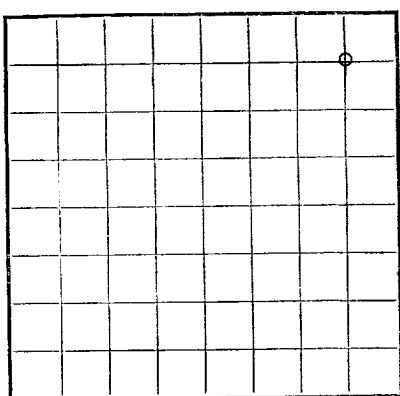


U. S. LAND OFFICE

LC 062085

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
Lessor or Tract Federal #PM Field Culwin State New Mexico
Well No. 1 Sec. 31 T. 18-N R. 31-E Meridian NMPM County Eddy
Location 660 ft. N of N Line and 660 ft. E of E Line of Section 31 Elevation 3567' SLF
(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 _____

Title Chief ClerkDate April 26, 1960

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

Commenced drilling February 15, 19 60 Finished drilling March 26, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2602' to 2606' No. 4, from 3626' to 3639'
No. 2, from 3191' to 3208' No. 5, from _____ to _____
No. 3, from 3430' to 3450' No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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 R</u>	<u>Natl.</u>	<u>802'</u>	<u>Open shoe</u>				
<u>5-1/2"</u>	<u>14</u>	<u>8 R</u>	<u>Natl.</u>	<u>3695'</u>	<u>Leaking float shoe</u>	<u>3626'</u>	<u>3639'</u>	<u>w/ 36 shots</u>	
Note: <u>Treated perfs. 3628'-3637' w/ 250 gal. Spermoc Acid</u>									

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>602'</u>	<u>150</u>	<u>Pump and plug</u>		
<u>5-1/2"</u>	<u>3695'</u>	<u>300</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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 3695' feet, and from _____ feet to _____ feet

DATES

April 26, 19 60 Put to producing April 12, 19 60

The production for the first 24 hours was 110 barrels of fluid of which 59 % was oil; 0 %
emulsion; 41 % water; and 0 % sediment. Gravity, °Bé. 32 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. _____

EMPLOYEES

_____, Driller _____, Driller
Bill Martin, Driller H. F. Wilson, Driller
Luther Greene, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		<u>540</u>	<u>Mustler Anhydrite</u>
		<u>2124</u>	<u>Yates</u>
		<u>2543</u>	<u>Seven Rivers</u>
		<u>3191</u>	<u>Queen</u>
		<u>3430</u>	<u>Lenrose</u>
		<u>3639</u>	<u>Grayburg</u>
DEFLECTION TESTS:			
FOOTAGE: DEGREES:			
<u>500</u>	<u>1-1/2</u>		
<u>1000</u>	<u>1</u>		
<u>1500</u>	<u>1/4</u>		
<u>2500</u>	<u>1/4</u>		
<u>3000</u>	<u>1/2</u>		

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Give name of person giving to test for water, state kind of material used, position, and results of pumping or bailing.

[illegible]

UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535