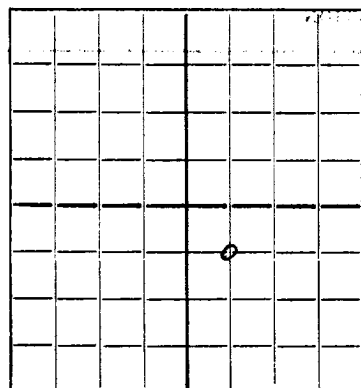


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Empire Oil & Refining Company Laughlin  
Company or Operator Lease  
Well No. 1 in NW 3/4 of Sec. 5, T. 20s  
R. 37e, N. M. P. M., Monument Field, Lea County.  
Well is 3300 feet south of the North line and 1980 feet west of the East line of Sec. 5-20-37  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is D. L. Laughlin, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Empire Oil & Refining Co., Address Bartlesville, Okla.  
Drilling commenced August 31, 19 36. Drilling was completed September 28, 19 36  
Name of drilling contractor Oil Well Drilling Co., Address Dallas, Texas  
Elevation above sea level at top of casing 3570 feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 3830' to 3861' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
<u>12 1/2"</u>	<u>40#</u>	<u>8</u>	<u>L.H.</u>	<u>256</u>				
<u>9 5/8"</u>	<u>26#</u>	<u>8</u>	<u>S.S.</u>	<u>2447</u>	<u>Float</u>			
<u>7"</u>	<u>24#</u>	<u>10</u>	<u>S.S.</u>	<u>3750</u>	<u>Float</u>			
<u>3"</u>	<u>9.3#</u>	<u>10</u>	<u>U.S.</u>	<u>3836</u>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	<u>12 1/2"</u>	<u>256</u>	<u>150</u>	<u>Halliburton</u>		
	<u>9 5/8"</u>	<u>2447</u>	<u>400</u>	<u>Halliburton</u>		
	<u>7"</u>	<u>3750</u>	<u>150</u>	<u>Halliburton</u>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<u>There was no shot or acid treatment on this well</u>						

Results of shooting or chemical treatment \_\_\_\_\_

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from 00' feet to 3861' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable toops were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing September 28, 19 36  
The production of the first 24 hours was 7584 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

G. W. Ballew, Driller Russ Williams, Driller  
H. H. Sutton, Driller \_\_\_\_\_, Driller

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 7 th

day of October, 19 36

L. C. Morgan  
Notary Public

Hobbs, New Mexico October 7, 1936  
Date

Name W. J. Hankins

Position District Clerk

Representing Empire Oil & Refining Co.

Company or Operator.

My Commission expires 6-26-39

Address Hobbs, New Mexico

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
00	55	55	Surface Lime
55	265	210	Red Bed and Red Rock
265	398	133	Red Rock
398	829	431	Red Bed and Red Rock
829	910	81	Red Rock and Shells
910	1005	95	Red Rock and Shale
1005	1095	90	Red Rock and Lime Shells
1095	1111	16	Anhydrite
1111	1172	61	Anhydrite and Gyp
1172	1195	23	Anhydrite
1195	1215	20	Salt
1215	1375	160	Salt and Anhydrite
1375	1625	250	Anhydrite
1625	2295	670	Anhydrite and Salt
2295	2322	27	Anhydrite and Gyp
2322	2447	125	Anhydrite
2447	2507	60	Anhydrite and Gyp
2507	2550	43	Anhydrite
2550	2582	32	Brown Lime
2582	2651	69	Anhydrite Streaks and Brown Lime
2651	2701	50	Brown Lime
2701	2749	48	Lime
2749	2785	36	Lime and Anhydrite
2785	2860	75	Brown Lime
2860	2907	47	Lime
2907	2959	52	Brown Lime and Anhydrite
2959	3137	178	Lime
3137	3237	100	Gray Lime
3237	3294	57	Broken Lime
3294	3361	67	Gray Lime
3361	3379	18	Lime
3379	3462	83	Gray Lime
3462	3484	22	Lime
3484	3800	316	Gray Lime
3800	3861	61	Broken Lime
			<u>Total Depth 3861'</u>