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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

Emperor Oil Co. 1810 Electric Bldg. Fort Worth Texas
Well No. 1 in S.W. of S.W. 8, T. 21
State Lease 1 N. M. P. M. Field, County.
Well 3960 feet south of the North line and 3960 feet west of the East line of Section 5
If State land the oil and gas lease is No. 3960 Assignment No.
If patented land the owner is Address
If Government land the permittee is Empire Gas & Fuel Oil Co. Address Bartlesville, Okla.
The Lessee is Emperor Oil Company Address Fort Worth, Texas
Drilling commenced July 9 1936 Drilling was completed November 7 1936
Name of drilling contractor Company tools Address
Elevation above sea level at top of casing 3032 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3796 to 3805 No. 4, from to
No. 2, from 3848 to 3850 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 85 to 90 feet. 50 feet
No. 2, from 385 to 400 feet. 250 "
No. 3, from 3850 to 3952 (sulphur water) feet. 3000 "
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
15 1/2"	70#	8	Y	410	National			
8-5/8"	32#	8	Y	1690	"			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	1690	100	Haliburton	10	30 ton

PLUGS AND ADAPTERS

Heaving plug—Material Lead plug And Cemented Length 4 feet Depth Set 3848
Adapters—Material Wooden plug And Cemented Size 8-5/8" - 3' long in top of 8-5/8" 1450

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

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 410 feet to 1690 feet, and from feet to feet
Cable tools were used from 1690 feet to 3852 feet, and from feet to feet

PRODUCTION

Put to producing, 19
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % 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

M. H. Moore, Driller F. Holt, Driller
Bob Willis, 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 16 Kermit, Texas Nov. 16, 1936
Place Date

FORMATION RECORD

301-3 27001

FROM	TO	THICKNESS IN FEET	FORMATION
0	7	7	Soil
7	85	78	Sand
85	135	50	Red Bed
135	375	140	Red Rock
375	385	10	Blue Shale
385	400	15	Water sand
400	468	68	Red Rock
468	472	4	Anhydride
472	657	185	Red rock
657	813	156	Red rock and Shale
813	858	45	Red rock and Shells
858	870	12	Hard sand and Shale
870	925	55	Red rock and hard sand
925	975	50	Shale and Anhydride shells
975	1028	53	Red rock
1028	1055	27	Red rock and sand
1055	1146	91	Red rock
1146	1236	90	Red rock and hard sand
1236	1355	19	Red rock and shells
1355	1422	67	Red rock and hard sand
1422	1535	113	Red rock
1535	1571	36	Hard sand
1571	1690	19	Red rock
1690	1725	35	Anhydride
1725	1750	25	Anhydride and salt
1750	1765	15	Gray sandy shale
1765	1870	105	Anhydride and Salt
1870	1885	15	Salt
1885	1935	50	Anhydride and Salt
1935	1940	5	Red rock
1940	2000	60	Anhydride and Salt
2000	2025	25	Red Bed
2025	2115	90	Salt
2115	2170	55	Anhydride and Salt
2170	2205	35	Red rock
2205	2290	85	Anhydride and Salt
2290	2305	15	Red rock
2305	2710	405	Salt and Potash
2710	2720	10	Red rock and Anhydride
2720	2760	40	Salt and Potash - <u>air pocket</u>
2760	3270	510	Salt, potash and Anhydride
3270	3410	140	Anhydride and Lime
3410	3435	25	Lime
3435	3580	145	Lime and Anhydride
3580	3645	65	Lime and Anhydride
3645	3725	80	Lime
3725	3760	35	Sand and Lime
3760	3796	36	Lime, hard
3796	3805	9	Lime and sand-show of oil
3805	3816	11	Lime, hard
3816	3848	32	Lime, brown
3848	3850	2	Sand
3850	3852	2	Sand- XXXXXXXX sulphur water