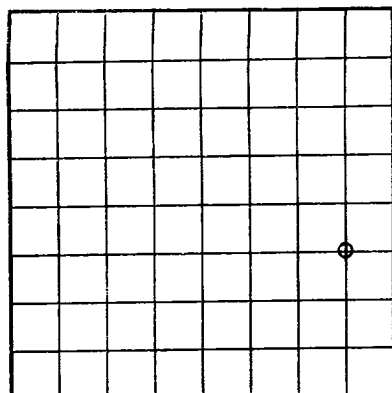


U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER LC-069832
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas

Lessor or Tract Federal "A" Field South Dickey ^(Ext) Queen State New Mexico

Well No. 3 Sec. 5 T. 15-S R. 31-E Meridian NMPM County Chaves

Location 1983 ft. { N. } of S Line and 660 ft. { EX } of E Line of Section 5 Elevation 4449' DF
(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.

Date April 19, 1955 Signed [Signature]
Title Chief Clerk

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

Commenced drilling March 12, 19 55 Finished drilling March 24, 19 55

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

No. 1, from 3140' to 3149' 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 None to _____

No. 2, from _____ to _____

No. 3, 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—	
8-5/8"	24#	8R	National	329'	Larkin Texas Pattern Shoe				
5-1/2"	14#	8R	Republic & Youngstown	3127'	Larkin Guide Float Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	344'	275	Pump & plug		
5-1/2"	3139'	275	Pump & plug		

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 3161 feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

April 19, _____, 1955 Put to producing April 13, _____, 1955

The production for the first 24 hours was 49 barrels of fluid of which * % was oil; * %
Test: Pumped 42 bbls. oil, 7 bbls. water, 22" stroke, 18 SPM, 24 hr. test.
 emulsion, % water; and % sediment. Gravity, Be. 35 @ 60 deg.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES	
Tom McClure, Driller	J. W. Bray, Driller
James H. Hollis, Driller	O. E. Gray, Driller

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	1377	1377	Redbed
1377	1504	127	Anhydrite & redbed
1504	1708	204	Anhydrite & salt
1708	1828	120	Anhydrite, salt & gyp.
1828	2129	301	Salt & gyp.
2129	2458	329	Anhydrite, gyp. & salt
2458	3139	681	Anhydrite & gyp.
3139	3161	22	Sand
	3161		Total Depth

FORMATION

—FROM—

—OL

TOTAL FEET

FORMATION

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked," or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.