

#2

Section 21

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

LIBRARY OFFICE OCC

WELL RECORD

1961 FEB 17 AM 9:35

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 NC NA

(Lease)

Well No. **2**, in **C-NE** ¼ of **NW** ¼, of Sec. **21**, T. **12-S**, R. **32-E**, NMPM.

North Caprock - Queen - ~~74~~ Pool, Lea County.

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

of Section 21..... If State Land the Oil and Gas Lease No. is..... E2062.....

Drilling Commenced 1-24-55, 1955 Drilling was Completed 1-29-55, 1955

Name of Drilling Contractor McQueen and Stout

Address.....1601 West Texas Midland, Texas

Elevation above sea level at Top of Tubing Head.....4371'..... The information given is to be kept confidential until
not confidential....., 19.....

OIL SANDS OR ZONES

No. 1, from 3017' to 3027' 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 None 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
8-5/8	24	New	179'	Guide			
5-1/2	15.5	New	3000'	Guide			

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	8-5/8	194'	100	Halliburton		
7-7/8	5-1/2	3014'	500	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole from 3014' to 3027' with 20,000 gallons frac-oil and 20,000# sand with maximum pump pressure of 3000#.

Result of Production Stimulation Well flowed 258.35 bbls oil, .30 bbls B.S., zero water in 8 hours
on 3/4" choke Gas volume - 173,000 CFPD GOR - 223 Gravity - 36.6 degrees 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 3027' feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Feb. 2, 1955

OIL WELL: The production during the first 24 hours was 530.34 barrels of liquid of which 99.4% was oil; .4% was emulsion; 0% water; and .2% was sediment. A.P.I. Gravity 36.6 degrees 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. 1430	T. Devonian.	T. Ojo Alamo.
T. Salt. 1507	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 2176	T. Montoya.	T. Farmington.
T. Yates. 2272	T. Simpson.	T. Pictured Cliffs.
T. ARTESIA RED 3008	T. McKee.	T. Menefee.
T. Queen. 3017	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash.	T. Mancos.
T. San Andres.	T. Granite.	T. Dakota.
T. Glorieta.	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	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	4	4	Cellar				
4	147	143	Sand - caliche				
147	1245	1098	Shale				
1245	1430	185	Sand & shale				
1430	1507	77	Anhydrite				
1507	2175	668	Salt & anhydrite				
2175	2270	95	Anhydrite - shale & salt				
2270	2400	130	Sand & shale				
2400	3008	608	Shale - anhydrite & salt				
3008	3012'	4	Sand				
3012	3017	5	Dolomite and anhydrite				
3017	3027	10	Sand				
	3027		Total Depth				

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.

Feb. 14, 1955 (Date)
Company or Operator Anasada Petroleum Corporation Address Bogwell Star Route Tatum, New Mexico
Name Original Signed By Position or Title Assistant District Superintendent
K. V. STEPHENSON