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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company The Midwest Refining Company Address Casper, Wyoming.
Send correspondence to Midwest Refining Co. Address Hobbs, N. Mex.
State Well No. 4 in SE 1/4 of Sec. 4, T. 19 S,
R. 38 E, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. 2056 Assignment No. _____
If patented land the owner is _____ Address _____
The lessee is _____ Address _____
If not state or patented land, give status _____
Drilling commenced July 22, 19 30 Drilling was completed Sept. 12, 19 30
Name of drilling contractor Eastland Oil Company Address Hobbs, N. Mex.
Elevation above sea level at top of casing _____ feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from G 2868 to 2885 No. 4, from G 3642 to 3668
No. 2, from G&O 3170 to 3190 No. 5, from O 4015 to 4025
No. 3, from _____ to _____ No. 6, from O 4040 to 4190

IMPORTANT WATER SANDS

No. 1, from 55 to 181 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>16"</u>	<u>70</u>	<u>8</u>	<u>YGT</u>	<u>140'</u>					<u>Water shutoff</u>
<u>10 1/2"</u>	<u>45</u>	<u>8</u>	<u>Std</u>	<u>2745'</u>	<u>Plain</u>				<u>Protect salt</u>
<u>8-5/8"</u>	<u>36</u>	<u>10</u>	<u>"</u>	<u>3976'</u>	<u>C Float</u>				<u>Oil string</u>

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>16"</u>	<u>140'</u>	<u>75</u>	<u>Halliburton</u>		
<u>10 1/2"</u>	<u>2745'</u>	<u>350</u>	<u>"</u>		
<u>8-5/8"</u>	<u>3976'</u>	<u>135</u>	<u>"</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 140 feet to 4190 feet, and from _____ feet to _____ feet
Cable tools were used from 140 feet to 140 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Sept. 12, 19 30
The production of the first 24 hours was 100 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, Be 21
If gas well, cu. ft. per 24 hours 3000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Eastland Oil Company, Driller John Martin, Driller
_____, 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 18 Name John Martin
day of Sept, 19 30 Position Driller
J. E. Cherry Representing Eastland Oil Company
Notary Public Company or Operator
My commission expires July 18-1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	55	55	Calache
55	131	76	Sand
131	132	1	Lime
132	140	8	Brown Shale
140	155	15	Sand
155	240	85	Red beds
240	655	415	Sand, red beds and shells
655	975	320	Red beds
975	1151	176	Sand and red beds
1151	1290	49	Red rock
1290	1211	11	Hard sand rock
1211	1270	59	Hard sand rock and red rock
1270	1390	120	Red rock
1390	1400	10	Sand
1400	1450	50	Red rock
1450	1532	82	Anhydrite
1532	1550	18	Anhydrite and sandy red rock
1550	1625	75	Broken anhydrite and red rock
1625	2552	927	Salt and anhydrite
2552	2564	12	Salt
2564	2605	41	Broken anhydrite
2605	2689	84	Anhydrite
2689	2726	37	Red beds and anhydrite
2726	2793	67	Anhydrite
2793	2800	7	Red rock
2800	2820	20	Anhydrite
2820	2830	10	Lime
2830	2860	30	Anhydrite and lime
2860	2865	5	Anhydrite
2865	2885	20	Brown lime (gas at 2868)
2885	2960	75	Anhydrite
2960	3060	100	Broken anhydrite and red rock
3060	3170	110	Broken anhydrite
3170	3190	20	Broken sand showing oil and gas
3190	3245	55	Anhydrite and lime
3245	3358	113	Anhydrite
3358	3435	77	Anhydrite and red rock
3435	3500	65	Anhydrite
3500	3525	25	Sand
3525	3553	28	Broken anhydrite and red rock
3553	3642	89	Anhydrite
3642	3668	26	Broken sand showing gas
3668	3708	40	Anhydrite and lime
3708	3716	8	Salt
3716	3779	63	Anhydrite
3779	3945	166	Lime and anhydrite
3945	4015	70	Lime
4015	4025	10	Sand show of oil
4025	4034	9	Lime
4034	4040	6	Broken sand, oil
4040	4190	150	Oil sand and lime shells