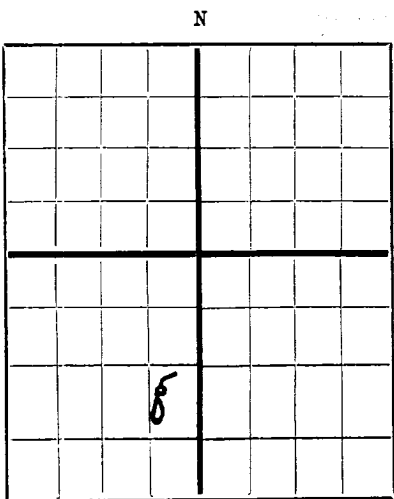




AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Amerada Petroleum Corporation** Box 2040, Tulsa, 2, Oklahoma.  
State F Lease Company or Operator Address  
Well No. 5 in S4 S4 of Sec. 36 T. 19S  
Lease R. 36E N. M. P. M. Wildcat Lea County.  
Well is 4495 feet south of the North line and 3300 feet west of the East line of Sect. 36-19S-36E  
If State land the oil and gas lease is No. B-869 Assignment No.  
If patented land the owner is. Address.  
If Government land the permittee is. Address.  
The Lessee is Amerada Petroleum Corporation Address Box 2040, Tulsa, 2, Okla.  
Drilling commenced May 2, 19 48 Drilling was completed November 2, 19 48  
Name of drilling contractor Noble Drilling Company Address Tulsa, Oklahoma.  
Elevation above sea level at top of casing 3580' feet.  
The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES  
No. 1, from 9890' to 9907' (Perforations) No. 4, from to  
No. 2, from 9907' to 9915' (Perforations) No. 5, from to  
No. 3, from 9915' to 9920' (Perforations) 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.

| SIZE    | WEIGHT PER FOOT | THREADS PER INCH | MAKE  | AMOUNT | KIND OF SHOE | CUT & FILLED FROM | PERFORATED |    | PURPOSE |
|---------|-----------------|------------------|-------|--------|--------------|-------------------|------------|----|---------|
|         |                 |                  |       |        |              |                   | FROM       | TO |         |
| 13 3/8" | 48              | 8 RT             | Sales | 187'   | Tex Pat.     |                   |            |    |         |
| 8 5/8"  | 28              | 8RT              | Sales | 2400'  | Float Shoe   |                   |            |    |         |
| 5 1/2"  | 17              | 8 RT             | Sales | 9978'  | Float Shoe   |                   |            |    |         |
|         |                 |                  |       |        |              |                   |            |    |         |
|         |                 |                  |       |        |              |                   |            |    |         |
|         |                 |                  |       |        |              |                   |            |    |         |
|         |                 |                  |       |        |              |                   |            |    |         |

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHODS USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|--------------|-------------|--------------------|
| 17 1/2"      | 13 3/8         | 187'      | 200                 | Halliburton  |             |                    |
| 11"          | 8 5/8          | 2400'     | 1300                | Halliburton  |             |                    |
| 7 3/4"       | 5 1/2          | 9978'     | 800                 | Halliburton  |             |                    |
|              |                |           |                     |              |             |                    |

PLUGS AND ADAPTERS  
Heaving plug—Material Length Depth Set  
Adapters — Material Size

| SIZE                                       | SHELL USED | EXPLOSIVE OR CHEMICAL USED | QUANTITY | DATE | DEPTH SHOT OR TREATED | DEPTH CLEANED OUT |
|--------------------------------------------|------------|----------------------------|----------|------|-----------------------|-------------------|
| 9890 to 9907' Perforated with 68 holes     |            |                            |          |      |                       |                   |
| 9907 to 9915' Perforated with 24 holes     |            |                            |          |      |                       |                   |
| 9915 to 9920' Perforated with 20 Holes     |            |                            |          |      |                       |                   |
| Results of shooting or chemical treatment. |            |                            |          |      |                       |                   |
|                                            |            |                            |          |      |                       |                   |
|                                            |            |                            |          |      |                       |                   |

RECORD OF DRILL-STEM AND SPECIAL TESTS  
See List attached  
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 10,255 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION  
Put to producing November 4, 19 48  
The production of the first 24 hours was 195.76 barrels of fluid of which 100 % was oil; none % emulsion; None % water; and None % sediment. Gravity, Be. 47° Corrected  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

EMPLOYEES  
Jack Lassiter Driller Jack Richardson Driller  
L. K. Randolph Driller C. W. Yoder Driller

FORMATION RECORD ON OTHER SIDE  
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.  
Subscribed and sworn to before me this 15 th day of November 19 48 Monument, New Mexico November 15, 1948  
Name Asst. Dist. Supt.  
Position Asst. Dist. Supt.  
Representing Amerada Pet. Corp., Company or Operator  
Address Drawer D, Monument, New Mexico.  
My Commission expires  
Notary Public

