

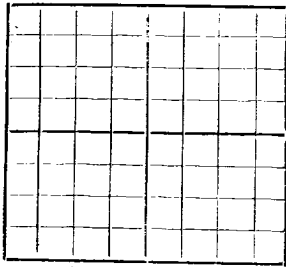
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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.



Company Empire Petroleum Co. Address San Antonio, Tex.
Send correspondence to J. L. Lodie Address Box 1, Hobbs, N. Mex.
Well No. 2 in 1/4 of Sec. 2, T. 29
R. 58, N. M. P. M. 10 S Oil Field 00 County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is John Ordie Address _____
The lessee is _____ Address _____
If not state or patented land, give status _____
Drilling commenced 12.6 19 30 Drilling was completed 2.22 19 30
Name of drilling contractor Wirth-Donald & McMillan Address Leutera, Texas
Elevation above sea level at top of casing 3665 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 385 to 385 No. 4, from _____ to _____
No. 2, from 4121 to 4210 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>1 1/2</u>	<u>50</u>	<u>8</u>		<u>245</u>	<u>Box.</u>	<u>10ft in</u>			
<u>2 1/2</u>	<u>40</u>	<u>8</u>		<u>2752</u>					
<u>7 1/2</u>	<u>20</u>	<u>10</u>		<u>4020</u>	<u>Flat</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2</u>	<u>243</u>	<u>300</u>	<u>Halliburton</u>		
<u>1 1/2</u>	<u>1800</u>	<u>500</u>			
<u>7 1/2</u>	<u>4020</u>	<u>300</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 0 feet to 4210 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 2.22, 1930, 19 _____
The production of the first 24 hours was 3712 barrels of fluid of which 100 % 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. _____

EMPLOYES

J. L. Lodie, Driller _____, Driller
W. J. McDonald, 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 3 Name _____
day of Oct, 1930 Position Asst. St. Geologist

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	75	75	loess and sand
75	245	170	Red bed and sand
245	1240	995	Red bed, sand, gravel
1240	1475	235	Red bed and shale
1475	1514	41	lime rock
1514	1592	78	anhydrite
1592	1603	11	shale, shells
1603	1614	11	anhydrite
1614	2680	1016	lime and anhydrite
2680	2729	49	anhydrite
2729	2752	23	anhydrite & lime
2752	3165	413	anhydrite & lime
3165	3233	68	lime; show gas 3180
3233	3233	0	" " and anhydrite
3233	3250	17	lime and anhydrite
3250	3405	155	broken lime and sand
3405	3446	41	lime and anhydrite
3446	3880	434	lime and lime
3880	4066	186	lime; show gas 4066
4066	4121	55	sand and lime
4121	4200	79	lime
4200	4210	10	sand and lime