

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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 BT"B"

Company or Operator

Lease

Well No. 2 in 0/32/4NW/4 of Sec. 26, T. 12-S

R. 33-E, N. M. P. M., Hightower-Bovening Field, Lea County.

Well is 1900 feet south of the North line and 3300 feet west of the East line of Section 26

If State land the oil and gas lease is No. B-10706 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 9/26/51 19 Drilling was completed 12/8/51 19

Name of drilling contractor Noble Drilling Corporation Address 207 Stanolind Bldg., Tulsa, Okla.

Elevation above sea level at top of casing 4238 feet.

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

## OIL SANDS OR ZONES

No. 1, from 8660 to 9050 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
11-3/4	47#	8-RT	Sals	285'	Guide			
7-5/8	29.70#	8-RT	Sals	3775'	Float			
5-1/2	15.5 #							
	17#	8-RT	Sals	9037	Float		8728'	8768' Production

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15	11-3/4	303	225	Halliburton		
9-7/8	7-5/8	3790	1500	Halliburton		
6-3/4	5-1/2	9050	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
		Dowell 15% L.S.T.	500 Gal	12/16/51	8728'-8768'	

Results of shooting or chemical treatment Flowed 624 bbl oil, 9.22 bbl B.S., 2.64 bbl water in 24 hours on 20/64" Choke. T.P. 650# Gas Vol. 516,000 cu ft per day. GOR 875 Qty 44.5

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from 0' feet to 10,225 feet, and from feet to feet.

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

## PRODUCTION

Put to producing December 16, 1951 19

The production of the first 24 hours was 635.76 barrels of fluid of which 98.15 % was oil; 0 %

emulsion; 42 % water; and 1.43 % sediment. Gravity, Be 44.5

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

Rock pressure, lbs. per sq. in.

## EMPLOYEES

L. E. Barry Driller L. G. Bennett Driller

D. K. Randolph 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 17th

Monument, New Mexico December 17, 1951

Place

Date

day of December 19 51

Name Dr. T. J. J.

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation Company or Operator.

My Commission expires 8/23/55

Address

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6'	6'	Cellar
6	270	264	Sand & Caliche
270	285	15	Red Bed.
285	410	125	Sand and Red Bed.
410	1115	705	Red Bed and Shale.
1115	1500	385	Red Bed.
1500	1690	190	Red Bed and Shells
1690	1865	175	Red Bed
1865	2135	270	Anhydrite and Salt.
2135	2890	255	Salt
2390	2538	148	Salt, streaks, Anhydrite, Sand & Shells
2538	3109	571	Anhydrite and Salt
3109	3200	91	Anhydrite and Gyp
3200	3215	15	Gyp and Sand
3215	3285	70	Anhydrite and Gyp
3285	3729	444	Anhydrite
3729	3775	46	Anhydrite and Lime
3775	3803	28	Anhydrite, Lime and Sand.
3803	3903	100	Lime and Gyp
3903	3925	22	Lime
3925	4103	178	Lime
4103	4145	42	Lime & Gyp
4145	4192	47	Lime
4192	4322	130	Lime & Gyp
4322	4992	670	Lime
4992	5033	41	Lime & Gyp
5033	5295	262	Lime
5295	5575	280	Lime and Gyp
5575	5755	180	Lime & Salt
5755	6492	737	Lime
6492	6585	93	Salt and Shale
6585	7052	467	Lime
7052	7092	40	Lime and Gyp
7092	7180	88	Lime
7180	7860	680	Shale, Dolomite and Anhydrite
7860	8320	460	Dolomite and Anhydrite
8320	8770	450	Chert and Dolomite
8770	9480	710	Limestone
9480	9775	295	Chert, Shale and Limestone
9775	9825	50	Sand, Shale, Chert and Limestone
9825	9860	35	Shale and Limestone
9860	10195	335	Chert and Limestone
10195	10225	30	Dolomite and Chert
	10225		Total Depth

SLOPE TESTSGEOLOGICAL DATA

290'	St.	Top Anhydrite	1695
1070	-3/4 deg.	Base Salt	2395
2400	1-3/4	Top Yates	2482
2825	1-1/4	Base Yates	2600
3150	2-	Top San Andres	3760
3685	1-	Base San Andres	5131
3920	-1/2	Top Padlock	5420
4350	-3/4	Top Clearfork	5884
4800	-1/2	Top Abc	7200
5300	-3/4	Top Wolfcamp	8432
5880	-3/4	Top Pennsylvanian	8675
6446	1-	Top Mississippian	9863
6975	1-1/4	Top Devonian	10195
7584	1-	Top Pay	8660
7890	-1/2		
8150	-1/4		
8410	-1/2		
8775	2-1/4		
9035	2-3/4		
9340	1-3/4		
9620	2-		
9878	2-		
10068	3-		
10125	3-		

DRIIL STEM TESTS

- D.S.T. #1 - 8549' to 8654' - 4 hour Test - Gas to surface in 1 hour and 54 min., which continued as faint blow for 4 hours. No fluid to surface. Recovered 810' heavily gas cut drlg. mud.
- D.S.T. #2 - 8653' to 8750' - 4 1/2 hour Test - Gas to surface in 3 min., mud up in 12 min., oil up in 25 min. Gas Vol. 2,112,000 cu ft per day. Flowed 34.50 bbl oil, 3.5% Mud in 4 hours. Recovered 420' oil. No water.
- D.S.T. #3 - 8715' to 8780' - 5 hour and 14 min. Test - Gas to surface in 4 minutes, Mud up in 37 min., oil up in 43 min. Gas Vol. 741,250 cu ft per day. Flowed 125.84 bbl oil, 4.8% Mud and .1% water in 5 hours. Recovered 1020' free oil, and 180' salt water.
- D.S.T. #4 - 8980' to 9040' - 4 hour Test - Gas up in 21 min., gas vol. 11,660 cu ft per day. Recovered 1350' salt water, out 5% oil and 6460' clear salt water.
- D.S.T. #5 - 10198' to 10225' - 4 hour Test - No gas or fluid to surface. Recovered 270' strong sulphur water. No show of oil or gas.