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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 fol-
lowing it with (?). Submit in duplicate.

Company The Midwest Refining Company Address Casper, Wyoming.
Send correspondence to Midwest Refg., Co., Address Hobbs, New Mexico.
McKinley Well No. 1 in N-1 of Sec. 5, T. 19,
R. 38, N. M. P. M., Hobbs Oil Field Lea County.
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is H.D. McKinley, Address Hobbs, New Mexico.
The lessee is The Midwest Refining Company Address Casper, Wyoming.
If not state or patented land, give status _____
Drilling commenced Sept., 4, 19 30 Drilling was completed October 20, 19 30
Name of drilling contractor Olsen Drilling Co Address Tulsa, Okla.
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 2300 to 2810 No. 4, from 0 4075 to 4190
No. 2, from 0 3210 to 3216 No. 5, from _____ to _____
No. 3, from G 3685 to 3699 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 59 to 130 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>Hat1</u>	<u>162'0"</u>	<u>Plain</u>				
<u>10-1/2"</u>	<u>45 1/2</u>	<u>8</u>	<u>Std</u>	<u>2749'7"</u>	<u>C-Float</u>				
<u>6-5/8"</u>	<u>36</u>	<u>10</u>	<u>Ygstrn</u>	<u>3920'0"</u>	<u>C-Float</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>16"</u>	<u>162'0"</u>	<u>Fifty-five</u>	<u>Halliburton</u>		
<u>10-1/2"</u>	<u>2749'0"</u>	<u>Three hundred</u>	<u>Halliburton</u>		
<u>6-5/8"</u>	<u>3920'0"</u>	<u>One hundred fifty</u>	<u>Halliburton</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 surface feet to 4190 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing October 20, 19 30
The production of the first 24 hours was 9,526 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, Be. 35.5
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYES

Olsen Drilling Company, Driller Contractors, 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 3 Name Jane Sastine
day of Nov., 19 30 Position Field Superintendent

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	38	38	Surface rock
38	48	10	Shale shells
48	59	14	Lime
59	130	71	Red rock and sand
130	247	137	Red beds
247	717	450	Red beds and sand
717	927	210	Red beds and sandy shells
927	1208	270	Red beds and shells
1208	1236	30	Hard sand
1236	1243	8	Shale
1243	1302	59	Shale shells
1302	1367	65	Red beds and shells
1367	1398	28	Sand and Anhydrite
1398	1422	30	Anhydrite and red beds
1422	1446	24	Anhydrite, red beds and hard sand
1446	1480	34	Anhydrite and red beds
1480	1503	23	Anhydrite and lime
1503	1618	115	Anhydrite and red beds
1618	1725	107	Anhydrite, salt and potash
1725	1815	90	Salt
1815	1975	160	Anhydrite and salt
1975	2110	135	Salt
2110	2250	140	Anhydrite and salt
2250	2390	140	Salt
2390	2445	275	Anhydrite and lime
2445	2695	30	Anhydrite, lime and sticky shale
2695	2727	32	Anhydrite, lime shells and sticky shale
2727	2742	15	Anhydrite, lime and shale
2742	2760	18	Anhydrite and lime shells
2760	2800	40	Anhydrite
2800	2810	10	Sand (gas)
2810	2814	4	Anhydrite
2814	2930	116	Anhydrite and sand
2930	3045	115	Anhydrite and sand lime
3045	3210	165	Anhydrite and sand
3210	3216	6	Anhydrite and sand (showing oil)
3216	3660	446	Anhydrite and lime
3660	3683	23	Lime
3683	3695	12	Lime and sand (Gas)
3695	3699	4	Sand (Gas)
3699	3794	95	Anhydrite and lime
3794	3890	95	Lime hard
3890	3950	60	Lime and sand
3950	4190	240	Lime and sand

(Perforation test 9526.)