

Santa Fe, New Mexico **HOBBS OFFICE D. C. C.**

WELL RECORD

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Mail to District Office, Oil Conservation Commission, to which Form G-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

R-37E N.

Sec. 16

T. 20 S.

**AREA 640 ACRES
LOCATE WELL, CORRECTLY**

Amerada Petroleum Corporation
(Company or Operator)

State #00

(Lense)

Well No. 4, in NE ¼ of SE ¼, of Sec. 16, T. 29S, R. 37E, NMPM.

Neuronal Tube

Pool

County.

Well is 660 feet from East line and 1900 feet from South line

of Section 16 If State Land the Oil and Gas Lease No. is A-1469

Drilling Commenced October 14, 1963 Drilling was Completed November 3, 1963

Name of Drilling Contractor..... **Noble Drilling Company**

Address.....1203 Petroleum Life Bldg., Midland, Texas

Elevation above sea level at Top of Tubing Head..... **3550' DF**..... The information given is to be kept confidential until

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

OIL SANDS OR ZONES

No. 1, from..... to..... 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
9-5/8"	36 & 32.36	New	1200'	Float			Surface casing
7-5/8"	29.7 & 26.48	New	3782'	Float			Intermediate
5-1/2"	17 & 15.56	New & SH	2877'	Brown "Liner"		6502' to 6555'	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	1210'	562	Halliburton		
8-3/4"	7-5/8"	3792'	850	Halliburton		
6-3/4"	5-1/2"	6580'	300	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated with 2 shots each at 6502', 6510', 6515', 6530', 6543', 6547' and 6555'.

Acidised perfa. with 2000 gals. 15% LST NE acid and 6000 gals. 15% Deletrel acid.

Result of Production Stimulation. Flowed 44.68 bbls. oil and 4.97 bbls. water in 24 hrs. on 3/4" choke.

TP 50 to 100%. Gas Vol. 27,735 CFPD GOR 616 Gvty. 37.6 cor.

..Depth Cleaned Out.....**6572!**.....

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 620 feet to 6500 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 8, 1963
OIL WELL: The production during the first 24 hours was 49.65 barrels of liquid of which 90% was oil; 10% was emulsion; 10% water; and 0% was sediment. A.P.I. Gravity 37.6
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.	1155'	T. Devonian	T. Ojo Alamo
T. Salt	1282'	T. Silurian	T. Kirtland-Fruitland
B. Salt		T. Montoya	T. Farmington
T. Yates	2478'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	2682'	T. McKee	T. Menefee
T. Queen	3186'	T. Ellenburger	T. Point Lookout
T. Grayburg	3517'	T. Gr. Wash.	T. Mancos
T. San Andres		T. Granite	T. Dakota
T. Glorieta	5130'	T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Tubbs	6306'	T.	T.
T. Abo		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	1150'	1150'	Red Bed				
1150'	1250'	100'	Anhydrite				
1250'	2400'	1230'	Salt				
2400'	2670'	190'	Anhydrite & Sand				
2670'	3400'	930'	Dolo., Anhy. & Sand				
3400'	3820'	220'	Dolo., & Sand				
3820'	4700'	880'	Dolo., & Anhy.				
4700'	5130'	430'	Dolo., Anhy. & Sand				
5130'	5730'	600'	Dolo., & Sand				
5730'	6310'	580'	Dolo., & Anhy.				
6310'	6500'	270'	Dolo., & Sand				
D. S. T. #1 - 5060' to 5140' - 2 hr. test, 3-1/2" D.P., 7/8" btm. & 1" top choke. Opened tool with good blow to surface, steadily increasing. Continued thru out test. No gas or fluid to surface. Recovered 1170' salt water out drilling fluid and 2300' salty sulphur water. Total of 24.56 bbls. fluid. Hydro In 2220', Hydro Out - 2219', IFP - 122#, FFP - 1682#, 1-1/2 hr. shut in 10 min. intervals - 1789, 1800, 1806, 1811, 1813, 1815, 1817, 1819, 1821.							

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.

November 14, 1963

Company or Operator Amerada Petroleum Corporation Address P.O. Box 668 - Hobbs, New Mexico
Name R. C. LaFollette Position or Title District Superintendent