

R-3042

(Revised 7/1/52)
(Form C-105)

#1 **DUPLICATE**

Section 17 16 S

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
JUN 22 1953
OIL CONSERVATION COMMISSION
HOBBBS OFFICE

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 ST "A"
(Lease)

Well No. **1**, in **NW** 1/4 of **NW** 1/4, of Sec **17**, T. **16-S**, R. **36-E**, NMPM.

Undesignated Pool, **Lee** County.

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

of Section **17**. If State Land the Oil and Gas Lease No. is **E-322**

Drilling Commenced **March 12,** 19 **53** Drilling was Completed **May 9,** 19 **53**

Name of Drilling Contractor **Noble Drilling Corporation**

Address **Stanolind Building, Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **4033'** The information given is to be kept confidential until **Not Confidential**, 19 **53**

OIL SANDS OR ZONES

No. 1, from **10739'** to **10749'** 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"	35.62	New	320'	Guide			
8-5/8"	24 & 32	New	4657'	Float			
5-1/2"	17	New	10735'	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"	340'	300	Halliburton		
12-1/4"						
10"	8-5/8"	4674'	2000	Halliburton		
7-7/8"	5-1/2"	10750'	350	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized Perforations from 10739' to 10749' w/500 gallons Halliburton 6% Acid w/MCA added.

Result of Production Stimulation **Flowed 61.21 bbl. oil, .78 bbl. B.S. & 1.45 bbl. Water in 2 hours on 24/64" Choke. T.P. 1200#. Gas Vol. 1,008,000 CFPD. GOR 1372. Gty 39.8 corrected. (24 hour Rate: 734.62 bbl. oil per day.)** 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 10750' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 14, 1953

OIL WELL: The production during the first 24 hours was 761.38 barrels of liquid of which 96.49 % was oil; 2.28 % was emulsion; 1.23 % was water; and 1.23 % was sediment. A.P.I. Gravity 39.8 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):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	1806'	T. Devonian	T. Ojo Alamo
T. Salt	1910'	T. Silurian	T. Kirtland-Fruitland
B. Salt	2863'	T. Montoya	T. Farmington
T. Yates	3040'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers Red Sand Rock	3898'	T. McKee	T. Menefee
T. Grayburg		T. Ellenburger	T. Point Lookout
T. San Andres	4655'	T. Gr. Wash	T. Mancos
B. San Andres	6250'	T. Granite	T. Dakota
Chert Fork	6817'	T.	T. Morrison
T. Rock		T.	T. Penn
T. Tubbs	7427'	T.	T.
T. Ab Wolfcamp (tentative)	8127'	T.	T.
T. Rock	9664'	T.	T.
T. Penn.	10428'	T.	T.
T. Rock		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	6'	6'	Cellar				STOPE TESTS
6'	1806'	1800'	Red Beds	800'	1/4	9630'	1
1806'	1910'	104'	Anhydrite	1200'	1/4	10095'	3/4
1910'	2863'	953'	Anhydrite, Salt & Polyhalite	3280'	1/4	10330'	1
2863'	3040'	177'	Anhydrite	3805'	1/2		
3040'	4655'	1615'	Anhydrite, Sand, Shale, Salt & Dolomite	4155'	3/4		
4655'	6250'	1595'	Chert & Dolomite	4622'	3/4		
6250'	8157'	1907'	Sand, Dolomite & Chert.	5030'	1/2		
8157'	9664'	1507'	Limestone, Shale & Dolomite	5700'	3/4		
9664'	10750'	1086'	Limestone, Shale, Dolomite & Chert.	6171'	1/2		
10750'			Total Depth	6475'	1/2		
10744'			Drilled out Depth.	8450'	3/4		
Drill Stem Test #1 from 10184' to 10277'; 1 hour & 15 min test - 4 1/2" D.P. 1" top & bottom chokes Used 1200' water - Opened tool @ 5:45 PM W/Weak blow of air for 10 minutes and died. Closed tool @ 7 PM for 1/4 hour BUP. Recovered 1200' water blanked and 60' drlg. mud. No show of oil, gas or water. Amerada Chart Hyd in 4810#, out 4725#, IFP 545, FFP 545, 1/4 hour BUP 910# - Halliburton Hyd in 4800, out 4700, IFP 600, FFP 700, 1/4 hour BUP 850#.							
Drill Stem Test #2 from 10652' to 10750'; 3 hour & 35 min test - 4 1/2" D.P. L" bottom & 5/8" top chokes. Used 1750' Water blanket. Opened tool @ 7:30 AM W/Strong blow of air - Water blanket up in 23 minutes. Gas & drlg. mud up in 30 Minutes, oil up in 33 minutes - Turned to tanks @ 8:05 AM - Flowed 230.54 bbl oil, 1.15 bbl water in 3 hours - gas Vol. 2,551,000 CFP. COR 1168. Gty 39.6 corrected - Closed tool @ 11:05 AM for 1/4 hour BUP. Bled down 40 bbl oil. Reversed out an est of 5 bbl oil - Recovered 30' gas out drlg. mud and 60' free oil below circ sub. Res 31' free oil below T.C. Valve - Amerada Hyd in 5190, out 5050, IFP 1290, FFP 2850, 1/4 hour BUP 3620#. Halliburton Chart Hyd in 5300, out 5200, IFP 1700, FFP 3000 - 1/4 hour BUP 3600.							

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.

June 18, 1953

Company or Operator Amerada Petroleum Corporation Address Drawer D. Monument, New Mexico
Name Dr. Toppa Position or Title Asst. Dist. Supt.