



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Pure Oil Company Address F. O. Box 2107, Fort Worth 1, Texas
Lessor or Tract Federal "A" Field South Drickey State New Mexico
Well No. 5 Sec. 4 T. 15-S R. 31-E Meridian NMPM County Chaves
Location 1983 ft. (N.) of S Line and 660 ft. (E.) of W Line of Section 4 Elevation 4445' 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.

Signed _____ Title Chief Clerk
Date April 22, 1955

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

Commenced drilling March 23, 19 55 Finished drilling April 5, 19 55

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

No. 1, from 3147' to 3158' 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. 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>SR</u>	<u>National</u>	<u>326'</u>	<u>Larkin Texas</u>	<u>Pattern Shoe</u>			
<u>5-1/2"</u>	<u>14#</u>	<u>SR</u>	<u>Youngstown</u>	<u>333'</u>	<u>Larkin</u>	<u>Float & Guide Shoe</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>311'</u>	<u>283</u>	<u>Pump and plug</u>		
<u>5-1/2"</u>	<u>3146'</u>	<u>275</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 0 feet to 3162 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 22, 19 55 Put to producing April 15, 19 55

The production for the first 24 hours was 129 barrels of fluid of which * % was oil; * %
est: Pumped 129 bbls. oil in 24 hrs. based on 43 bbls. oil in 8 hrs. with 1-1/2" pump,
emulsion, 2% water, and 1% sediment. Gravity, 35.0 @ 60 deg.
2" stroke, 160 RPM, 10% Emulsion, 60R 215 CF/B/
Gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. W. Bray, Driller J. H. Morris, Driller
O. E. Gray, Driller Jim C. Coonce, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Caliche
290	1136	846	Redbed
1136	1494	358	Redbed & anhydrite
1494	1680	186	Redbed, anhydrite & salt
1680	2047	367	Anhydrite & salt
2047	2221	174	Redbed, salt & anhydrite
2221	2375	154	Salt & anhydrite
2375	2480	105	Anhydrite
2480	2810	330	Anhydrite & gyp.
2810	2888	78	Anhydrite & dolomite
2888	3050	162	Anhydrite & gyp.
3050	3127	77	Anhydrite & dolomite
3127	3147	20	Anhydrite
3147	3162	15	Sand
	3162		Total Depth

