

Duplicate

Form SG 108

N.

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 Denver, Colorado.
Send correspondence to 60 Address Hobbs, N. M.
State Well No. 86 in SE-1/4 of Sec. 9, T. 19 S,
R. 20 E, N. M. P. M., Hobbs Oil Field Leon County.
If State land the oil and gas lease is No. A-1012 Assignment No. _____
If patented land the owner is _____, Address _____
The lessee is The Midwest Refining Company, Address Hobbs, New Mexico
If not state or patented land, give status _____
Drilling commenced May 28th 19 33. Drilling was completed July 14th 19 33
Name of drilling contractor P. J. Sims, Address Hobbs, New Mexico
Elevation above sea level at top of casing 2824.2 feet.
The information given is to be kept confidential until _____ 19 ____.

OIL SANDS OR ZONES

No. 1, from Gas 2820 to 2840 No. 4, from Gas 4080 to 4100
No. 2, from Gas 2820 to _____ No. 5, from _____ to _____
No. 3, from Oil 2820 to 2820 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 & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>10"</u>	<u>70</u>	<u>8</u>	<u>S.J.</u>	<u>210'</u>	<u>none</u>				<u>Water shut-off</u> <u>protect salt</u> <u>oil string</u>
<u>10 5/8"</u>	<u>45.5</u>	<u>8</u>	<u>Metl</u>	<u>1500'</u>	<u>plain</u>				
<u>8 5/8"</u>	<u>35</u>	<u>8</u>	<u>Metl</u>	<u>4000'</u>	<u>flange</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10"</u>	<u>210</u>	<u>245</u>	<u>Ballistone</u>		
<u>10 5/8"</u>	<u>1500</u>	<u>75</u>	<u>do</u>		
<u>8 5/8"</u>	<u>4000</u>	<u>150</u>	<u>do</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 4100 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing July 14th 19 33.
The production of the first 24 hours was 422 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, Be 54.0
If gas well, cu. ft. per 24 hours 500,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Rate of flow on 6 hour official test 7-14-33

EMPLOYES

C. E. Johnson, Driller Coel Watson, 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 10th Name C. E. Johnson
day of July, 19 33 Position District Superintendent
_____, Notary Public. Representing The Midwest Refining Company
_____, Company or Operator.

My commission expires Oct 17th 1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	caliche
30	3737	7	hard shell
37	100	105	water sand and shells
100	1300	1300	red beds and shells
1300	1400	100	anhydrite (top anhydrite 1300')
1400	1405	15	red rock
1405	2025	1025	salt and anhydrite (salt section)
2025	2705	115	red rock and anhydrite
2705	2800	65	anhydrite
2800	2840	30	brown line & anhydrite (top brown line 2800') (show gas 2800 2840)
2840	3115	175	anhydrite
3115	3225	107	anhydrite and sandy line (show oil and gas 3225)
3225	3400	177	anhydrite
3400	3425	25	anhydrite and sticky gyp
3425	3502	47	anhydrite
3502	3510	8	hard line (oil showing)
3510	3575	100	broken anhydrite and line
3575	3705	104	anhydrite
3705	3804	41	anhydrite and brown line shells
3804	3825	101	line
3825	3905	30	line and line shale blocks
3905	4004	40	broken line
4004	4100	104	line (top white line 4000')
4100	4115	8	hard line
4115	4200	30	soft line
4140	4155	9	hard line
4155	4185	30	line
4185	4190	4	soft line
4190	4190	1	hard line (total Depth 4190)

Two copies of well record received by

T. C. D. [Signature]
State Oil & Gas Inspector
July 16 1928