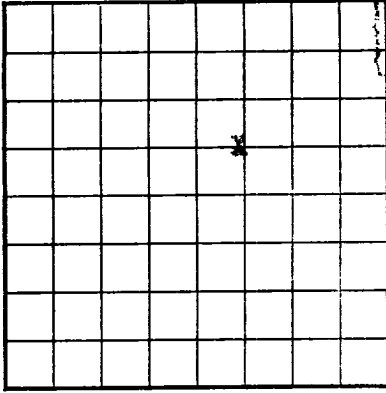


DUPLICATE

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 031670 a  
LEASE OR PERMIT TO PROSPECT Lease



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 427, Hobbs, New Mexico  
Lessor or Tract SEMU-Surger A-19 Field Skaggs State New Mexico  
Well No. 9 Sec. 19 T20S R. 38E Meridian N.M.P.M. County Lea  
Location 1980 ft. (N) of N Line and 1980 ft. (E) of E Line of Section 19 Elevation 3552  
(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 \_\_\_\_\_

Date October 9, 1951 Title Asst. Dist. Supt.

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

Commenced drilling 7-29-51, 19\_\_\_\_ Finished drilling 9-30-51, 19\_\_\_\_

**OIL OR GAS SANDS OR ZONES**  
(Denote gas by G)

No. 1, from 3755 to 3901 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
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>10 3/4</u>	<u>32.75</u>	<u>8R</u>	<u>H-40</u>	<u>257</u>	<u>Guide</u>				
<u>7"</u>	<u>23</u>	<u>8R</u>	<u>J-55</u>	<u>363</u>	<u>G. shoe and P. collar</u>				
<u>7"</u>	<u>20</u>	<u>8R</u>	<u>J-55</u>	<u>332</u>					

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>265</u>	<u>225</u>	<u>Pump &amp; Plug</u>		
<u>7</u>	<u>3686</u>	<u>710</u>	<u>Pump &amp; Plug</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 3687 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 3687 feet to 3901 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

Put to producing 10-2-51, 19\_\_\_\_  
The production for the first 24 hours was 264 barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 36  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

E. E. Wallace, Driller D. Spoonmoore, Driller  
T. G. Sexton, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>1380</u>	<u>1380</u>	<u>Surface sands and red beds.</u>
<u>1380</u>	<u>1500</u>	<u>120</u>	<u>Anhydrite.</u>
<u>1500</u>	<u>2530</u>	<u>1030</u>	<u>Salt and anhydrite.</u>
<u>2530</u>	<u>2620</u>	<u>90</u>	<u>Shale and anhydrite.</u>
<u>2620</u>	<u>2720</u>	<u>100</u>	<u>Lime and anhydrite.</u>
<u>2720</u>	<u>2890</u>	<u>170</u>	<u>Lime and gypsum.</u>
<u>2890</u>	<u>3901</u>	<u>1011</u>	<u>Lime.</u>

Completed for an initial potential of 264 bbls. oil, based on 55 bbls. oil and no water in 5 hrs. thru 40/64" choke on 2" tubing. Gas volume 146 MCF gas per day. GOR 550. CP 215#. TP 75#. Well was neither shot nor acidized.

FOLD | MARK

