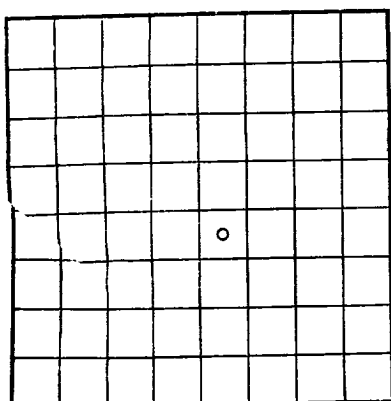


U. S. AND OFFICE ~~LC-069832~~
SER. NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

P. O. Box 2107, Fort Worth 1, Texas

Company The Pure Oil Company Address _____
Lessor or Tract Federal "A" Field South Dickey State Queen (Ext) New Mexico
Well No. 4 Sec. 5 T. 15-S R. 31-E Meridian NMPM County Chaves
Location 1981 ft. { N } of S Line and 1982 ft. { E } of E Line of Section 5 Elevation 4453' 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 Title Chief Clerk

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

Commenced drilling March 17, 1955 Finished drilling March 26, 1955

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

No. 1, from 3124 to 3137 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	229'	Baker Texas Pattern Shoe				
5-1/2"	20#, 17#, 14#	8R	National	3100'	Larkin 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"	345'	275	Pump and plug		
5-1/2"	3122'	275	Pump and 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 3143 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 4, 1955

The production for the first 24 hours was 621 barrels of fluid of which * % was oil; * %
Test: 621 bbls. oil 24 hrs., based on 207 bbls. in 8 hrs., thru 2" tubing, 3/4" choke;
emulsion, % water, and % sediment. Gravity, Be. 36 @ 60 deg.
No water, shake out 2/10% emulsion; Tubing Pressure 50#; Casing Pressure 350#.
ft gas well, cu. ft. per 24 hours Gals. gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

EMPLOYEES

<u>J. M. Adams</u>	, Driller	<u>Leo Keohn</u>	, Driller
<u>E. G. Holly</u>	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	350	350	Caliche and redbed
350	1218	868	Redbed
1218	1910	692	Anhydrite, salt & gyp.
1910	2223	313	Anhydrite & gyp.
2223	2358	135	Anhydrite & salt
2358	3122	704	Anhydrite & gyp.
3122	3143	21	Salt & anhydrite
	3143		Total Depth

(OVER)

FOOTNOTES RECORD-CONTINUED

[illegible][illegible]

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.

HISTORY OF OIL OR GAS WELL.

U. S. GOVERNMENT PRINTING OFFICE

[illegible]