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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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation
(Company or Operator)

STATE S "J"

(Lease)

Well No. **7**, in **NE** ¼ of **NW** ¼, of Sec. **23**, T. **14-S**, R. **33-E**, NMPM.

Saunders Pool, **Lee** County.

Well is **660'** feet from **North** line and **1980** feet from **West** line of Section **23**. If State Land the Oil and Gas Lease No. is **E-2075**.

Drilling Commenced **March 9**, 19**59**. Drilling was Completed **April 15**, 19**59**.

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

Address **1110 Philtower Building, Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **4201' DF**. The information given is to be kept confidential until

Not Confidential, 19**59**.

OIL SANDS OR ZONES

No. 1, from **9780'** to **9932'** 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"	48#	NEW	294'	Guide			Surface
8-5/8"	24 & 32	NEW	4154'	Float			Intermediate
LINER 5-1/2"	17	NEW & SH	5909'	Float			Production

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"	294'	250	Halliburton		
12 1/4" & 11"	8-5/8"	4154'	1500	B. J.		
7-7/8"	*5-1/2"	9943'	600	Halliburton		
	* Liner Top	4034'	200	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized 5-1/2" Csg Perf from 9780' to 9793', 9798' to 9802', 9820' to 9827', 9923' to 9932'
w/1000 Gal Sped 15% LT Acid & 140 Rubber Ball Sealers w/Max PP 5300#, Min O#, Avg Inj Rate
3 Ebls per Min,

Result of Production Stimulation **COMPLETION Test: Pumped 25 Ebls Oil, 66 Ebls Water 24 Hrs on 9-1/2**
100# SPM, Gas Vol 41,064 cfpd, GOR 1642, Gravity 41.7 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 0' feet to 9946' feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing April 22, 1959

OIL WELL: The production during the first 24 hours was 91 barrels of liquid of which 28 % was
 was oil; _____ % was emulsion; 72 % water; and _____ % was sediment. A.P.I.
 Gravity _____

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>1692'</u>	T. Devonian.....	T. Ojo Alamo.....	
T. Salt..... <u>1753'</u>	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt..... <u>2495'</u>	T. Montoya.....	T. Farmington.....	
T. Yates..... <u>2663'</u>	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen..... <u>34 27'</u>	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres..... <u>4114'</u>	T. Granite.....	T. Dakota.....	
T. Glorieta..... <u>5612'</u>	T.	T. Morrison.....	
T. Drinkard.....	T.	T. Penn.....	
T. Tubbs..... <u>7004'</u>	T.	T.	
T. Abo..... <u>7736'</u>	T.	T.	
T. Penn..... <u>9334'</u>	T.	T.	
T. Miss.....	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	6'	6'	Cellar				
6'	220'	214'	Sand & Caliche				
214'	1692'	1478'	Red Bed				
1692'	1753'	61'	Anhy & Red Bed				
1753'	2495'	742'	Salt & Red Bed				
2495'	2663'	168'	Anhy & Shale				
2663'	4114'	1451'	Anhy Sand & Shale				
4114'	5612'	1498'	Lime				
5612'	7004'	1392'	Lime & Shale				
7004'	7736'	732'	Shale				
7736'	9334'	1598'	Shale, Lime & Chert				
9334'	9946'	612'	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.

May 21, 1959
(Date)

Company or Operator Amerada Petroleum Corporation Address Box 636, Lovington, New Mexico
 Name R. Q. Swanson Position or Title Foreman

STATE S "J" #7

DST & DEVIATION SURVEYS

- D. S. T. No. 1 - 9736' to 9850' - 4 Hour Test on 4½" DP, w/5/8" Bottom & 1" Top Choke
 Opened Tool with strong blow air, gas to surface in 6 Min., 1st Hour
 101,360 cfpd, 2nd hr 9,260 cfpd, Last 2 hrs TSTM, Recovered 800'
 50% Drilling Mud & 50% Oil, 2028' Oil cut 5% Drilling Mud, above TC
 Valve, Below TC Valve 30' free oil, No Water, Gravity 41.2 Corrected,
 BT Chart: HI 4810#, HO 4820#, IF 278#, FF 795#, 1/2 Hr BUL305#
- D. S. T. No. 2 - 9850' to 9900' - 4 Hour Test on 4½" DP w/5/8" Bottom & 1" Top Choke
 Opened tool with strong blow air, gas to surface in 9 Min, gas vol
 1st hour 60,140 cfpd, 2nd hour 24,738 cfpd, 3 & 4th hr 25,738 cfpd,
 Reversed out 5.52 Bbls Oil, 8556 Bbls Salt ater w/Sulphur Oder,
 BT Chart: HI 4905#, HO-4905#, IF 815#, FF 3087#, 1/2 Hr BU 3145#
- D. S. T. No. 3 - 9913' to 9946' - 4 Hour Test on 4½" DP w/5/8" Bottom & 1" Top Choke
 Gas to surface in 15 Min, Gas vol 1st hr 77,613 cfpd, 2nd hr 71,913
 cfpd, 3rd hr 40,567 cfpd, 4th Hr 25,556 cfpd, Reversed out Valve Plugged
 Recovered 650' Oil & Gas Cut Drilling Mud, 10% Oil, 50% Gas, 40% Mud,
 Recovered below TC Valve 80' Oil 10' Salt Water,
 BT Chart: HI-4820#, HO-4795#, IF 55#, FF 315#, 1/2 Hr BU 1990#

DEVIATION SURVEYS

525'	1/4 Deg.
935'	1/4
1588'	3/4
2392'	1/2
2580'	3/4
3130'	2-1/2
3640'	1-1/2
3960'	3/4
4350'	1/2
4850'	1-1/2
5328'	1-1/2
5540'	1-3/4
6158'	1
6660'	3/4
7035'	3/4
7474'	1/4
8134'	3/4
8625'	1-1/4
9105'	1-1/2
9549'	1-1/2

