Natural Gas Hancock	2 L	29-28N- 9W	5- 6-58	3027 MCF	5955	4561	SWF 2070-2110	7-5/8 3851
				3075 MCF		CO 4530	SWF 4332-4480, 3941-4270	
Sunray "J"	1 M	7-30N-10W	1-31-58	1396 MCF	6147	5218	SWF 2682-2740	7-5/8 4534
				4403 MCF		CO 5120	SWF 4962-5094	

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<u>AZTEC - PICTURED CLIFFS -- BLANCO - MESAVERDE (cont.)</u>									
El Paso Natural Gas Tapp	3 L	15-28N- 8W	3- 6-58	2654 MCF	5849	4713 PB 4659	SWF 2316-2406	7-5/8	2475
Tapp	4 M	16-28N- 8W	4- 4-58	4428 MCF 2256 MCF	5768	4622 PB 4569	SWF 4498-4022 SWF 2236-2182	7-5/8	2417
White, Ted M. White	1 K	35-29N- 9W	6-25-58	4289 MCF 2271 MCF 4092 MCF	5751	4614	SWF 4410-4554 SWF 2150-2190 SWF 3800-4546	7	2315
<u>BLANCO, SOUTH - PICTURED CLIFFS -- BLANCO - MESAVERDE</u>									
El Paso Natural Gas Bolack "C"	11 K	28-27N- 8W	2-13-58	810 MCF	6205	4697 CO 4672	SWF 2222-2238	7-5/8	4396
Bolack "C"	12 A	29-27N- 8W	3-28-58	2112 MCF 897 MCF	6241	4740 CO 4700	SWF 4498-4652 SWF 2284-2306	7-5/8	4435
Bolack "C"	13 M	29-27N- 8W	4-19-58	2394 MCF 1100 MCF	6395	4830 CO 4780	SWF 4554-4688 SWF 2378-2420	7-5/8	4428
Bolack "C"	14 B	30-27N- 8W	5- 8-58	2064 MCF 525 MCF	6100	4568 CO 4520	SWF 4630-4762 SWF 2094-2150	7-5/8	2264
Brookhaven State	7 A	2-27N- 8W	10-1-58	2366 MCF 1008 MCF	6296	5181 CO 5150	SWF 4362-4510 SWF 2686-2746	7-5/8	2890
Cuccia State	3 M	32-27N- 8W	5-26-58	1582 MCF 2388 MCF	6284	4635 PB 4589	SWF 4900-5102 SWF 2163-2214	7-5/8	2353
Day "B"	2 M	7-27N- 8W	4-28-58	2400 MCF 7122 MCF	6789	5344	SWF 4472-4566 SWF 2846-2894	7-5/8	3053
Florance "D"	9 M	17-27N- 8W	4- 5-58	4125 MCF 2638 MCF	6802	5355 CO 5327	SWF 5152-5312 SWF 2882-2922	7-5/8	4929
Florance "D"	11 G	18-27N- 8W	2-17-58	3606 MCF 6351 MCF	6782	5312 PB 5281	SWF 5146-5306 SWF 2826-2876	7-5/8	4900
Florance "D"	12 B	19-27N- 8W	6-13-58	4073 MCF 1312 MCF	6104	4638 CO 4589	SWF 5132-5264 SWF 2144-2190	5-1/2	2360
Florance "D"	13 K	20-27N- 8W	4-10-58	3720 MCF 1333 MCF	6788	5298 CO 5260	SWF 4502-4578 SWF 2824-2850	7-5/8	2998
Florance "D"	14 K	21-27N- 8W	4-19-58	3654 MCF 6884 MCF	6240	4765 CO 4716	SWF 5120-5240 SWF 2320-2360	7-5/8	4481
Riddle "F"	4 B	29-28N- 8W	1- 4-58	3335 MCF 1955 MCF	5831	4658 CO 4615	SWF 4606-4686 SWF 2160-2220	7-5/8	2388
Russell	3 M	23-28N- 8W	4-20-58	4419 MCF 3087 MCF	5875	4804 PB 4756	SWF 4440-4602 SWF 2338-2432	7-5/8	2537
