

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

OCT 9 PM 2 18  
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 N.M.  
(Lease)

Well No. 4, in SW 1/4 of NW 1/4, of Sec. 23, T. 14-S, R. 33-E, NMPM.

Saunders Pool, Lea County.

Well is 660' feet from West line and 1980' feet from North line

of Section 23. If State Land the Oil and Gas Lease No. is E-2075

Drilling Commenced August 17, 1958. Drilling was Completed September 20, 1958

Name of Drilling Contractor McVay &amp; Stafford Drilling Company

Address 1110 Philtower, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 4205' DF. The information given is to be kept confidential until

Not Confidential, 19

## OIL SANDS OR ZONES

No. 1, from 9765' to 9791' 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	36	New	280'	Guide			Surface
8-5/8"	24 & 32	New	4169'	Float			Intermediate
5-1/2"	17	New	5903'	Float		9765'-9791'	Production

\* Liner

## 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	4169'	1500	Halliburton		
7-7/8	5-1/2"	9949'	600	Halliburton		
* Liner	TOP 4046'	200		Halliburton		

## RECORD OF PRODUCTION AND STIMULATION

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

Acidized Perforations from 9765' to 9774', 9787' to 9791' with 500 Gal 15% LST Western Acid

Result of Production Stimulation. COMPLETION TEST -- Flowed 232 Bbls Oil, 14 Bbls Water 24 Hrs on 16/64"

Choke, TP 350#, Gas Vol 286,870 GPPD GOR 1237, Gravity 40.3 Corrected

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 Surface feet to 9950' TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to Producing September 24, 1958.

OIL WELL: The production during the first 24 hours was 246 barrels of liquid of which 94 % was  
was oil; \_\_\_\_\_ % was emulsion; 6 % water; and \_\_\_\_\_ % was sediment. A.P.I.  
Gravity 40.3

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.	<u>1628</u>	T. Devonian.	_____
T. Salt.	<u>1722</u>	T. Silurian.	_____
B. Salt.	<u>2485</u>	T. Montoya.	_____
T. Yates.	<u>2656</u>	T. Simpson.	_____
T. 7 Rivers.	_____	T. McKee.	_____
T. Queen.	<u>3414</u>	T. Ellenburger.	_____
T. Grayburg.	_____	T. Gr. Wash.	_____
T. San Andres.	<u>4108</u>	T. Granite.	_____
T. Glorieta.	<u>5607</u>	T. _____	_____
T. <del>Wink</del> Paddock.	<u>5907</u>	T. _____	_____
T. Tubbs.	<u>6997</u>	T. _____	_____
T. Abo.	<u>7737</u>	T. _____	_____
T. Penn. <del>Wellcamp</del>	<u>9067</u>	T. _____	_____
T. <del>Wink</del> Perm.	<u>9334</u>	T. _____	_____

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	6'	6'	Cellar				
6'	220'	214'	Sand & Caliche				
220'	1628'	1408'	Red Bed, Sand				
1628'	1722'	94'	Anhydrite				
1722'	2485'	763'	Salt & Anhy				
2485'	2656'	171'	Anhy				
2656'	3414'	758'	Anhy & Shale				
3414'	4108'	694'	Anhy Dolomite, Sand				
4108'	5607'	1499'	Lime				
5607'	5907'	300'	Sand, Shale, Lime				
5907'	6997'	1090'	Dolomite & Shale				
6997'	7737'	740'	Dolomite & Shale				
7737'	9067'	1330'	Shale, Dolomite & Shale				
9067'	9334'	267'	Dolomite & Chert				
9334'	9950'	616'	Lime & Shale				
9950'			TD				

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.

\_\_\_\_\_ October 7, 1958 (Date)  
Company or Operator Amerada Petroleum Corporation Address Box 636, Lovington, New Mexico  
Name R. Q. Swanson Position or Title Foreman