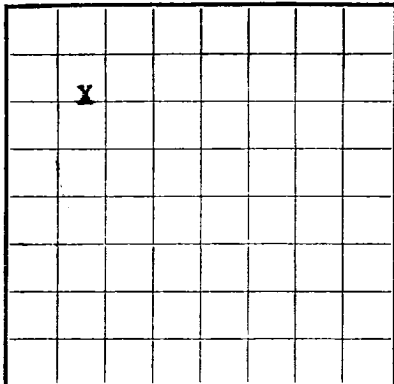


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078628-A**
LEASE OR PERMIT TO PROSPECT
Canyon Largo Unit

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSKELLY-TEEL-GOVERNMENT #1-15:

LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address Midland, Texas
Lessor or Tract _____ Field MC (Canyon Largo) State New Mexico
Well No. 1-15 Sec. 15 T. 24 R. 6W Meridian NMPM County Rio Arriba
Location 990 ft. N of N Line and 990 ft. E of N Line of Section 15 Elevation 6710 KB
(Derrick floor relative to sea level)The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.Signed W. J. Mathis (Wm. J. Mathis)Date January 28, 1957 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling January 16, 1957 Finished drilling January 25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2317 to 2332 (G) No. 4, from _____
No. 2, from _____ to _____ No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>Spaw</u>	<u>101</u>	<u>Baker</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>21</u>	<u>8</u>	<u>Spaw</u>	<u>2360</u>	<u>Baker</u>				<u>2317-2332</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>101</u>	<u>75 Sack / 3% Ca Cl</u>	<u>Pump & Plug</u>	<u>Water</u>	<u>Circd cement to surface</u>
<u>5-1/2"</u>	<u>2360</u>	<u>125 sack</u>	<u>2 Plug</u>	<u>9.6</u>	<u>Hole full</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from -0- feet to 2360 feet, and from _____ feet to _____ feetCable tools were used from To Clean out faster frac job feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Shut-in Gas Well 19____The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____If gas well, cu. ft. per 24 hours 3,803,000 Gallons gasoline per 1,000 cu. ft. of gas 0.3Rock pressure, lbs. per sq. in. 781

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>1485</u>	<u>1485</u>	<u>Sand, Shale & Conglomerate.</u>
<u>1485</u>	<u>1835</u>	<u>350</u>	<u>Clay, Bentonite & Shale.</u>
<u>1835</u>	<u>2259</u>	<u>424</u>	<u>Shale, Coal & Sand.</u>
<u>2259</u>	<u>2332</u>	<u>73</u>	<u>Sand & Shale.</u>
<u>2332</u>	<u>2360</u>	<u>28</u>	<u>Shale, Sandy Shale.</u>
<u>TD:</u>	<u>2360</u>		<u>TOP OF PICTURED CLIFFS: 2259'</u>
			<u>SAND-WATER FRAC TREATMENT.</u>
			<u>Mixed 30,000# Sand w/24,250 gallons water and flushed w/63000 gallons water. Max pressure 1800#, min pressure 1250#, PP 750#. Injection rate 44 BPM. Complete @12:00 Noon (1-25-57)</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

The above is a true and correct copy of the original as shown to the undersigned by the person who produced it.

(D) $\frac{1}{2} \log 2$



.....	mon, 8.0%	to	and 1.6%
.....	mon, 4.0%	to	and 1.2%

[illegible]

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]