

Santa Fe, New Mexico

WELL RECORD 52

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation
(Company or Operator)

State S "L"
(Law)

Well No. 1, in NE $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 32, T. 14-S, R. 33-E, NMPM.

Undesignated Pool Leased County.

Well is 1980 feet from South line and 660 feet from East line.

of Section 32 If State Land the Oil and Gas Lease No. is OG 4759

Drilling Commenced 7-18-60, 1960 Drilling was Completed 8-24-60, 1960

Name of Drilling Contractor.....McVay & Stafford Drilling Company

Address 1110 Philtower Bldg. - Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head.....4230' DF..... The information given is to be kept confidential until
Not Confidential..... 19.....

No. 1. from 9886¹ to 9904¹ No. 2. from _____ to _____

No. 2, from to No. 3, from to[†]

No. 3, from to No. 5, from to

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

No. 1, from..... to..... feet.

No. 2, from feet.

No. 3, from feet.

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

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	36	NEW	296'	Guide			Surface
8-5/8"	32 & 24	NEW & SH	4169'	Float			Intermitter
5-1/2" *	17	NEW & SH	6100'	Float			Production
* Liner							

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17"	13-3/8"	296'	250	Halliburton		
11"	8-5/8"	1004, 169'	1500	Halliburton		
7-7/8"	5-1/2"	10,100'	600	Halliburton		
TPO	5-1/2"	4,000'	200	Halliburton		

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

Acidized 5-1/2" Casing Perforations from 9886' to 9904' with 500 Gallons 15% LST Acid.

Max. Pump Pressure 5400# Min. Pump Pressure 1200#, 0# pressure 7 minutes after pumps shut down. Average Injection rate 1.5 bbls per minute.

Result of Production Stimulation **COMPLETION TEST:** Flored 113.16 bbls oil, 30.36 bbls water, 20 hrs., on 32/64" choke, TP 180#, Gas Volume 283,810 CFPD, GOR 2090, Gravity 41.3 corrected -

24 hr. rate 135.79 BOPD. _____ Depth Cleaned Out. 10,095' Drilled out
Depth.

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 10,104' TD feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing August 29, 1960
OIL WELL: The production during the first 24 hours was 143.52 barrels of liquid of which 79% was oil; 0% was emulsion; 21% water; and 0% was sediment. A.P.I. Gravity 41.3 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):

Schlumberger Tops		Southeastern New Mexico	Northwestern New Mexico
T. Anhy.	1588'	T. Devonian	T. Ojo Alamo
T. Salt	1664'	T. Silurian	T. Kirtland-Fruitland
B. Salt	2524'	T. Montoya	T. Farmington
T. Yates	2605'	T. Simpson	T. Pictured Cliffs
T. XXXX Red Sand	3383'	T. McKee	T. Menefee
T. Queen		T. Ellenburger	T. Point Lookout
T. Grayburg		T. Gr. Wash	T. Mancos
T. San Andres	4114'	T. Granite	T. Dakota
XX XXXX B. San Andres	5646'	T.	T. Morrison
T. XXXX Clearfork	6354'	T.	T. Penn
T. Tubbs	7000'	T.	
T. Abo	7743'	T.	
T. XXXX Wolfcamp	9057'	T.	
T. XXXX Penn IX	9496'	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1588'	1588'	Sand, Shale				
1588'	1664'	76'	Anhydrite				
1664'	2524'	860'	Anhydrite & Salt				
2524'	2605'	81'	Anhydrite				
2605'	2950'	345'	Anhydrite, Sand & Shale				
2950'	3383'	433'	Anhydrite & Shale				
3383'	3410'	27'	Sand & Shale				
3410'	4114'	704'	Anhydrite & Shale				
4114'	5646'	1532'	Dolomite				
5646'	6354'	708'	Anhydrite, Dolomite & Sand				
6354'	7743'	1389'	Dolomite				
7743'	8200'	457'	Dolomite & Shale				
8200'	9057'	857'	Dolomite				
9057'	9150'	93'	Chert & Dolomite				
9150'	9500'	350'	Limestone				
9500'	10104'	604'	Lime & Shale				

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.

August 31, 1960
Company or Operator Amerada Petroleum Corporation Address Roswell Stab Route - Tatum, New Mexico
Name Assistant District Superintendent Position or Title