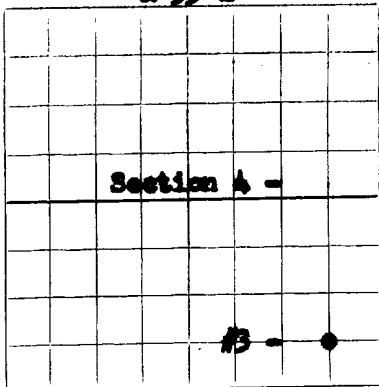


R-33-E



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

**Amerada Petroleum Corporation** (Company or Operator) **State S<sup>W</sup>D<sup>N</sup>** (Lease)

Well No. **3**, in **C/S<sup>E</sup> 1/4** of **SE 1/4** of Sec. **4**, T. **15-S**, R. **33-E**, NMPM.

**Saunders** Pool, **Lea** County.

Well is **660** feet from **South** line and **660** feet from **East** line of Section **4**. If State Land the Oil and Gas Lease No. is **R-2116**.

Drilling Commenced **10/15/52**, 19... Drilling was Completed **12/10/52**, 19...

Name of Drilling Contractor **McVay & Stafford Drlg. Co.**

Address **1110 Philtower, Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **4201**. The information given is to be kept confidential until **Not Confidential**, 19...

OIL SANDS OR ZONES

No. 1, from **9812'** to **9822'** No. 4, from... to...

No. 2, from **9858'** to **9870'** No. 5, from... to...

No. 3, from **9914'** to **9930'** No. 6, from... to...

No. 3, from **9972'** to **9990'** 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 **None -** to... feet.

No. 2, from... to... feet.

No. 3, from... to... feet.

No. 4, from... to... feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<b>13-3/8"</b>	<b>36#</b>	<b>Now</b>	<b>280</b>	<b>Guide</b>			
<b>8-5/8"</b>	<b>24 &amp; 3 2#</b>	<b>Now</b>	<b>4216</b>	<b>Guide</b>			
<b>5-1/2"</b>	<b>15.5 &amp; 17</b>	<b>Now</b>	<b>10110'</b>	<b>Fleet</b>		<b>9812 to 9822;</b> <b>9914 to 9930;</b>	<b>9858' to 9870'</b> <b>9972' to 9990'</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/2"</b>	<b>13-3/8"</b>	<b>296'</b>	<b>250</b>	<b>Halliburton</b>		
<b>11</b>	<b>8-5/8"</b>	<b>4230'</b>	<b>1500</b>	<b>Halliburton</b>		
<b>7-7/8"</b>	<b>5-1/2"</b>	<b>10125'</b>	<b>600</b>	<b>Halliburton</b>		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

**Acidized above perforations with a total of 1750 gallons 15% LST Acid - Well flowed 175.15 bbl oil, 4.35 bbl B.S. & 256.58 bbl water in 16 hours on 1/2" & 3/4" Chokes. Tag. 80# to 120#, with 600# input gas. Gas Vel., 439,210 cu ft p/d GOR 1568. Qty 40 corrected -**

Result of Production Stimulation.....

Depth Cleaned Out.....

# 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 10125' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 12/17/52, 19

OIL WELL: The production during the first 24 hours was 654.24 barrels of liquid of which 40.17 % was oil; % was emulsion; 58.84 % water; and .99 % was sediment. A.P.I. Gravity 40 Corrected -

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	1532'	<del>XXXXXXXX</del> Zone #1 & #2 - 9764	T. Ojo Alamo		
T. Salt	1630	<del>XXXXXXXX</del> to 9883	T. Kirtland-Fruitland		
B. Salt	2585	<del>XXXXXXXX</del> Zone #3 - 9893' to	T. Farmington		
T. Yates	2672	<del>XXXXXXXX</del> 9948'	T. Pictured Cliffs		
T. <del>XXXXXXXX</del> Artesia Red Sd - 3473		<del>XXXXXXXX</del> Zone #3-A 9952 to	T. Menefee		
T. Queen		<del>XXXXXXXX</del> 9964	T. Point Lookout		
T. Grayburg		<del>XXXXXXXX</del> Zone #4 - 9973 to	T. Mancos		
T. San Andres	4210	<del>XXXXXXXX</del> 9998	T. Dakota		
<del>XXXXXXXX</del> E. San Andres - 5724		T. Zone #5 - 10019	T. Morrison		
T. <del>XXXXXXXX</del> Padlock - 6032		T.	T. Penn		
T. <del>XXXXXX</del> Clearfork - 6423		T.	T.		
T. <del>XXXXXX</del> Tubbs - 7034		T.	T.		
T. <del>XXXXXX</del> Abo - 7767		T.	T.		
T. <del>XXXXXX</del> Penn - 9398		T.	T.		

