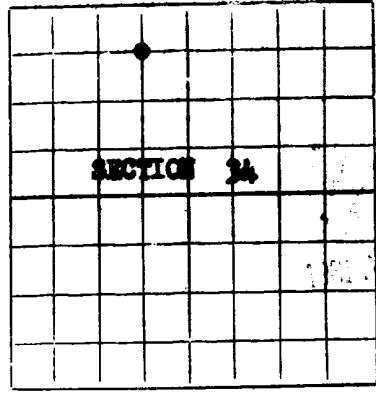


Rgs. 37-E



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12  
S

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. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Amerada Petroleum Corporation**  
(Company or Operator)

**Brady Lowe**  
(Lease)

Well No. **1**, in **NE** 1/4 of **NW** 1/4, of Sec. **34**, T. **12-S**, R. **37-E**, NMPM.

**Undesignated** Pool, **Lea** County.

Well is **660'** feet from **North Line** line and **1980'** feet from **West Line** line

of Section **34**. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced **June 21, 1961**, 19\_\_\_\_\_. Drilling was Completed **August 22, 1961**, 19\_\_\_\_\_.

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

Address **1110 Philtower - Tulsa, Oklahoma**

Elevation above sea level at Top of Tubing Head **3910' DF**. The information given is to be kept confidential until **Not Confidential**, 19\_\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **NONE** to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER BANDS

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	320'	Guide			
8-5/8"	2# & 32#	New & SH	4456'	Guide	837'		

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"	336	335	Halliburton		
12-1/4" & 11"	8-5/8"	4470'	1500	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

**NONE - Dry.**

Result of Production Stimulation **None**

Depth Cleaned Out **Plugged & Abandoned**

RECORD OF DRILL-STEM AND SPECIAL 1 8

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 12,404' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

PRODUCTION

**Plugged & Abandoned**  
 Put to Producing \_\_\_\_\_, 19\_\_\_\_\_  
 OIL WELL: The production during the first 24 hours was \_\_\_\_\_ barrels of liquid of which \_\_\_\_\_% was  
 was oil; \_\_\_\_\_% was emulsion; \_\_\_\_\_% 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):  
**SCHLUMBERGER TOPS**

Southeastern New Mexico		Northwestern New Mexico
T. Anhy..... 2220'	T. Devonian..... 12,391'	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates..... 3070'	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	T. McKee.....	T. Menefee.....
T. Queen.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres..... 4465'	T. Granite.....	T. Dakota.....
T. <del>XXXXX</del> Clearfork 6610'	T. _____	T. Morrison.....
T. Drinkard.....	T. Wolfeamp 9125'	T. Penn.....
T. Tubbs..... 7222'	T. _____	T. _____
T. Abo..... 7904'	T. _____	T. _____
T. Penn..... 9585'	T. _____	T. _____
T. <del>XXXX</del> Jones Ranch 11,630'	T. _____	T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0'	6'	6'	Cellar				
6'	2220'	2214'	Red Bed, Sand				
2220'	3070'	850'	Anhydrite & Salt				
3070'	4465'	1395'	Sand, Anhydrite & Salt				
4465'	5924'	1459'	Dolomite, Lims				
5924'	6610'	686'	Dolomite, Anhydrite, Sand				
6610'	7222'	612'	Dolomite				
7222'	7904'	682'	Dolomite & Sand				
7904'	9125'	1221'	Shale, Dolomite, Anhydrite				
9125'	9585'	460'	Dolomite, Lims				
9585'	11193'	1608'	Lims, Chert, Shale				
11193'	11630'	437'	Lims & Sand				
11630'	12280'	650'	Lims & Chert				
12280'	12391'	111'	Shale				
12391'	12404'	13'	Dolomite				
	12404'		Total Depth Drilled.				

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.

August 29, 1961

Company of Operator **Amrarda Petroleum Corporation**  
 Name *[Signature]*

Address **Roswell Star Route - Tatum, New Mexico**  
 Position or Title **Assistant District Superintendent**

RECORD OF DRILL STEM TEST

Drill Stem Test #1 - From 9560' to 9630', 2 Hour Test  $4\frac{1}{2}$ " DP  $5/8$ " Bottom & 1" Top Chokes, opened tool W/weak blow of air, increased to fair blow air in 15 minutes, fair blow of air through out test. no fluid or gas to surface. Closed tool for  $1\frac{1}{2}$  hrs BUP. Recovered 647' drlg. mud above TC Valve.

Drill Stem Test #2 - from 9642' to 9720', 2 hour test  $4\frac{1}{2}$ " DP  $5/8$ " Bottom & 1" Top chokes, Opened tool with strong blow air, strong blow air through out test, No fluid or gas to surface, closed tool for 1-1/2 hr BU. Recovered 188' Drilling mud, 4232' Salt Water above TC Valve.

Drill Stem Test #3 - from 11,488' to 11,556', 1 hr test  $4\frac{1}{2}$ " DP  $5/8$ " Bottom & 1" Top Chokes, Opened tool with 3 bubbles air & died, closed tool for 2 hours BU. Recovered 2000' Water Blanket 60' Drlg. mud above TC Valve, no show of oil or gas.

