

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

A 10x10 grid with a dot at the intersection of the 4th column and 3rd row from the bottom-left corner.

LOCATE WELL CORRECTLY

7-20 UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUG 20 1955

14-00000

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 2107, Fort Worth 1, Texas
 Lessor or Tract Federal "A" Field South Dickey Queen State (Ext) New Mexico
 Well No. 8 Sec. 4 T. 15-S R. 31-E Meridian NMPM County Chaves
 Location 660 ft. {^N/_S} of 3 Line and 1980 ft. {^E/_W} of W Line of Sec. 4 Elevation 4434 ¹ 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 August 9, 1955

Signed _____ Title Chief Clerk

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

Commenced drilling July 19, 1955 Finished drilling July 31, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3152 (+1282) to 3161 (+1273) 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. 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#	8 RD	National	334'	Texas Pattern Shoe				
5-1/2"	24#	8 RD	National	319'	Howe Guide Shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	347'	300	Pump and plug		
5-1/2"	315'	375	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 3165 feet, and from _____ feet to _____ feet

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

DATES

August 9, 1955 Put to producing August 4, 1955

The production for the first 24 hours was 272 barrels of fluid of which 99 3/10 % was oil; 2/10 % water; and 1/10 % sediment. Gravity, °Bé. 36.2 - 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

EMPLOYEES

W. T. Baxter	Driller	Roy Neher	Driller
J. E. Neher	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	226	226	Sand & caliche
226	352	126	Sand & shale
352	750	398	Redbed & shale
750	848	98	Sand & red shale
848	1253	405	Red shale
1253	1350	97	Shale
1350	1436	86	Anhydrite
1436	1518	82	Anhydrite & salt
1518	1716	198	Salt
1716	1988	272	Anhydrite
1988	2284	296	Salt & shale
2284	2467	183	Shale & anhydrite shells
2467	2527	60	Anhydrite, shale & gyp.
2527	2590	63	Anhydrite
2590	3083	493	Anhydrite & gyp.
3083	3131	48	Anhydrite & sand
3131	3149	18	Anhydrite & gyp.
3149	3152	3	Anhydrite
3152	3165	13	Sand & anhydrite
	3165		Total Depth

(OVER)

16—43094-2

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 bailing.

[illegible]