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	6	6	Callar				
6	220	214	Sand & Caliche				
220	300	80	Red Bed, Sand & Shale				
300	1610	1310	Sand & Shale				
1610	1690	80	Sand, Anhydrite and Shale				
1690	2710	1020	Shale, Anhydrite & Salt				
2710	3230	520	Shale, Anhydrite and Sand				
3230	3500	270	Shale & Anhydrite				
3500	4020	520	Shale, Anhydrite, Sand & Salt				
4020	4200	180	Shale, Anhydrite, Sand & Dele.				
4200	5590	1390	Dolomite and Anhydrite				
5590	5650	60	Limestone and Dolomite				
5650	5740	90	Dolomite and Anhydrite				
5740	6490	750	Dolomite, Sand & Anhydrite				
6490	7500	1010	Dolomite, Sand and Anhydrite				
7500	7700	200	Dolomite and Anhydrite				
7700	7767	67	Dolomite and Anhydrite				
7767	9050	1283	Shale and Dolomite				
9050	9200	150	Dolomite and Chert				
9200	9300	100	Limestone and Dolomite				
9300	9400	500	Lime, Chert & Shale				
9400	10125	325	Limestone W/Shale Stringers				
	10125		Total Depth -				
	10105		Drilled out Depth -				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

January 7, 1953

(Date)

Company or Operator Amerada Petroleum Corporation

Address Drawer D, Monument, New Mexico

Name

Position or Title Assistant District Superintendent

SAUNDERS FIELD:

State S"D" #4 -

DRILL STEM TESTS

- D.S.T. #1 - From 9790' to 9860' - 4 hour Test. Opened tool w/good blow of air. Gas up in 7½ min. Gas Vol 1st. 2 hours, 60,000 cu ft p/d; 3rd hour, 19,000 cu ft and 4th hour, 48,000 cu ft p/d No fluid to surface. Recovered 300' oil & gas cut mud (est. 20% Oil); 2930' free oil, Gty. 41.1 corrected and 270' salt water.
- D.S.T. #2 - From 9874' to 9905' - 5 hour & 52 min. test. Opened tool w/strong blow of air; gas in 4 min., mud in 43 min and oil in 52 minutes. Flowed 62.30 bbl oil, 10.51 bbl mud and .33 bbl fresh water in 5 hours. Gas Vol. 500,000 cu ft p/d GOR 1672. Gty 42.1 corrected.
- D.S.T. #3 - From 9925' to 9975' - 4 hour & 9 min. test. Opened tool w/strong blow of air; gas in 3 min., mud in 7 min., & oil in 8 minutes. Flowed 263.16 bbl oil, 2.28 bbl BS and 39.54 bbl water in 4 hours. Gas Vol., 2,331,000 cu ft p/d ~~GOR~~ Gty. 40.7 corrected. Recovered 45.87 bbl oil above circ. sub and 270' black sulphur water below sub.
- D.S.T. #4 - From 9985' to 10050' - 4 hour Test. Opened tool w/weak blow of air which gradually ~~decreased~~ decreased and died in 3 hours & 51 minutes - no gas or fluid to surface - Recovered 270' black salty sulphur water.
- D.S.T. #5 - From 10062' to 10125' - 1 hour & 15 min. test. Fair to weak blow of air that died in 10 minutes. No gas or fluid to surface. Recovered 60' mud - no show of oil, or gas.

SLOPE TESTS

516'	-1/2 deg.
1174'	1-
1451'	-1/4
2013	-1/2
2666'	1-
3191'	1-1/2
3565	-3/4
3992	-1/2
4533'	1-
4945	-3/4
5427	-1/2
5977	1-
6490	1-
6934	-3/4

7329'	-1/4 deg.
7743	-1/4
8314	-1/4
8737	1-
9194	1-
9425	1-
9750	-1/4
9798	straight -

