

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 do Address Hobbs, New Mexico.
E. H. & M. Byars Well No. 8 in NW 1/4 of Sec. 3, 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. _____ Assignment No. _____
If patented land the owner is B. H. & L. B. Turner Address Hobbs, New Mex.
The lessee is The Midwest Refining Company Address Denver, Colorado
If not state or patented land, give status _____
Drilling commenced January 16th 19 33 Drilling was completed February 28th 19 33
Name of drilling contractor Olsen Drilling Company Address Tulsa, Oklahoma
Elevation above sea level at derrick floor 3419.4 feet.
The information given is to be kept confidential until _____ 19 _____.

OIL SANDS OR ZONES

No. 1, from Gas 2870 to 2875 No. 4, from _____ to _____
No. 2, from Oil 3193 to 3200 No. 5, from _____ to _____
No. 3, from Oil 4015 to 4178 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 65' 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>16"</u>	<u>70</u>	<u>8</u>	<u>SH</u>	<u>203'</u>	<u>none</u>				<u>water shut-off</u>
<u>10-5-4</u>	<u>45.5</u>	<u>8</u>	<u>Natl</u>	<u>2792</u>	<u>float</u>				<u>prevent salt</u>
<u>8-5-8</u>	<u>38</u>	<u>8</u>	<u>"</u>	<u>3964'</u>	<u>float</u>				<u>oil string</u>

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>16"</u>	<u>203'</u>	<u>125</u>	<u>Halliburton</u>		
<u>10-5-4"</u>	<u>2792</u>	<u>400</u>	<u>do</u>		
<u>8-5-8"</u>	<u>3964'</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 4178 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing March 1st, 19 33.
The production of the first 24 hours was 2,205 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 35.0
If gas well, cu. ft. per 24 hours 2,024,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Rate of flow on one hour official test

EMPLOYEES

Paul Speake, Driller R. J. Olson, 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. Scott
day of March, 19 33 Position District Superintendent
_____, Notary Public. _____, Company or Operator.
My commission expires October 17th 1934

Duplicate
Rec'd and Fwd.
3-12-33
T. A. Stanchin
State Oil & Gas Inspector

See letter attached

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	65	65	Caliche, sand and shells
65	165	100	sand and shells (water sand 65')
165	207	42	red beds
207	1350	1143	red beds and shells
1350	1379	29	lime
1379	1491	112	red beds and lime
1491	1568	77	lime shells and shale
1568	1578	10	hard red shale
1578	1602	24	anhydrite and lime
1602	1650	48	lime and shale
1650	1750	100	anhydrite, shells and shale (top anhydrite 1650)
1750	1787	37	potash and stick shale (top salt 1750)
1787	1895	108	potash and red shale
1895	2317	422	salt, potash and shells
2317	2635	318	anhydrite shells, potash and salt (base salt 2635)
2635	2699	64	anhydrite and red beds
2699	2734	35	anhydrite
2734	2775	41	anhydrite and red beds
2775	2793	18	anhydrite
2793	2820	27	anhydrite and red beds
2820	2843	23	lime (samples show top brown lime 2830)
2843	2870	27	brown lime and anhydrite
2870	2875	5	gas sand
2875	3044	169	anhydrite
3044	3193	149	anhydrite and lime
3193	3200	7	oil sand
3200	3271	71	anhydrite and lime
3271	3311	40	lime
3311	3348	37	anhydrite and red shale
3348	3718	370	anhydrite
3718	3740	22	sand and lime shells
3740	3748	8	anhydrite
3748	3790	42	anhydrite and lime
3790	3818	28	lime and white gyp
3818	3944	126	anhydrite and lime
3944	4081	77	lime (top white lime 4015)
4081	4083	12	lime, hard
4083	4058	25	lime, soft
4058	4065	7	lime, hard
4065	4085	20	lime, soft
4085	4155	70	hard and soft lime
4155	4178	23	soft lime

Approved

T. O. Hensley
 State Oil & Gas Inspector
 March 12 1938