Schwerdtfeger "A"	11 G	6-27N- 8W	2- 6-58	3531 MCF 4499 MCF	6472	5143 CO 5125	SWF 4576-4726 SWF 2660-2712	7-5/8	4799
Schwerdtfeger "A"	14 N	8-27N- 8W	3-19-58	4022 MCF 5277 MCF	6748	5355 PB 5310	SWF 4986-5116 SWF 2858-2916	7-5/8	4932
Storey "C"	11 G	34-28N- 9W	6- 6-58	3800 MCF 3474 MCF	6834	5475 CO 5434	SWF 5154-5272 SWF 2990-3020	7-5/8	4925
				3568 MCF			SWF 5248-5350		

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<u>BLANCO - MESAVERDE -- LOS PINOS, NORTH - DAKOTA</u>									
El Paso Natural Gas Allison Unit	13 M	12-32N- 7W	3-31-58	3914 MCF	6600	8150 PB 8081	SWF 5748-5830	5-1/2	8148
Allison Unit	16 N	15-32N- 7W	6-15-58	2005 MCF 4837 MCF	6866	8490 PB 8460	SWF 7984-8070 SWF 8310-8430	5-1/2	8488
Allison Unit	17 K	24-32N- 7W	8-11-58	2571 MCF 4456 MCF	6499	8121 CO 8109	SWF 6038-6098 SWF 5704-5780	5-1/2	8111
				1345 MCF			SWF 7968-8103		
<u>BLANCO - MESAVERDE -- LOS PINOS, SOUTH - DAKOTA</u>									
Blackwood & Nichols NE Blanco Unit	55 B	22-31N- 7W	9-26-58	4702 MCF	6476	8070 PB 8061	SWF 7897-8016	5-1/2	8069
NE Blanco Unit	56 A	34-31N- 7W	11-17-58	288 MCF 4741 MCF	6280	7825 PB 7807	SWF 5341-5793 SWF 5180-5639	5-1/2	7824
				2839 MCF			SWF 7660-7805		
<u>GALLEGOS - GALLUP -- UNDESIGNATED - DAKOTA</u>									
El Paso Natural Gas Delhi-Taylor "C"	1 M	4-26N-11W	10- 7-58	27 BO	6320	6526 CO 6450	SOF 5376-5606	7-5/8	4497
				3742 MCF					
Monsanto Chemical State "J"	1 D	16-26N-11W	6- 6-58	34 BO	6260	6405 PB 6389	SOF 5112-5390	7	6389
				3613 MCF			SOF 6090-6164		
Pan American Petroleum Corp. Randel, O. H., "B"	1 N	10-26N-11W	12- 4-58	285 BO	6340	6447 PB 6408	SOF 5383-5535	7	6447
				3204 MCF			SWF 6250-6310		
<u>UNDESIGNATED - GALLUP -- ANGELS PEAK - DAKOTA</u>									
Sunset Inter. Petr. Kutz Federal "A"	1 K	32-28N-10W	12-22-58	100 BO	5951	6600 PB 6532	SOF 5659-5765	7-5/8	4465
				5469 MCF			SWF 6402-6507		
<u>UNDESIGNATED - GALLUP -- WEST KUTZ - DAKOTA</u>									
Pan American Petroleum Corp. Gallegos Gas Unit	83 A	26-28N-12W	12-15-58	267 BO	5817	6343 PB 6325	SOF 5548-5620	7	6343
				1250 MCF			SWF 6200-6294		
<u>UNDESIGNATED - GALLUP -- UNDESIGNATED - DAKOTA</u>									
El Paso Natural Gas Frontier "B"	1 P	9-27N-11W	4-11-58	30 BO	6256	6771 CO 6720	SOF 5818-5938	7-5/8	4765
				2834 MCF			SWF 6509-6648		
Huerfano Unit	92 F	7-26N- 9W	1- 3-58	1460 MCF	6614	7017 CO 6969		5-1/2	7016
