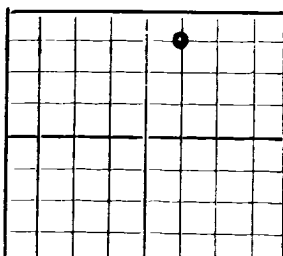


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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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 240 - Denver, Colorado.
Send correspondence to do Address P. O. Box 67 Hobbs N. M.
E. H. & M. Byers Well No. 8 in NE 1/4 of Sec. 4 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 E. H. & M. Byers Address Hobbs, N. M.
The lessee is The Midwest Refining Company Address Hobbs, N. M.
If not state or patented land, give status. _____
Drilling commenced Oct. 29th 19 31 Drilling was completed Dec. 29th 19 31
Name of drilling contractor Olson Drilling Company Address Tulsa, Okla
Elevation above sea level at derrick floor 3626.2 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from G 2800 to _____ No. 4, from O&G 3989 to 4175
No. 2, from O&G 3175 to 3180 No. 5, from _____ to _____
No. 3, from G 3702 to 3707 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 55 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 AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
16"	70	8	S.H.	207'0"	None				Water shut off
10-3-4	45.5	8	Natl	2740'6"	float				Protect salt
8-5-8	36	8	*	3950'0"	float				Oil string

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
16	207'0"	125	Halliburton		
10-3-4	2740'6"	400	do		
8-5-8	3950'0"	135	do		

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 4175 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Jan. 1st, 19 32.
The production of the first 24 hours was 5,800 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 5,500,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ Rate of flow on one hour official test _____

EMPLOYEES

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 11th Name R. J. Olson
day of January, 19 32 Postion District Superintendent
_____, Notary Public. Representing The Midwest Refining Company
My commission expires Oct 17th 1934 Company or Operator

Rec'd and Fwd'd
1-1-32
State Geologist
Santa Fe, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	caliche
30	55	25	hard sand
55	165	110	sand and shells (water at 55')
165	205	40	red beds and shells
205	209	4	hard shells
209	600	391	red beds and shells
600	720	120	broken lime and red shale
720	900	180	shale and shells
900	991	91	lime and red shale
991	1218	227	red beds and shells
1218	1227	9	hard sand
1227	1390	163	hard shells and shale
1390	1477	87	red and white shale
1477	1507	30	broken lime and shale
1507	1565	58	lime and anhydrite (top anhydrite 1515')
1565	1661	96	anhydrite and red shale
1661	1685	24	red shale
1685	1749	64	salt and potash (top salt 1685')
1749	2492	743	anhydrite shells, potash and salt
2492	2510	18	potash and shale
2510	2570	60	anhydrite and red shale (bottom salt 2570')
2570	2741	171	anhydrite and shale breaks
2741	2785	44	anhydrite
2785	2795	10	red shale break
2795	2813	18	broken lime & anhydrite (show gas 2800')
2813	2840	27	lime and anhydrite
2840	3175	335	anhydrite
3175	3180	5	oil and gas sand
3180	3645	465	anhydrite and lime
3645	3702	57	lime
3702	3707	5	sand (53½ million ft gas)
3707	3710	3	hard lime
3710	3877	167	lime
3877	3883	6	hard lime
3883	3958	75	lime
3958	3978	20	sandy lime
3978	4000	22	hard lime (top white lime 3989')
4000	4038	38	soft lime
4038	4050	12	white lime
4050	4112	62	broken white lime
4112	4145	33	soft lime
4145	4157	12	lime
4157	4175	18	soft lime

Approved: T. A. Hancey
 State Oil & Gas Inspector
 Jan 13th 1932