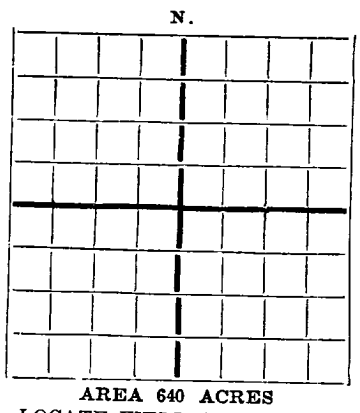
Duplicate

Rec'd and Fwd. 4-10-32 T. A. Stancliff State Oil & Gas Inspector

Form SG 108



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Company The Midwest Refining Company Address Denver, Colorado

Send correspondence to do Address Hobbs, New Mexico

State Well No. 29 in SW/4 of Sec. 10, T. 19S,

R. 38E, N. M. P. M., Hobbs Oil Field Lea County.

If State land the oil and gas lease is No. A-1212 Assignment No.

If patented land the owner is, Address

The lessee is The Midwest Refining Company, Address Denver, Colorado

If not state or patented land, give status

Drilling commenced March 15, 1932. Drilling was completed April 29, 1932

Name of drilling contractor Olson Drilling Company, Address Tulsa, Oklahoma

Elevation above sea level at ~~top of casing~~ derrick floor 3599 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from G 2893 to No. 4, from to

No. 2, from G 4035 to 4040 No. 5, from to

No. 3, from O&G 4095 to 4180 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 FROM	PERFORATED TO	PURPOSE
16"	70	8	Used	128'8"	None				Water Shut-off
10¾"	45.5	8	Used	1617'0"	Plain				Protect salt
8 5/8"	36	8	"	4033'6"	Float				Oil String

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	128'8"	95 Recemented 75	Halliburton		
10¾"	1617'0"	200	"		
8 5/8"	4033'6"	150	"		

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 4180 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 1, 1932.

The production of the first 24 hours was 886 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 34.5

If gas well, cu. ft. per 24 hours 514,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Rate of flow on six hour official test 4/29/32

EMPLOYES

R. J. Olson, Driller Paul Speake, 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 9th day of May, 1932

Notary Public.

My commission expires Oct. 17, 1934

Name C. Edson,

Position District Superintendent

Representing The Midwest Refining Company

Company or Operator.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Surface and caleche
40	41	1	Hard shell
41	98	57	Sand and hard shells
98	1333	1235	Red beds and shells
1333	1401	68	Blue and red shale shells
1401	1568	167	Red beds and shells
1568	1584	16	Anhydrite and red shale (Top anhydrite 1568')
1584	1655	71	Anhydrite
1655	1680	25	Red shale
1680	1725	45	Anhydrite
1725	1788	63	Salt and red shale (Top salt 1725')
1788	2653	865	Salt, potash and anhydrite
2653	2740	87	Hard salt
2740	2865	125	Anhydrite and salt
2865	2890	25	Anhydrite
2890	2937	47	Brown lime and anhydrite (Top brown lime 2890')
2937	3050	113	Anhydrite and lime
3050	3103	53	Anhydrite
3103	3241	138	Lime and anhydrite
3241	3296	55	Anhydrite
3296	3816	520	Anhydrite and lime
3816	4019	203	Lime
4019	4044	25	Sandy lime
4044	4108	64	Lime (Top white lime 4095')
4108	4170	62	Soft lime
4170	4100	10	Lime

Approved T. A. Hawley
State Oil & Gas Inspector
May 10 1932