				1652 MCF			SWF 6715-6910		
Huerfano Unit	104 P	17-26N-10W	11-25-58	188 BO	6544	6698 CO 6613	SOF 5580-5874	7-5/8	5974
				5417 MCF			SOF 6516-6636		
Pan American Petroleum Corp. Gallegos Gas Unit	84 D	26-28N-13W	12- 5-58	70 BO	6055	6440 PB 6393	SOF 5648-5730	7	6433
				?			SOF 6306-6384		

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>UNDESIGNATED - GALLUP -- UNDESIGNATED - DAKOTA (cont.)</u>									
Tennessee Gas Transmission USA W. O. Berger	2 D	23-26N-11W	8-20-58	4596 MCF 5787 MCF	6359	6455	SOF 5326-5496 SWF 6198-6271	7	6420
<u>UNDESIGNATED - FRUITLAND</u>									
El Paso Natural Gas Bolack "F"	1 K	1-30N-12W	2-20-58	3807 MCF	5740	2221 PB 1942	SWF 2104-50	5-1/2	2220
<u>UNDESIGNATED - DAKOTA</u>									
El Paso Natural Gas Frontier "C"	1 D	16-27N-11W	10-29-58	4485 MCF	6227	6665 CO 6600	SOF 5510-6376, 6480-6566	7-5/8	5508
King Oil									
Navajo "A"	3 L	4-30N-17W	10-18-58	D & A	5062	1220			
Navajo "C"	1 E	4-30N-17W	7-11-58	P & A	5065	1044		7	52
Navajo "C"	1X E	4-30N-17W	7-21-58	192 BO	5065	1043		4-1/2	1039
Navajo "D"	1 B	5-30N-17W	10- 5-58	P & A	5071	1255		7	60
Navajo "G"	1 H	5-30N-17W	7-20-58	P & A	5046	1042		7	90
Navajo "H"	1 I	5-30N-17W	8-30-58	59 BO	5081	1095 PB 1088	Perfs 1050-1065	4-1/2	1095
Kingwood Oil Kutz-Canyon	1 M	22-28N-10W	9- 7-58	110 BO + 4500 MCF	6093	6790	SWF 6504-6653	5-1/2	6788
Monsanto Chemical Northwest Production	1 K	23-30N-12W	5-10-58	1448 MCF	5491	6569 PB 6485	SOF 6220-6408	5-1/2	6565
Redfern & Markham Redfern	4 I	16-28N-11W	8-28-58	4570 MCF	5592	6275	SWF 6013-6196	5-1/2	6266
Southern Union Gas Johns	1 N	20-32N-13W	9-10-58	P 1 1/2 BO	6162	3425	SOF 2533-2655		
McCord	1 M	15-30N-13W	11-28-58	1400 MCF	5580	6373 PB 6220	SWF 6104-6209	5-1/2	6372
Sunray Mid-Continent N. M. Federal "1"	2 A	1-29N-14W	4-15-58	399 MCF	5551	6125	SWF 5840-5990	5-1/2	6124
Sunset Int. Petr. Kutz Federal "E"	1 G	17-28N-10W	12-20-58	8179 MCF	5880	6607 PB 6600	SWF 6309-6560	7-5/8	4482
<u>UNDESIGNATED - GALLUP</u>									
Gulf Oil Largo-Federal "B"	1 A	22-24N- 9W	3-23-58	22 BO	6683	5280 PB 5258	SOF 5172-5214	5-1/2	5279
King Oil Navajo "A"	2 H	4-30N-17W	9-23-58	T A	5132	610			
Pan American Petroleum Corp. Old Trading Post	1 P	10-26N-14W	6- 7-58	103 BO	6212	6062 PB 5728	SOF 5018-5095	7	6062
