FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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 Co. [illegible]
Company or Operator — Lease

Well No. 3 in [illegible] of Sec. 5, T. 20

R. 37, N. M. P. M., [illegible] Field, [illegible] County.

Well is 1980 feet south of the North line and 660 feet west of the East line of [illegible] 5-20-37

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

If patented land the owner is [illegible], Address ______

If Government land the permittee is ______, Address ______

The Lessee is Empire Oil & Refining Co., Address Bartlesville, Okla.

Drilling commenced November [illegible], 1936. Drilling was completed December [illegible], 1936

Name of drilling contractor [illegible] Drilling Co., Address [illegible]

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 3835' to 3895'   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	PERFORATED TO	PURPOSE
[illegible]	40	8	L.W.	140					
[illegible] 5/8"	36	8	S.S	2295	Float				
7"	[illegible]	10	S.S	3820	Float				
3" [illegible]	7.3	10	S.S	3880					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	[illegible]	140	150	Halliburton		
	[illegible] 5/8"	2295	400	Halliburton		
	7"	3820	250	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
		[illegible]		[illegible]		
There was no shot or acid treatment						

Results of shooting or chemical treatment [illegible] treatment, this well produced at the rate of [illegible] barrels per day with [illegible] million gas.

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 3895 feet, and from ______ feet to ______ feet

Cable toops were used from ______ feet to ______ feet, and from ______ feet to ______ feet

PRODUCTION

Put to producing December 20, 1936

The production of the first 24 hours was 2856 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

James T. [illegible], Driller   [illegible], Driller

[illegible] 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 22nd day of December, 1936

L. W. Jernigan
Notary Public

My Commission expires [illegible]

Hobbs, New Mexico   December 22, 1936
Place   Date

Name W. F. Hankins

Position District Clerk

Representing Empire Oil & Refining Co.
Company or Operator.

Address Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	97	97	Surface Lime
97	300	203	Red Rock
300	555	255	Red Rock and Sandie
555	775	220	Red Bed and Lime Shells
775	1020	245	Red Bed and Red Rock
1020	1205	185	Red Rock and Salt
1205	1152	47	Anhydrite and Gyp
1152	1193	41	Anhydrite
1193	1750	556	Salt and Anhydrite
1750	1832	82	Anhydrite
1832	1930	100	Salt and Potash
1930	1979	79	Salt and Anhydrite
1979	1985	6	Anhydrite
1985	2349	365	Salt and Anhydrite
2340	2667	327	Anhydrite
2667	2725	58	Brown Lime
2725	2892	167	Lime
2892	2939	47	Lime and Anhydrite
2939	3039	100	Lime
3039	3076	37	Anhydrite and Lime
3076	3166	90	Lime
3166	3201	35	Anhydrite and Lime
3201	3470	269	Lime
3470	3487	17	Hard Lime
3487	3683	196	Lime
3683	3689	6	Hard Lime
3689	3695	6	Lime Total Depth 3695'