

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

~~Empire Oil & Refining Company~~ Lease  
Company or Operator

Well No. 4 in N 1/4 of Sec. 8, T. 20  
R. 37, N. M. P. M., Monument Field, Ala County.

Well is 660 feet south of the North line and 660 feet west of the East line of 00-0-00-07

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is J. L. Laughlin, Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_

The Lessee is Empire Oil & Refining Company, Address Marionville, Alabama

Drilling commenced December 28, 1936. Drilling was completed February 2, 1937

Name of drilling contractor Oil Well Drilling Company, Address Willis, Texas

Elevation above sea level at top of casing 3557' feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 3850' to 3890' 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
12 1/2"	40	8	L.S.	151				
9 5/8"	36	8	S.S.	2400	Float			
7"	24	10	S.S.	3825	Float			
3" DB	9.3	10	S.S.	3861				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	12 1/2"	151	150	Halliburton		
	9 5/8"	2400	400	Halliburton		
	7"	3825	150	Halliburton		

## 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
There was no shot or chemical treatment						

Results of shooting or chemical treatment: no shot 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 3890 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable toops were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing February 2, 1937

The production of the first 24 hours was 2664 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 \_\_\_\_\_

Back pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

J. L. Laughlin, Driller Russ Allen, Driller  
J. L. Laughlin, Driller J. L. Laughlin, 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 5 th

Notary Public W. L. Harbison Date February 6, 1937  
Name \_\_\_\_\_

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
33	97	64	Surf. line
97	154	57	Red sand
154	784	630	Red sand, & Red rock
784	859	75	Shells
859	941	82	Shells, & Red rock
941	1036	95	Red rock, & Lime shells
1036	1110	74	Shells, & Red rock
1110	1144	34	Anhydrite
1144	1184	40	Anhydrite, & type
1184	1208	24	Anhydrite
1208	1260	52	Salt, & Anhydrite
1260	1323	63	Salt
1323	2320	997	Salt, & Anhydrite
2320	2348	28	Salt
2348	2355	7	Anhydrite, & type
2355	2408	53	Anhydrite
2408	2545	137	Anhydrite, & type
2545	2590	45	Anhydrite
2590	2634	44	Lime
2634	2684	50	Gray lime (See at 2675')
2684	3539	855	Lime
3539	3547	8	Hard lime
3547	3840	293	Lime (Oil at 3835' to 3840')
3840	3878	38	Lime (Oil showing)
3878	3890	12	Lime
			<u>Total depth 3890'</u>