USA-Holder	1 P	21-28N-13W	3- 4-58	95 BO	6011	6381 PB 6150	SOF 5335-5685	5-1/2	6381
Royal Development (Rex Uranium)									
Royal Rex	2 D	18-27N-13W	1-14-58	30 BO	6055	6145	SOF 5192-5406	5-1/2	5448
Paquenche	2 H	3-24N- 8W	1- 8-58	236 BO	7188	7239 PB 6350	SOF 5904-6004	5-1/2	7237
Skelly Oil Saunders	1 O	11-26N-11W	8- 4-58	55 BO	6484	6678 PB 6368	SOF 5584-5746	7	6675

COMPANY LEASE	WELL UNIT	SEC., T., R.	COMP. DATE	INIT. PROD. TEST	ELEV.	TOTAL DEPTH	TREATMENT INTERVAL	OIL STRING SIZE	DEPTH
<u>UNDESIGNATED - PICTURED CLIFFS</u>									
Pan American Petroleum Corp. Elliott, E. E.	2 P	15-30N- 9W	9-10-58	1150 MCF	6175	2992	SWF 2930-60	8-5/8	318
						PB 2975			
Elliott, E. E. "B"	4 P	27-30N- 9W	8-20-58	3221 MCF	5810	2611	SWF 2528-2569	5-1/2	2611
						PB 2580			
Elliott, E. E. "B"	5 E	26-30N- 9W	8-29-58	6084 MCF	5941	2741	SWF 2660-2695	5-1/2	2741
						PB 2715			
Elliott "C"	1 J	9-30N- 9W	12-19-58	1520 MCF	6085	2931	SWF 2856-86	4-1/2	2931
						PB 2898			
Riddle	2 E	24-30N-10W	7-16-58	3490 MCF	6269	2992	SWF 2900-48	5-1/2	2988
						PB 2970			
<u>DRY WILDCATS</u>									
Bayless, R. L. Navajo	3 M	6-31N-17W	4-26-58	D & A	5304	1615			
Davis Oil Chaco Unit	6 L	12-23N- 9W	3- 7-58	P & A	?	5952		9-5/8	105
Chaco Unit	7 N	30-23N- 8W	6-24-58	P & A	6708	5719		8-5/8	257
South Chaco	5 A	2-22N- 8W	5-15-58	P & A	6901	6005		8-5/8	201
Riddle	1 E	10-24N-13W	2-14-58	P & A	6201	5451		9-5/8	98
El Paso Natural Gas Lundean "A"	1 A	4-25N-10W	1- 4-58	P & A	6708	5895		10-3/4	172
Forest Oil Corp. Ute 31	1 M	31-32N-15W	11-23-58	P & A	6631	10,010		8-5/8	3816
Gulf Oil Corp. Amarilla-Navajo	1 D	30-28N-14W	4-25-58	P & A	5714	5740 PB 5103	SOF 868-880	5-1/2	5129
Humble Oil & Refining North Kirtland Unit	1 H	19-30N-14W	5-25-58	P & A	5486	5873	SOF 5033-5120	5-1/2	5870
North Waterflow Unit	1 K	28-30N-15W	3-11-58	P & A	5219	4967		5-1/2	4437
North Waterflow Unit "L"	2 L	10-30N-15W	6-28-58	P & A	5336	4476	SOF OH 4363-4476	7	4099
Jones, B. B. Magnolia Navajo	1 A	31-30N-17W	12- 7-58	P & A	?	1135			
King Oil Navajo "B"	2 P	34-31N-17W	9-24-58	T A	5220	666			
Navajo "K"	2 J	20-30N-16W	1-24-58	P & A	5387	1491			
Navajo "K"	2 A	20-30N-16W	7-11-58	P & A	5433	2104		8-5/8	30
Navajo "M"	1 J	20-30N-16W	1-24-58	P & A	5387	1493		9-5/8	62
LaRue, E. B., Jr. Kinebeto	2 H	17-23N-10W	8-12-58	P & A	6617	5477		9-5/8	100
Kinebeto	3 A	27-23N-10W	9- 3-58	P & A	6602	5433		9-5/8	100