Drill Stem Test #4 - From 12,000' to 12,085', 2 hr. test,  $4\frac{1}{2}$ " DP  $5/8$ " Bottom & 1" Top chokes, opened tool with weak blow air, increased to good blow in 1 hr, gas to surface in 65 minutes, gas volume steady @ 47,293 cu ft. per day. Closed tool no fluid to surface. Recovered 2500' water blanket, 270' gas cut drlg. mud above water blanket valve, 93' heavy gas cut drlg. mud W/trace oil above TC Valve. No Shows formation water.

Drill Stem Test #5 - from 12,250' to 12,404', 2 hr. test,  $4\frac{1}{2}$ " DP  $5/8$ " Bottom & 1" Top Chokes, Opened tool with air bubbles in 1 minute and increased to good blow air in 5 minutes & continued good blow air through out test. Closed tool for  $1\frac{1}{2}$  hr BU. Recovered 2700' Water blanket, 350' salt water cut drlg. mud, & 5100' formation salt water above water blanket Valve & 1 barrel formation salt water between tool & water blanket valve. No shows oil or gas.

DEVIATION SURVEYS

201'	$3/4$ deg.
315'	$1/2$ deg.
1375'	$1/4$ deg.
1880'	$3/4$ deg.
2280'	$1/2$ deg.
2950'	$1/2$ deg.
3900'	1 deg.
4300'	0 deg.
4970'	$1/2$ deg.
5140'	1 deg.
5465'	1 deg.
5750'	$3/4$ deg.
5960'	1 deg.
6510'	$1-3/4$ deg.
6860'	2 deg.
7055'	1 deg.
7631'	$3/4$ deg.
7855'	1 deg.
8195'	1 deg.
8385'	$1-1/4$ deg.
8985'	$1-1/4$ deg.
9070'	1 deg.
9450'	2 deg.
9625'	2 deg.
9915'	2 deg.
10200'	1 deg.
10325'	1 deg.
10460'	$1-3/4$ deg.
10,585'	$1-1/2$ deg.
10,944'	2 deg.
11,030'	$1-1/4$ deg.
11,185'	$1-1/2$ deg.
11,350'	$1-3/4$ deg.
11,670'	$1-3/4$ deg.
11,750'	$1-3/4$ deg.
11,895'	$1-3/4$ deg.
11,975'	$2-3/4$ deg.
12,080'	$2-1/2$ deg.
12,170'	2 deg.
12,230'	3 deg.
12,320'	3 deg.

APPENDIX A

Drill stem test 42 - From 200' to 250' - 100' - 200' - 300' - 400' - 500' - 600' - 700' - 800' - 900' - 1000' - 1100' - 1200' - 1300' - 1400' - 1500' - 1600' - 1700' - 1800' - 1900' - 2000' - 2100' - 2200' - 2300' - 2400' - 2500' - 2600' - 2700' - 2800' - 2900' - 3000'

Drill stem test 43 - From 200' to 250' - 100' - 200' - 300' - 400' - 500' - 600' - 700' - 800' - 900' - 1000' - 1100' - 1200' - 1300' - 1400' - 1500' - 1600' - 1700' - 1800' - 1900' - 2000' - 2100' - 2200' - 2300' - 2400' - 2500' - 2600' - 2700' - 2800' - 2900' - 3000'

Drill stem test 44 - From 200' to 250' - 100' - 200' - 300' - 400' - 500' - 600' - 700' - 800' - 900' - 1000' - 1100' - 1200' - 1300' - 1400' - 1500' - 1600' - 1700' - 1800' - 1900' - 2000' - 2100' - 2200' - 2300' - 2400' - 2500' - 2600' - 2700' - 2800' - 2900' - 3000'

Drill stem test 45 - From 200' to 250' - 100' - 200' - 300' - 400' - 500' - 600' - 700' - 800' - 900' - 1000' - 1100' - 1200' - 1300' - 1400' - 1500' - 1600' - 1700' - 1800' - 1900' - 2000' - 2100' - 2200' - 2300' - 2400' - 2500' - 2600' - 2700' - 2800' - 2900' - 3000'

Drill stem test 46 - From 200' to 250' - 100' - 200' - 300' - 400' - 500' - 600' - 700' - 800' - 900' - 1000' - 1100' - 1200' - 1300' - 1400' - 1500' - 1600' - 1700' - 1800' - 1900' - 2000' - 2100' - 2200' - 2300' - 2400' - 2500' - 2600' - 2700' - 2800' - 2900' - 3000'

APPENDIX B

100'	1000'
200'	2000'
300'	3000'
400'	4000'
500'	5000'
600'	6000'
700'	7000'
800'	8000'
900'	9000'
1000'	10000'
1100'	11000'
1200'	12000'
1300'	13000'
1400'	14000'
1500'	15000'
1600'	16000'
1700'	17000'
1800'	18000'
1900'	19000'
2000'	20000'
2100'	21000'
2200'	22000'
2300'	23000'
2400'	24000'
2500'	25000'
2600'	26000'
2700'	27000'
2800'	28000'
2900'	29000'
3000'	30000'