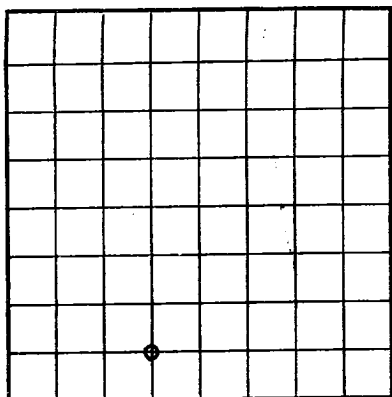


U. S. LAND OFFICE **Santa Fe, N.M.**
SERIAL NUMBER **LC-069832**
LEASE OR PERMIT TO PROSPECT _____



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 "A"** Field **South Dickey** **Queen (Ext)** State **New Mexico**
Well No. **8** Sec. **4** T. **15-S** R. **31-E** Meridian **NMPM** County **Chaves**
Location **660** ft. **N.** of **3** Line and **1980** ft. **E.** of **W.** Line of **Sec. 4** Elevation **4434'** **DP**
(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 Clerk**
Date **August 9, 1955**

The summary on this page is for the condition of the well at above date
Commenced drilling **July 19,** 19**55** Finished drilling **July 31,** 19**55**

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. 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—	
8-5/8"	24	8.20	National	334'	Texas Pattern Shoe				
5-1/2"	14	8.20	National	339'	Howe Gate Shoe				
NATIONAL CEMENT CO. CEMENT									

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"	3151'	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, 19**55** Put to producing **August 4,** 19**55**
The production for the first 24 hours was **272** barrels of fluid of which **99-5/10** % was oil; **-** %
emulsion; **2/10** % water; and **-** % sediment. Gravity, °Bé. **36.2 ± 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

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)

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. There are no markings or text on the page.

YLT034303 NEW YORK

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LANDS

TO GO TO OR GAS WELL

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

2015

2-000000 200 COVER 100 30 100

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drillings, 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 for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48094-1 U. S. GOVERNMENT PRINTING OFFICE

FROM	TO	TOTAL FEET	FORMATION
1000	900	100	SHOOTING RANGE
900	800	100	SHOOTING RANGE
800	700	100	SHOOTING RANGE
700	600	100	SHOOTING RANGE
600	500	100	SHOOTING RANGE
500	400	100	SHOOTING RANGE
400	300	100	SHOOTING RANGE
300	200	100	SHOOTING RANGE
200	100	100	SHOOTING RANGE
100	0	100	SHOOTING RANGE
0	0	0	SHOOTING RANGE