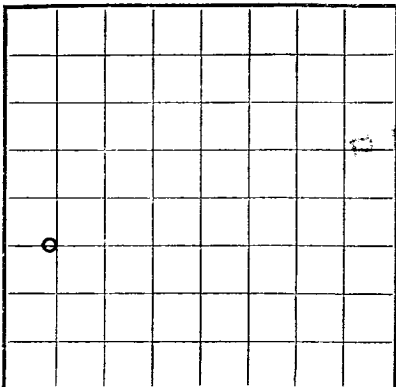




LOCATE WELL CORRECTLY

DEC 3 1959

Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER LC 062084

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

DEC 7 1959

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
Lessor or Tract Federal "E" Field Culwin State New Mexico
Well No. 1 Sec. 31 T. 18-S R. 31-E Meridian NMPM County Eddy
Location 1980 ft. [N.] of S Line and 592 ft. [E.] of W Line of Section 31 Elevation 3527' SCF
(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. F. Schafer W. F. Schafer
Date November 30, 1959 Title Division Superintendent

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

Commenced drilling September 28, 1959 Finished drilling October 14, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3315' to 3423' 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>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>Natl.</u>	<u>777'</u>	<u>Hardin Guide shoe</u>	<u>3315'</u>	<u>3321'</u>	<u>w/ 16 shots</u>	
<u>5-1/2"</u>	<u>18</u>	<u>8</u>	<u>Natl.</u>	<u>3479'</u>	<u>Hardin Guide shoe</u>	<u>3346'</u>	<u>3364'</u>	<u>w/ 36 shots</u>	
						<u>3386'</u>	<u>3392'</u>	<u>w/ 12 shots</u>	
Note: Treated Perfs. 3315'-3423' w/ 20,000 gals. Refined						<u>3416'</u>	<u>3423'</u>	<u>w/ 12 shots</u>	
Oil and 70,000 Sand in 3 stages.									

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>777'</u>	<u>75</u>	<u>Pump and plug</u>		
<u>5-1/2"</u>	<u>3479'</u>	<u>250</u>	<u>Pump and 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 3480 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 30, 1959 Put to producing November 14, 1959

* The production for the first 24 hours was 129 barrels of fluid of which 8.5% was oil; _____%
emulsion; 91.5% water; and _____% sediment. Gravity, °Bé. 30 deg. at 60 deg.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____ * Based on 24 hour pumping test, 42" stk.,
17 SPH, 11 bbls. oil, 118 bbls. water,
GOR 35 CF/B

EMPLOYEES

Ralph Richardson, Driller C. L. Hill, Driller
W. D. Hinchart, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>GEOLOGICAL</u>	<u>TOPS: - - - -</u>	<u>510</u>	<u>Anhydrite</u>
		<u>2140</u>	<u>Yates</u>
		<u>3125</u>	<u>Jensen</u>
		<u>3347</u>	<u>Penrose</u>
<u>DEFLECTION TESTS:</u>			
<u>Footage</u>	<u>Degrees</u>		
<u>500</u>	<u>1/2</u>		
<u>779</u>	<u>1/2</u>		
<u>2205</u>	<u>1-1/4</u>		
<u>2510</u>	<u>1-3/4</u>		

