

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OIL CONSERVATION
HOBBES-ORNE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation - Monument, New Mexico

State EC⁶C⁷

Company or Operator

Lease

Well No. 1

in 6/30/4, NE/4

of Sec. 11

T. 12-S

R. 12-E, N. M. P. M., Undesignated Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Sec. 11

If State land the oil and gas lease is No. B-10341 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Amerada Petroleum Corporation Address P.O. Box 2040, Tulsa, (Oklahoma)

Drilling commenced 9/9/51 19 Drilling was completed 12/27/51 19

Name of drilling contractor Brown Drilling Company Address Fair Bldg., Ft. Worth, Texas

Elevation above sea level at top of casing 4348 feet.

The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 11003' to 11240' No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.
No. 2, from to feet.
No. 3, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
13-3/8	36#	S.J.	Weld	280'	Guide			
8-5/8	36#	8-RT	Sals.	3606	Float			
5-1/2	17#	8-RT	Sals.	11152'	Float			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	296	225	Halliburton		
12-1/4	8-5/8	3623	1500	Halliburton		
7-3/8	5-1/2	11170	600	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
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FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Collar
6	300	294	Sand and Caliche
300	1460	1160	Shale and Sand
1460	1520	60	Anhydrite and Shale.
1520	2200	680	Salt, Anhydrite and Shale.
2200	2280	80	Shale and Anhydrite
2280	3570	1290	Shale, Anhydrite, Sand and Salt.
3570	4320	750	Dolomite, and Anhydrite.
4320	4780	460	Limestone
4780	7180	2400	Dolomite, Anhydrite and Sand Stringers
7180	8060	880	Shale, Dolomite and Anhydrite
8060	8210	150	Dolomite and Anhydrite
8210	8320	110	Chert, Dolomite and Anhydrite.
8320	8860	540	Limestone
8860	8965	105	Shale, Sand and Limestone
8965	9100	135	Shale and Limestone
9100	9700	600	Sand, Shale and Limestone
9700	9835	135	Shale and Limestone
9835	10345	510	Sand, Shale and Limestone
10345	10940	595	Shale, Chert, sand and Limestone
10940	10995	55	Sand & Limestone
10995	11240	245	Dolomite
	11240		Total Depth.

SLOPE TESTSGEOLOGICAL DATA

505'	-1/2 deg.
1363	-1/2
2410	1-1/4
3120	1-1/4
3995	-1/2
4150	-3/4
4717	-3/4
5211	-1/2
6050	-1/2
6561	-3/4
6970	1-1/4
7292	1-
7676	1-
8052	1-1/4
8334	-3/4
8619	-3/4
8925	1-1/2
9272	2-1/4
9575	3-
9695	2-1/2
9912	2-1/4
10160	2-1/4
10501	2-1/4
10807	2-1/2
10954	2-1/4
10983	2-1/4

Base Red B ₂ d	1468'
Top Salt	1524
Base Salt	2143
Top Yates	2270
Base Yates	2391
Top Artesia Bed Sand	2951
Top San Andres	3552
Base San Andres	4927
Top Paddeek	5240
Top Clearfork	5741
Top Abo	7178
Top Wolfcamp	8243
Top Pennsylvanian	8460
Top Mississippian	10327
Top Jones Ranch Chert	10387
Top Devonian	10990
Elevation	4361 D.F.

DRILL STEM TESTS

- D.S.T. #1 - 8370' to 8475' - 4 hour Test. - Opened tool with fair blow of air. Gas up in 40 minutes, gas vol. 23,490 cu ft p/d which increased to 61,970 cu ft p/d by end of test. No fluid to surface. Recovered 630' gas cut drlg mud. No show of oil or water.
- D.S.T. #2 - 8623' to 8738' - 3 hour and 5 minute Test - Opened tool with good blow of air. Started losing mud. Closed & re-opened tool with good blow of air. No gas or fluid to surface. Recovered 180' gas cut drlg mud, 1160 salt water.
- D.S.T. #3 - 8760' to 8787' - 1 hour and 30 minute Test. Opened tool with fair blow of air which decreased to weak blow in 25 minutes and died. Closed & re-opened tool with weak blow for 3 minutes and mixer died. No gas or fluid to surface. Recovered 50' slightly gas cut drlg mud, and 50' salt water. No show of oil.
- D.S.T. #4 - 10220' to 10292' - 1 hour and 5 minute Test - Opened tool with fair blow of air for 3 minutes and died. Recovered 8480' of drlg mud. No shows of oil, gas or water.
- D.S.T. #5 - 10220' to 10292' - 4 hour Test. Opened tool with weak blow of air.