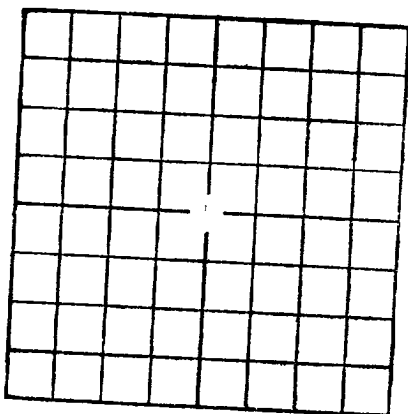




LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
JAN 28 1938
HOBBS OFFICE

LOG OF OIL OR GAS WELL

DUPLICATE

Company Humble Oil & Refining Co. Address Houston, Texas
Lessor or Tract Federal Popeano Field Eunice State New Mexico
Well No. 2 Sec. 35 T20S R.36E Meridian County Lee
Location 1980 ft. (N.) of N. Line and 660 ft. (E.) of E. Line of Section 35 Elevation 3560
(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 November 4, 1937Signed H. S. McGarry
Title District Sup't.

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

Commenced drilling October 14, 19 37 Finished drilling October 27, 19 37

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3730 to 3860 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	
10-3/4"	40#	8	SS	138' 11"	Texas	Pattern			
7-5/8"	26#	8	SS	138' 11"	Texas	Pattern			
5-1/2"	17#	10	SS	138' 11"	Texas	Pattern			
2"	4.70#	10	EUSE	3843'	OL OIF CB CYS METT				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	154'	150	Halliburton	10.2#	
7-5/8"	1276' 10"	450	Halliburton	10.3#	
5-1/2"	3704'	125	Halliburton	10.7	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

ACID TREATING

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Nov. 1, 1937 treated with 1000 gallons Halliburton acid from 3730' to 3860'. On November 2, 1937 treated with 2000 gallons Halliburton acid from 3720' to 3860'.						

TOOLS USED

Rotary tools were used from 0 feet to 3860 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 3, 19 37 Put to producing November 16, 19 37
The production for the first 2 hours was 38 barrels of fluid of which 99.4% was oil; _____ %
emulsion; _____ % water; and .6% sediment. Gravity, °Bé. 34.8 at 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

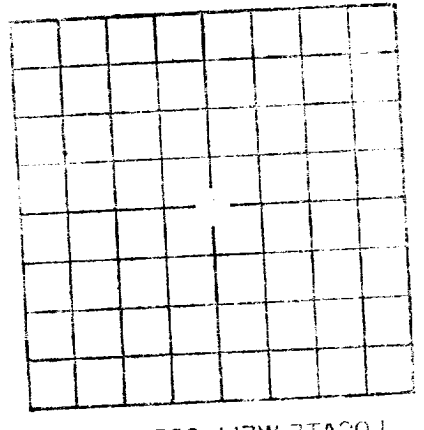
V. O. Earnest, Driller Sid Sprouse, Driller
C. E. Earnest, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	16	16	Cellar
16	45	29	Caliche
45	95	50	Sand
95	294	199	Red beds
294	905	611	Red beds and red rock
905	1055	150	Red beds and shells
1055	1255	200	Red rock
1255	1365	110	Anhydrite
1365	1420	55	Salt and anhydrite shells
1420	2670	1250	Salt and anhydrite
2670	2887	217	Anhydrite
2887	3860	973	Lime - T. D.

(OVER)

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SPECIAL NUMBER
LEASE OR PERMIT TO PROSPECT
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS OFFICE

LOG OF OIL OR GAS WELL

Company: Hobbs Oil & Gas Co.
Address: Hobbs, New Mexico
Field: Hobbs
State: New Mexico
County: Lincoln
Section: 22
T. 22 N. R. 10 E. W. 2 E.
Location: 1/2 of line and 250 ft. W. of line
Elevation: 5000 ft.
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: J. S. Hobbs, President
Date: May 1, 1917
The summary on this page is for the condition of the well at above date.
Commenced drilling: May 1, 1917
Finished drilling: May 1, 1917

OIL OR GAS SANDS OR ZONES

Perforated by ()
No. 1 from 100 to 120
No. 2 from 120 to 140
No. 3 from 140 to 160
No. 4 from 160 to 180
No. 5 from 180 to 200
No. 6 from 200 to 220

IMPORTANT WATER SANDS

No. 1 from 100 to 120
No. 2 from 120 to 140
No. 3 from 140 to 160
No. 4 from 160 to 180
No. 5 from 180 to 200
No. 6 from 200 to 220

CASING RECORD

Purposes	Perforated	Kind of shoe	Amount	Shape	Thickness per inch	Weight per foot	Size
	From To	Cut and pulled from					

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 left in the well, give its size and location. If the well has been damaged, give date, size, position, and number of holes. If pieces of bridges were put in to test for water, state kind of material used, position, and reasons of putting in or pulling out.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Where used	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Material	Depth	Depth set

SHOOTING RECORD

Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Tools used	From	To

DATES

Put to producing: May 1, 1917
The production for the first 24 hours was 10 barrels of fluid of which 8 was oil; 2 was gas.
Gravity: 34.0 deg. 34.0 deg.
If gas well, cut ft. per 24 hours
Flow pressure, lbs. per sq. in.
Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

Driller	Driller
J. S. Hobbs	J. S. Hobbs

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Cellar	10	10	0
Gravel	20	30	10
Sand	30	60	30
Red beds	100	160	60
2 1/2 beds and red rock	60	220	160
Red beds and shale	180	400	220
Red rock	100	500	400
Argillite	110	610	500
Salt and anhydrite shells	55	665	610
Salt and anhydrite	1250	1915	665
Argillite	210	2125	1915
Line - 2 1/2	275	2400	2125