Kinebeto	4 H	9-22N-10W	9-23-58	P & A	6399	4968		9-5/8	100
Lawrence, James H. Lawrence-Navajo	1 A	5-24N-17W	12-21-58	P & A	5707	3815		8-5/8	97
Murchison, Ken Federal	1 N	17-25N-13W	5- 2-58	P & A	6335	5881		10-3/4	206
National Drilling Waterflow	1 E	8-29N-15W	5- 4-58	D & A	5112	4797			
Northwest Production Corp. Kinebeto	1 C	26-22N-10W	5-21-58	P & A	6357	4785		8-5/8	170
Pan American Petroleum Corp. McCarty Gas Unit 15	1 B	15-31N-13W	9-30-58	P & A	?	6800	SWF 4386-4676	7-7/8	4750

<u>COMPANY</u> <u>LEASE</u>	<u>WELL</u> <u>UNIT</u>	<u>SEC., T., R.</u>	<u>COMP.</u> <u>DATE</u>	<u>INIT.</u> <u>PROD.</u> <u>TEST</u>	<u>ELEV.</u>	<u>TOTAL</u> <u>DEPTH</u>	<u>TREATMENT</u> <u>INTERVAL</u>	<u>OIL STRING</u> <u>SIZE</u>	<u>DEPTH</u>
<u>DRY WILDCATS (cont.)</u>									
San Juan Drilling Jackson "F"	1 K	30-30N-11W	10- 8-58	P & A	5727	749		8-5/8	96
Shell Oil Burnham 24	14 M	24-26N-15W	12- 7-58	P & A	5804	5437		8-5/8	142
Sinclair Oil & Gas Navajo	1 I	18-21N-12W	9- 8-58	P & A	6019	3852		10-3/4	96
Standard Oil of Texas Navajo 2	1 D	2-26N-15W	12-16-58	P & A	5763	4830 PB 4660	SOF 4460-4650	5-1/2	4700
Navajo 7	1 P	31-27N-14W	5-20-58	P & A	5901	4737		9-5/8	289
Sudduth, D. F. Navajo	1 M	19-30N-16W	12- 2-58	P & A	5127	1492		8-5/8	90
Sunray Mid-Continent Oil N. M. Navajo	1 K	27-28N-17W	12- 1-58	P & A	5334	1675		8-5/8	107
N. M. Navajo	2 A	27-28N-17W	12- 8-58	D & A	5282	1690			
N. M. Navajo	3 O	27-28N-17W	12-16-58	D & A	5331	1655			
Western Development Rummel	1 E	27-27N-12W	1-20-58	P & A	5840	6125		8-5/8	215
<u>SAN MIGUEL COUNTY</u>									
<u>WILDCATS</u>									
Miami Petroleum Bell Ranch	2 F	12-14N-27E	9-26-58	P & A	4274	3202		7	1859
Hoover Ranch	1 D	14-12N-28E	1-27-58	P & A	4085	6848		13-3/8	270
Hoover Ranch	2 O	18-12N-29E	9- 2-58	P & A	4119	7075		13-3/8	318
<u>TORRANCE COUNTY</u>									
<u>WILDCATS</u>									
Cacy, W. L. Cacy "A"	1 H	21- 6N- 5E	8- 6-58	T A	?	955		5-1/2	885
<u>UNION COUNTY</u>									
<u>WILDCATS</u>									
Skelly Oil New Mexico Van Pelt	1 L	9-28N-35E	6-28-58	P & A	5162	4387		10-3/4	652
<u>VALENCIA COUNTY</u>									
<u>WILDCATS</u>									
Gore, Byron & Lipson, Berry, et al. Federal "B"	1 F	26- 7N- 4W	10-11-58	P & A	6060	3674		8-5/8	120
King, Richard, Jr. Wilson Heirs Unit	1 I	14- 7N- 3W	10-23-58	P & A	5891	3993		12-3/4	249