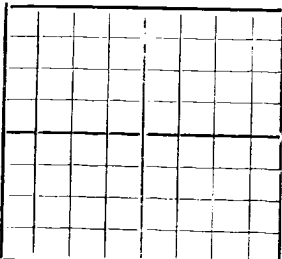


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NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

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 fol-
lowing it with (?). Submit in duplicate.

Company **The Midwest Refining Company** Address **Casper, Wyoming.**
Send correspondence to **Midwest Ref., Co.** Address **Hobbs, New Mexico.**
State **38** Well No. **8** in **NW1** of Sec. **4**, T. **19**
R. **38** 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 30,** 19 **30** Drilling was completed **August 21,** 19 **30**
Name of drilling contractor **Olson Drilling Company** Address **Tulsa, Okla.**
Elevation above sea level at top of casing **3620.** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **G 2790** to **2798** No. 4, from **0 3996** to **4175**
No. 2, from **G 3698** to **3716** No. 5, from _____ to _____
No. 3, from **0 3976** to **3996** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **55** to **68** 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	YGST	251	Plain				
9-5/8"	40	8	St'd	2798	Plain				
6-5/8"	26	10	St'd	3976	C-Float				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
16"	251'	One Hundred thirtyfive	Halliburton		
9-5/8"	2798	Seven hundred	Halliburton		
6-5/8"	3976	Two Hundred	"		

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 **Surface** 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 **August 21,** 19 **30**.
The production of the first 24 hours was **19,852** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, Be **35.5**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Olson drilling Company, Driller **Contractor**, 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 **1** day of **Sept**, 19 **30** Name **Tom Lashier**
Position **Field Superintendent**
Representing **The Midwest Refining Company**
My commission expires **July 18-1937** Notary Public _____ Company or Operator _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Calache
30	38	8	Shells
38	55	17	Sand
55	68	13	Water sand
68	95	27	Sand
95	103	8	Shells
103	120	17	Sand and shells
120	155	35	Sand
155	160	5	Red rock
160	197	37	Red beds
197	251	51	Red rock
251	350	99	Red beds and shells
370	705	335	Red beds
705	850	145	Red beds and shells
850	900	50	Red beds
900	1097	197	Red beds and lime shells
1097	1180	83	Broken lime
1180	1279	99	Sand, shale and lime shells
1279	1348	69	Red beds and shells
1348	1370	22	Lime
1370	1412	42	Lime and anhydrite
1412	1480	68	Lime and anhydrite
1480	1584	104	Shale and streaks of anhydrite
1584	1780	196	Red beds and anhydrite shells
1780	1800	20	Potash and salt
1800	1830	30	Anhydrite and salt
1830	1989	159	Potash and salt
1989	2040	51	Anhydrite and salt
2040	2132	92	Potash and salt
2132	2364	232	Potash, salt and anhydrite
2364	2483	119	Salt air pocket at 2390'
2483	2550	67	Potash, salt and red beds
2550	2560	10	Potash and anhydrite
2560	2716	156	Anhydrite
2716	2724	8	Red beds and anhydrite
2724	2778	54	Anhydrite
2778	2798	20	Brown lime (gas from 2790 to 2798')
2798	2814	16	Anhydrite and brown lime
2814	2848	34	Anhydrite and gray lime
2848	2861	13	Anhydrite, gray and brown lime
2861	2950	89	Anhydrite and gray lime
2950	3033	83	Gray lime and anhydrite shells
3033	3150	113	Gray lime and anhydrite
3150	3164	14	Gray and brown lime, and anhydrite
3164	3169	5	Oil sand
3169	3236	67	Gray lime and anhydrite
3236	3300	64	Blue lime and anhydrite
3300	3375	75	Blue and gray lime and anhydrite
3375	3540	175	Brown lime and anhydrite
3540	3563	23	Gray lime and anhydrite
3563	3615	48	Brown lime and anhydrite
3615	3627	12	Gray lime
3627	3698	71	Gray lime and anhydrite
3698	3716	18	Brown lime (making gas)
3716	3755	39	Anhydrite and gray lime
3755	3833	78	Blue lime and anhydrite
3833	3842	9	Blue and black lime, and anhydrite
3842	3922	80	Brown and blue lime, and anhydrite
3922	3932	10	Sandy brown and blue lime
3932	3969	37	Sand and sandy lime
3969	3976	7	Hard white lime
3976	3992	18	Sandy lime (showing oil)
3992	4012	20	White lime (showing oil)
4012	4026	14	White lime cavity (making oil & gas Est. 10,000 to 15000 Barrels oil)
4026	4175	149	Porus lime (Making oil and gas, proration test 19,852 Barrels oil)