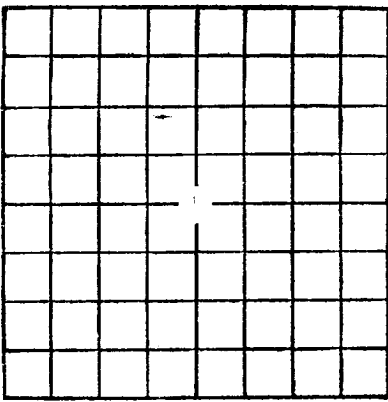
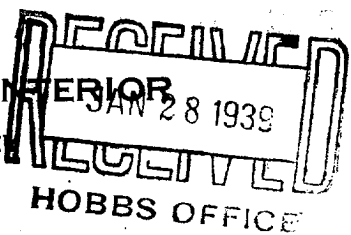


Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER 048741
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Humble Oil & Refining Co.** Address **Houston, Texas**
Lessor or Tract **Federal Fopeano** Field **Eunice** State **New Mexico**
Well No. **4** Sec. **26** T. **208** R. **36E** Meridian _____ County **Lea**
Location **660** ft. [N.] of **S** Line and **660** ft. [E.] of **E** Line of **Section 26** Elevation **3563'**
(Derriek 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 **3-29-38**Signed *[Signature]* Title **District Superintendent**

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

Commenced drilling **March 3,** 19**38** Finished drilling **March 19,** 19**38**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3730** to **3850** 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	150'	Texas Pattern				
7 5/8"	40#	8	SS	1255 1/2'	Halliburton Guide Shoe & Float Collar				
5 1/2"	17#	10	SS	3700'	Halliburton Set Shoe & Float Collar				
2"	4.70#	10	EUSE	3836'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	163'	100 sax ElToro	Halliburton	9.0#	25 tons used in well
7 5/8"	1267' 1"	400 sax ElToro	Halliburton	9.5#	
5 1/2"	3711' 0"	150 Sax ElToro	Halliburton	10.0#	

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** Size _____

ACID TREATING

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Halliburton Acid	2000 gal	3-21-38	3730' to 3850'	

TOOLS USED

Rotary tools were used from **0** feet to **3850'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 29, 1938 Will be Put to producing April 1, 1938

The production for the first **24** hours was **88** barrels of fluid of which **99.8** % was oil; _____ % emulsion; _____ % water; and **2/10** % sediment. Gravity, °B **34.3** at **60** degrees

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **Tubing pressure 435#-Casing Pressure 125#**

EMPLOYEES

Sid Sprouse _____, Driller **H.R. Vanga** _____, Driller
C.W. Lambert _____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	170	170	Red Bed & Shells
170	775	605	Red Rock
775	975	200	Red Rock
975	1150	175	Red Rock & Anhydrite
1150	1170	20	Anhydrite
1170	1240	70	Red Rock
1240	1270	30	Anhydrite
1270	1424	154	Anhydrite and Salt
1424	2700	1276	Salt & Anhydrite
2700	2760	60	Gypsum, Salt & Anhydrite shells
2760	2820	60	Salt & Anhydrite
2820	3000	180	Anhydrite
3000	3610	610	Lime
3610	3710	100	Broken Lime
3710	3850	140	Lime
	Total Depth		

FORMATION RECORD—Continued

