

No. 3

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

STATE S "JN"

(Company or Operator)

(Lease)

Well No. 3, in SE 1/4 of SW 1/4, of Sec. 23, T. 14-S, R. 33-E, NMPM.

Saunders

Pool Saunders

County.

Well is 660' feet from South line and 1980' feet from West line.

of Section 230 If State Land the Oil and Gas Lease No. is E-2075

Drilling Commenced July 5, 1958 Drilling was Completed I August 11, 1958

Name of Drilling Contractor McVay & Stafford Drilling Company

Address..... 1110 Philtower Building, Tulsa 3, Oklahoma

Elevation above sea level at Top of Tubing Head 4198' DF The information given is to be kept confidential until

Not Confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from ~~974.1~~ **975.4** to **980.1** 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"	32#	NEW	4157'	Float			Intermediate
5-1/2"*	17#	NEW	5919'	Float		9954'-9801'	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	2961	250	B.J.		
11	8-5/8	41691	1500	Halliburton		
7-7/8"	5-1/2	99991	800	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized w/1000 Gal Western 15% LST Acid, 5 1/2" Csg Perf f/29541-97581, 97691-97801, 98901-98011

Result of Production Stimulation.....**COMPLETION TEST: Flowed 353 Bbls Oil, No Water 24 Hrs on 14/64" Choke**

TP 600#, CP 400#, Gas Vol 502,340 CFPD GOR 14.22, Gravity 40.2 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 10,000' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing August 15, 1958, 1958

OIL WELL: The production during the first 24 hours was 247 barrels of liquid of which 90 % was oil; _____ % was emulsion; 10 % Acid % water; and _____ % was sediment. A.P.I. Gravity 42.2

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>1612'</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... <u>1707'</u>	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... <u>2504'</u>	T. Montoya.....	T. Farmington.....
T. Yates..... <u>2673'</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen..... <u>3446'</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... <u>4136'</u>	T. Granite.....	T. Dakota.....
T. Quincy Paddock <u>5947'</u>	T.	T. Morrison.....
T. Forbes Clear Fork <u>6374'</u>	T.	T. Penn.....
T. Tubbs..... <u>7009'</u>	T.	T.
T. Abo..... <u>7746'</u>	T.	T.
T. Rock W.C. <u>9077'</u>	T.	T.
T. Max Penn <u>9349'</u>	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				
220'	1612'	1392'	Red Bed, Sand & Shale				
1612'	1707'	95'	Anhydrite red Bed				
1707'	2504'	797'	Anhydrite & Salt				
2504'	2673'	169'	Anhydrite & Shale				
2673'	3446'	773'	Shale, Anhydrite & Sand				
3446'	4136'	690'	Anhydrite & Shale				
4136'	5947'	1811'	Lime & Shale				
5947'	6374'	427'	Shale & Anhy				
6374'	7009'	635'	Lime, Shale & Anhy				
7009'	7746'	737'	Shale & Anhydrite				
7746'	9077'	1331'	Shale & Lime				
9077'	9349'	272'	Lime & Dolomite				
9349'	10000'	651'	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.

Company or Operator Amerada Petroleum Corporation Address August 22, 1958 (Date)
Name R. Q. Swanson Position or Title Box 636, Lovington, New Mexico
Foreman

DRILL STEM TESTS

- 15
CI
W
2
1949
SEP
20
- D.S.T. No. 1 - 9738' to 9826' - Pennsylvanian Zone #1 & 2 - 4 Hour 22 Minute Test
4-1/2" DP, 5/8" Bottom & 1" Top Choke, Opened Tool with Strong Blow
Air, Gas to Surface in 4 Minutes, Mud 12 Minutes, Oil 17 Minutes
4 Hrs Flowed 180 Bbls Oil, 8 Bbls Water, Gas Vol 2,226,000 cfpd
GOR794, DP Pressure 660#, Gravity 40.3 Corrected
Reversed Out 61 Bbls Oil, 1 Bbl Water, Recovered 20' Oil Below
TC Valve, Pressures, HI 4600#, HO 4600#, IFP 2065#, FFP 2771#
10 Min BUP 3034#, 20 Min BUP 3092#, 30 BUP 3092#
- D.S.T. No. 2 - 9840' to 9890' - Pennsylvanian Zone #3 & 3A - 4 Hour 37 Minute Test
4-1/2" DP 5/8" Bottom & 1" Top Choke, Opened Tool with Strong Blow
Air, Gas to Surface in 4 Minutes, Mud in 16 Minutes, Oil in 22 Minutes,
4 Hrs Flowed 57 Bbls Oil, 132 Bbls Water, Gas Vol 575,000 cfpd,
GOR 1808, Reversed Out 17 Bbls Oil, 39 Bbls Water, Recovered below
TC Valve 20' Salt Water, Pressures - HI 4550#, HO 4550#, IFP 2100,
FFP 2910#, 10 Min BUP 2975#, 20 Min BUP 3020#, 30 Min BUP 3020#
- D.S.T. No. 3 - 9890' to 9935' - Pennsylvanian Zone #4 - 4 Hour Test
4-1/2" DP 5/8" Bottom & 1" Top Choke, Opened Tool w/good blow air,
Gas to surface in 11 Minutes, Gas Vol 1st & 2nd Hr 20,059 cfpd,
3rd & 4th Hr TSTM, No Fluid to Surface, Reversed Out 8 Bbls Oil,
30 Bbls Water, Recovered 60' Salt Water below TC Valve
Pressures - HI 4635#, HO 4635#, IFP 115#, FFP 1745#, 10 Min BUP 2562#,
20 Min BUP 3035#, 30 Min BUP 3235#
- D.S.T. No. 4 - 9945' to 10000' - Pennsylvanian Zone #5 - 4 Hour Test -
4-1/2" DP 5/8" Bottom & 1" Top Choke, Opened Tool with Weak Blow Air,
No Gas or Fluid to Surface, Recovered Above TC Valve, 1,000' Water
Blanket, 260' Salty Sulphur Water, 20' Free Oil, Below TC Valve
Recovered 2' Free Oil, 140' Salty Sulphur Water, Pressures -
HI 4775#, HO 4755#, IFP 405#, FFP 405#, 10 Min BUP 580#, 20 Min 755#,
30 Min BUP 925#

DEVIATION SURVEYS

300'	2	Deg
913'	1/4	
1920'	1/2	
2300'	3/4	
2793'	0	
3390'	1	
4050'	3/4	
4560'	1/4	
4976'	3/4	
5527'	1/2	
6050'	1/2	
6515'	3/4	
6984'	1	
7690'	3/4	
8028'	1/2	
8725'	2	
9290'	2	
9500'	2-1/2	
9691'	1-1/2	