



DEPARTMENT OF THE STATE GEOLOGIST

NEW MEXICO SCHOOL OF MINES
Socorro, New Mexico

WELL RECORD

Mail to State Geologist, Socorro, 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 The Midwest Refining Co. Address Hobbs, New Mexico
State Well No. I in NW¹₄ of Sec. 15, T. 19S,
R. 38E, 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 The Midwest Refining Company, Address Casper, Wyoming
If not state or patented land, give status
Drilling commenced May 2, 19 30 Drilling was completed July 3, 19 30
Name of drilling contractor Olson Drilling Company, Address Pulsa, Oklahoma
Elevation above sea level at top of casing 3588.4 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from G 2880 to No. 4, from O 4075 to 4095
No. 2, from G 2945 to No. 5, from O 4135 to 4143
No. 3, from G 3270 to 3275 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 60 to 117 No. 3, from to
No. 2, from 3225 to 3240 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>YGST</u>	<u>117'</u>	<u>Plain</u>				<u>Water shut-off</u>
<u>10³/₄"</u>	<u>45.5#</u>	<u>8</u>	<u>St'd.</u>	<u>1633'</u>	<u>"</u>				<u>Protect salt</u>
<u>8 5/8"</u>	<u>36#</u>	<u>10</u>	<u>"</u>	<u>4000'</u>	<u>"</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>117'</u>	<u>Seventy five</u>	<u>Halliburton</u>		
<u>10³/₄"</u>	<u>1633'</u>	<u>Seventy five</u>	<u>"</u>		
<u>8 5/8"</u>	<u>4000'</u>	<u>Seventy five</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 117 feet to 1633 feet, and from feet to feet
Cable tools were used from Surface feet to 117 feet, and from 1633 feet to 4143 feet

PRODUCTION

Put to producing July 3, 19 30
The production for the first 24 hours was 6432 barrels of fluid of which 100 % was oil; %
emulsion; % water; and % sediment. Gravity, Be. 35.5
If gas well, cu. ft. per 24 hours 5,000,000 Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYES

Olson 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 17
day of July, 19 30
Marion Hawks
Notary Public
My commission expires June 9, 1934

Name Tam Sartin
Position Field Supt.
Representing The Midwest Refining Company
Company or Operator

Current Bond Log 12/29/80

FORMATION RECORD

From	to	Thickness in Feet	Formation
0	60	60	Gypsum and sand
60	117	57	Sand
117	380	263	Red beds and red rock
380	390	10	Shells
390	425	35	Red beds
425	457	32	Red beds and shells
457	960	503	Red beds
960	1000	40	Red beds and shells
1000	1265	265	Red beds
1265	1285	20	Lime shells and streaks of anhydrite
1285	1323	38	Red rock and shells
1323	1395	72	Sand, red rock and shells of anhydrite
1395	1440	45	Red beds
1440	1490	50	Broken sand
1490	1544	54	Red beds and blue shale
1544	1587	43	Red beds and lime shells
1587	1663	76	Anhydrite
1663	1672	9	Red rock
1672	1675	3	Lime
1675	1735	60	Anhydrite, red rock and salt
1735	1880	145	Red rock and salt
1880	2095	215	Anhydrite and salt
2095	2110	15	Salt
2110	2125	15	Anhydrite and lime
2125	2170	45	Salt
2170	2540	370	Salt and anhydrite
2540	2660	120	Anhydrite and red rock
2660	2705	45	Anhydrite
2705	2740	35	Lime
2740	2745	5	Shale
2745	2890	135	Anhydrite and red rock
2890	2905	25	Lime
2905	2930	25	Anhydrite and lime
2930	3210	280	Lime
3210	3240	30	Red sand
3240	3260	20	Lime
3260	3290	30	Shale and lime
3290	4143	853	Lime