## FORMATION RECORD

| FROM   | TO     | THICKNESS<br>IN FEET | FORMATION             |
|--------|--------|----------------------|-----------------------|
| 0      | 37'    | 37'                  | Caliche               |
| 37'    | 191'   | 154'                 | Red Bed               |
| 191'   | 963'   | 772'                 | Red Bed               |
| 963'   | 1075'  | 112'                 | Anhydrite and Red Bed |
| 1075'  | 1090'  | 15'                  | Anhydrite             |
| 1090'  | 2260'  | 1170'                | Anhydrite and Salt    |
| 2260'  | 2407'  | 147'                 | Anhydrite             |
| 2407'  | 2432'  | 25'                  | Anhydrite             |
| 2432'  | 2524'  | 92'                  | Anhydrite and Gypsum  |
| 2524'  | 2548'  | 24'                  | Anhydrite and Lime    |
| 2548'  | 5600'  | 3052'                | Lime                  |
| 5600'  | 5630'  | 30'                  | Lime                  |
| 5630'  | 5680'  | 50'                  | Lime                  |
| 5680'  | 5706'  | 26'                  | Lime                  |
| 5706'  | 5716'  | 10'                  | Lime                  |
| 5716'  | 5726'  | 10'                  | Lime                  |
| 5726'  | 5736'  | 10'                  | Lime                  |
| 5736'  | 5746'  | 10'                  | Lime                  |
| 5746'  | 5768'  | 22'                  | Lime                  |
| 5768'  | 5887'  | 119'                 | Lime                  |
| 5887'  | 6375'  | 488'                 | Lime                  |
| 6375'  | 6559'  | 67'                  | Lime                  |
| 6559'  | 7109'  | 550'                 | Lime                  |
| 7109'  | 7904'  | 795'                 | Lime                  |
| 7904'  | 7909'  | 5'                   | Lime and Chert        |
| 7909'  | 8326'  | 417'                 | Lime                  |
| 8326'  | 8335'  | 9'                   | Lime and chert        |
| 8335'  | 9254'  | 919'                 | Lime                  |
| 9254'  | 9266'  | 12'                  | Lime and Chert        |
| 9266'  | 9288'  | 22'                  | Chert                 |
| 9288'  | 9300'  | 12'                  | Lime and Chert        |
| 9300'  | 9321'  | 21'                  | Lime                  |
| 9321'  | 9330'  | 9'                   | Dolomite              |
| 9330'  | 9342'  | 12'                  | Lime                  |
| 9342'  | 9360'  | 18'                  | Chert                 |
| 9360'  | 9402'  | 42'                  | Lime and Chert        |
| 9402'  | 9784'  | 382'                 | Lime                  |
| 9784'  | 9820'  | 36'                  | Shale and Lime        |
| 9820'  | 9833'  | 13'                  | Sand and Shale        |
| 9833'  | 9851'  | 18'                  | Shale and Lime        |
| 9851'  | 9858'  | 7'                   | Lime                  |
| 9858'  | 9881'  | 23'                  | Lime and Shale        |
| 9881'  | 9883'  | 2'                   | Lime                  |
| 9883'  | 9908'  | 25'                  | Lime and Sand         |
| 9908'  | 9913'  | 5'                   | Lime and Sand         |
| 9913'  | 9945'  | 32'                  | Lime Core #11         |
| 9945'  | 9973'  | 28'                  | Lime Core #12         |
| 9973'  | 10017' | 44'                  | Lime Core #13         |
| 10017' | 10060' | 43'                  | Lime                  |
| 10060' | 10129' | 69'                  | Lime                  |
| 10129' | 10141' | 12'                  | Lime and Sand         |
| 10141' | 10211' | 70'                  | Lime                  |
| 10211' | 10246' | 35'                  | Lime and Sand         |
| 10246' | 10251' | 5'                   | Lime                  |
| 10251' | 10255' | 4'                   | Granite               |
| 10255' | 9930'  |                      | Total Depth           |
|        |        |                      | Drilled out depth     |

GEOLOGICAL TOPS

|                         |        |
|-------------------------|--------|
| Elevation Derrick Floor | 3590'  |
| Elevation Ground        | 3580'  |
| Top of Anhydrite        | 980'   |
| Top of Salt             | 1070'  |
| Base of Salt            | 2250'  |
| Top Yates               | 2420'  |
| Base San Andres         | 5135'  |
| Top Clear Fork          | 5720'  |
| Top Tubbs               | 6295'  |
| Top Wichita             | 6905'  |
| Top Wolfcamp            | 7815'  |
| Top Devonian            | 8405'  |
| Top Montoya             | 9260'  |
| Top Simpson             | 9560'  |
| Top Ellenberger         | 10110' |
| Top Granite             | 10250' |
| Total Depth             | 10255' |
| Drilled out depth       | 9930'  |