

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Sec. 11

T-13-S

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 QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation

(Company or Operator)

L. W. Ward

(Lease)

Well No. **3**, in **NW** $\frac{1}{4}$ of **SE** $\frac{1}{4}$ of Sec. **11**, T. **13-S**, R. **38-E**, NMPM.

Bronco Silure Devonian

Pool,

Lea

County.

Well is **1962.75** feet from **South** line and **1514.70** feet from **East** lineof Section **11**. If State Land the Oil and Gas Lease No. is **—**Drilling Commenced **December 27,** 19 **53**. Drilling was Completed **March 8,** 19 **54**Name of Drilling Contractor **Rowan Drilling Company, Inc.**Address **Fair Building Fort Worth, Texas**Elevation above sea level at Top of Tubing Head **3810' DF**. The information given is to be kept confidential until **Not confidential**, 19 **—**

OIL SANDS OR ZONES

No. 1, from 9,515' to 9,595'	No. 4, from 11,630' to 11,850'
No. 2, from 9,630' to 9,670'	No. 5, from — to —
No. 3, from 10,980' to 11,005'	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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	36#	New	301'	Arceo SJ			
9-5/8"	36# 40#	New	4528'	Baker Guide			
7"	23-26-29#	New	11704'	Baker 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"	319'	450 sx.	Halliburton		
12-1/4"	9-5/8"	4546'	1500 sx.	Halliburton		
8-3/4"	7"	11720'	700 sx.	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized open hole from 11,720 to 11,867' with 1000 gallons Halliburton MCA Acid.

Minimum pump pressure 1200#, Maximum pump pressure 2200#. Average injection rate- .8 bbl. per minute. Held 1000# on casing while acidizing.

Result of Production Stimulation

Depth Cleaned Out

REC'D 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 2' feet to 11,867' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 8, 1954

OIL WELL: The production during the first 24 hours was 623.70 (in 7 1/2 hrs) barrels of liquid of which 97.5% was oil; 1.4% was emulsion; 0% water; and 1.1% was sediment. A.P.I. Gravity 43.5

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.	2240'		T. Devonian	11,628'	
T. Salt	2304'		T. Silurian		
B. Salt			T. Montoya		
T. Yates	3092'		T. Simpson		
T. 7 Rivers			T. McKee		
T. Queen			T. Ellenburger		
T. Grayburg			T. Gr. Wash.		
T. San Andres	4508'		T. Granite		
T. San Andres	5948'		T.		
T. Clearfork	6610'		T.		
T. Tubbs	7173'		T.		
T. Abo	7834'		T.		
T. Wolfcamp	8976'		T.		
T. Penn. AXX	9127'		T.		
T. Miss.	10882'		T.		
T. Woodford	11560'				

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	18	18	Cellar				
18	270	252	Surface Rock & Sand				
270	1601	1331	Red Bed				
1601	1878	277	Red Bed, Sand & Anhy.				
1878	2146	268	Red Bed, Anhy. & Salt				
2146	2335	189	Anhy.				
2335	2900	565	Sand, Anhy. & Salt				
2900	3140	240	Salt, Anhy. & Gyp.				
3140	3392	252	Anhy. & Salt				
3392	3523	131	Salt, Anhy. & Gyp.				
3523	4095	572	Anhy. & Gyp.				
4095	4531	436	Anhy.				
4531	9310	4779	Lime				
9310	9442	132	Lime & Chert				
9442	9933	491	Lime				
9933	10690	757	Lime & Chert				
10690	10792	102	Lime & Shale				
10792	10923	131	Lime, Shale & Chert				
10923	11553	630	Lime & Chert				
11553	11586	33	Lime, Chert & Shale				
11586	11596	10	Lime & Shale				
11596	11628	32	Shale				
11628	11867	239	Lime				

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.

March 10, 1954 (Date)
Company or Operator Amerada Petroleum Corp. Address Drawer 809 Seminole, Texas
Name J. H. Smith Position or Title Dist. Supt.