

E-3348

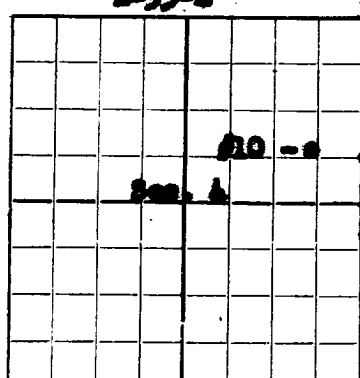
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

OIL CONSERVATION COMMISSION
- HOUSTON OFFICE

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or nearest 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.

Amerada Petroleum Corporation - Monument, New Mexico

State 5th

Well No. 10 Company or Operator in 31/4, NE/4 of Sec. 4 Lease T. 15-S

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

Well is 2263 feet south of the North line and 660 feet west of the East line of Section 4

If State land the oil and gas lease is No. E-2118 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, Okla.

Drilling commenced 12/5/51 19 Drilling was completed 2/6/52 19

Name of drilling contractor Crockmore Drilling Co. Address Thompson Bldg., Tulsa, Okla.

Elevation above sea level at top of casing 4197 feet.

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

OIL SANDS OR ZONES

No. 1, from 9803' to 9806' 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.	S.W.	281'	Guide			
8-5/8	32-24#	8-RT	Sals.	4201'	Float			
5-1/2	15.5-17#	8-RT	Sals.	9953	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	250	Halliburton		
11	8-5/8	4216	1900	Halliburton		
7-7/8	5-1/2	9970	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
		Duwall 15% LST	500 Gal.	2/20/52	9803'-9806'	

Results of shooting or chemical treatment Floored 367.45 bbl oil, .80 bbl B.S. & 1.23 bbl Water in 2 1/2 hours on 1 1/4" Choke. I.P. 1075#. Gas Vol. 494,660 cu ft p/d. GOR 1277 Gcy 41.6

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 10,150 feet, and from feet to feet.

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

PRODUCTION

Put to producing February 21, 1952 19

The production of the first 24 hours was 389.48 barrels of fluid of which 99.48 % was oil; % emulsion; .32 % water; and .20 % sediment. Gravity, Be 41.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

T.A. Turner Driller K.S. Satterwhite Driller

Gene Day 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 24th

Monument, New Mexico February 24, 1952

day of February 1952

Name Dr. Tappan

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6'	6'	Cellar
6	-220	214	Sand and Caliche
220	300	80	Red Bed, Sand and Shale.
300	1610	1310	Sand and Shale
1610	1690	80	Sand, Anhydrite and Shale.
1690	2710	1020	Shale, Anhydrite and Salt.
2710	3230	520	Shale, Anhydrite and Sand
3230	3500	270	Shale and Anhydrite
3500	4020	520	Shale, Anhydrite, sand and Salt
4020	4200	180	Shale, Anhydrite, Sand and Dolomite
4200	5990	1390	Dolomite and Anhydrite
5990	5650	60	Limestone and Dolomite
5650	5740	90	Dolomite and Anhydrite
4750	6490	750	Dolomite, Sand and Anhydrite
6490	7500	10	Dolomite and Anhydrite
7500	7780	280	Anhydrite and Dolomite
7780	8450	670	Red & green Sand, Anhydrite and Dolomite
8450	9200	750	Anhydrite & Dolomite
9200	9460	260-	Limestone
9460	9800	340	Limestone, Green Shale & Chert
9800	10150	350	Limestone
	10150		Total Depth
	9830		Plug Back Depth

SLOPE TESTS

200'	-1/4	deg.
750	-1/2	
1300	-1/4	
1600	-1/2	
2175	-1/2	
2675	-3/4	
3250	-1/4	
3775	-1/2	
4150	-1/2	
4620	-1/2	
5225	1-	
5935	- 3/4	
6335	1-	
6875	-3/4	
7275	-3/4	
8030	-1/2	
8500	-1/2	
8950	1-	
9425	-3/4	
9700	1-	
10050	1-	

GEOLOGICAL DATA

Base Red Bed	1518'
Top Salt	1617
Base Salt	2580
Top Yates	2661
Base Yates	2815
Top Red Sand	3451
Top San Andres	4193
Base San Andres	5692
Top Padlock	6006
Top Clearfork	6393
Top Abo	7755
Top Wolfcamp	9096
Top Pennsylvanian	9383

DRILL STEM TESTS

- D.S.T. #1 - From 9795' to 9880' - 4 hour and 20 minute Test - Opened tool with gas up in 5 minutes; mud up in 12 minutes and oil up in 18 minutes. Flowed 48.23 bbl oil and 186.87 bbl salt water in 4 hours. Qty oil, 34.4 corrected. Hled down 11.04 bbl fluid. Recovered 260' Salt water.
- D.S.T. #2 - From 9860' to 9880' - 5 hour & 18 minute Test - Opened tool and had gas up in 5 minutes., Mud up in 1 hour & 11 minutes, Oil up in 1 hour & 16 minutes. Flowed 37.50 bbl oil, .91 bbl B.S. & 49.91 bbl salt water in 4 hours. Qty oil 3918 corrected. Hled down 11.04 bbl fluid. Recovered 23 bbl salt water and 524' salt water.
- D.S.T. #3 - From 9897' to 9932' - 4 hour & 29 minute Test - Opened tool with gas to surface in 4 minutes, Mud up in 24 minutes and oil up in 27 minutes. Gas Vol. 596,000 cu ft p/d. Flowed 85.56 bbl fluid, 2% B.S. & 28% Water in 4 hours. Recovered 260' salt Water.
- D.S.T. #4 - From 9950' to 9985' - 4 hour Test - Opened tool with fair blow of air. Gas up 2 hours & 29 minutes. No fluid to surface. Recovered 140' slightly oil & gas out drlg. mud. No Water.
- D.S.T. #5 - From 10,000' to 10,150' - 4 hour Test - Opened tool with weak blow of air which decreased to faint blow and remained thruout test. No fluid to surface. No gas to surface. Recovered 752' Sulphur water and gas out drlg mud, 630' Sulphur water.