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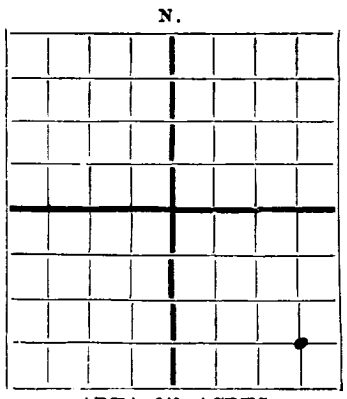
Rec'd and Fwd. Dec 22-31
T. A. Standcliff
State Oil & Gas Inspector

Form SC 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 P.O. Box 1240 - Denver, Colorado

Send correspondence to do Address P.O. Box 767 - Hobbs, New Mexico

State Well No. 26 in SE.SE. of Sec. 33, T. 18S,

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 October 7, 1931. Drilling was completed December 14, 1931

Name of drilling contractor P. J. Sines, Address Hobbs, New Mexico

Elevation above sea level at ~~Kelly Bushing~~ Derrick floor 3630.6 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from G 2810 to No. 4, from G 3952 to

No. 2, from O&G 3186 to 3192 No. 5, from O&G 3995 to 4165

No. 3, from G 3711 to 3715 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 50 to 120 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	Nat'l	209'0"	None				Water shut-off
10¾"	45.5	8	"	2752'0"	Float				Protect salt
8 5/8"	36	8 & 10	"	3946'0"	Float				Oil string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	209'0"	125	Halliburton		
10¾"	2752'0"	400	"		
8 5/8"	3946'0"	240	"		

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 110 feet to 4165 feet, and from feet to feet

Cable tools were used from 0 feet to 110 feet, and from feet to feet

PRODUCTION

Put to producing December 16, 1931.

The production of the first 24 hours was 2365 barrels of fluid of which 100% was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 35.5

If gas well, cu. ft. per 24 hours 2,032,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. Rate of flow thru 3" tubing on one hour official proration test.

EMPLOYES

O. R. Johnson, Driller E. S. Tucker, Driller

P. J. Sines, 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 23rd day of December, 1931

Name C E Scott

Position District Superintendent

Representing The Midwest Refining Company

Notary Public.

Company or Operator.

My commission expires October 17, 1934

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caleche
50	120	70	Water sand
120	209	89	Sand, loose rock and hard shells
209	260	51	Red rock
260	1295	1035	Red rock and shells
1295	1305	10	Sandy lime
1305	1325	20	Sandy limexand broken red rock
1325	1340	15	Hard sand rock
1340	1570	230	Broken red rock, shells and sand
1570	1649	79	Anhydrite (Top of anhydrite 1570')
1649	1667	18	Anhydrite and broken red rock
1667	1669	2	Hard lime shell
1669	1700	31	Anhydrite and broken red rock
1700	1760	60	Salt and anhydrite shells (Top of salt 1700')
1760	1790	30	Anhydrite and sticky gypsum
1790	1910	120	Anhydrite and broken red rock
1910	2590	680	Salt, red rock and broken anhydrite
2590	2625	35	Anhydrite, potash and salt
2625	2805	180	Anhydrite and red rock (First gas 2810')
2805	2820	15	Brown lime
2820	2890	70	Anhydrite and brown lime
2890	2998	108	Anhydrite and red rock
2998	3160	162	Anhydrite and shale
3160	3180	20	Hard anhydrite
3180	3192	12	Brown sand (Oil and gas from 3186' to 3192')
3192	3379	187	Anhydrite and lime
3379	3468	89	Anhydrite and shale
3468	3490	22	Hard anhydrite and lime
3490	3499	9	Hard sand and broken anhydrite (Returns showed increase in oil and gas. Probably due to decrease in mud weight)
3499	3575	76	Anhydrite
3575	3665	90	Broken lime and anhydrite
3665	3680	15	Anhydrite
3680	3711	31	Anhydrite and brown lime
3711	3715	4	Soft sand (Big gas)
3715	3721	6	Lime
3721	3760	39	Lime and broken anhydrite
3760	3929	169	Lime
3929	3933	4	Hard sand
3933	3946	13	Lime
3946	3952	6	Sand (Estimated 2,000,000 Cu. Ft. gas at 3952')
3952	3995	43	Sand and lime
3995	4010	15	Lime (Top of white lime 3995')
4010	4034	24	Soft lime or oil sand
4034	4055	21	Medium soft lime
4055	4057	2	Broken hard lime
4057	4109	52	Broken sand and lime
4109	4147	38	Soft lime
4147	4165	18	Hard lime

APPROVED: T. A. Blakeley
State Oil & Gas Inspector
Dec. 26 1931