

## 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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

John A. Yates

State

Well No. 1, in NE 1/4 of SW 1/4, of Sec. 5, T. 19 S., R. 23 E., NMPM.

Artesia

Pool,

addy

County.

Well is 2180 feet from South line and 280 feet from east line

of Section 5. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced 2/26, 1953 Drilling was Completed 4/2, 1953

Name of Drilling Contractor Walt J. Cluney

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head The information given is to be kept confidential until

, 19

## OIL SANDS OR ZONES

No. 1, from 1840 to 1854 No. 4, from to

No. 2, from 1912 to 1927 No. 5, from to

No. 3, from 2095 1996 to 2100 2004 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 395 to 404 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      |
|--------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 8-1/4" | 25 1/2          | Used        | 423'   |              |                     |              | Surface Pipe |
|        |                 |             |        |              |                     |              |              |
|        |                 |             |        |              |                     |              |              |

## MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10"          | 8-1/4"         | 423'      | 25 50 Sack          |             |             |                    |
|              |                |           |                     |             |             |                    |
|              |                |           |                     |             |             |                    |

## RECORD OF PRODUCTION AND STIMULATION

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

The well made five(5) Gallons per hour from 1912-1927

The well was hydraulically fractured from 2095-2100 by Haliburton

Result of Production Stimulation Five(5) barrels per hour after treatment

Depth Cleaned Out 2100

ORD OF DRILL-STEM AND SPECIAL TE

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

PRODUCTION

Put to Producing...1953

OIL WELL: The production during the first 24 hours was...barrels of liquid of which...% 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):

| Southeastern New Mexico |                | Northwestern New Mexico |  |
|-------------------------|----------------|-------------------------|--|
| T. Anhy.                | T. Devonian    | T. Ojo Alamo            |  |
| T. Salt.                | T. Silurian    | T. Kirtland-Fruitland   |  |
| B. Salt.                | T. Montoya     | T. Farmington           |  |
| T. Yates.               | 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           | 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    | 25'   | 25'               | Gyp and Caliche      | 1830 | 1971' | 141'              | Gray lime        |
| 25   | 110'  | 85'               | Red Rock             | 1971 | 1985' | 14'               | White Lime       |
| 110  | 305'  | 245'              | Red Bed              | 1985 | 1995' | 10'               | Course Gray lime |
| 305  | 395'  | 40'               | Anhy.                | 1995 | 2006' | 11'               | Soft Gray Line   |
| 395  | 400'  | 5'                | Sandy Lime           | 2006 | 2029' | 23'               | Hard Gray Li e   |
| 400  | 428'  | 28'               | Lime and Anhy.       | 2029 | 2058' | 29'               | Gray Line        |
| 428  | 650'  | 222'              | Anhy.                | 2058 | 2067' | 9'                | Sandy Gray line  |
| 650  | 915'  | 265'              | Anhy. and Red Rock   | 2067 | 2100' | 33'               | Gray Line        |
| 915  | 1145' | 230'              | Anhy.                |      |       |                   |                  |
| 1145 | 1205' | 60'               | Anhy. and lime       |      |       |                   |                  |
| 1205 | 1300' | 95'               | Anhy.                |      |       |                   |                  |
| 1300 | 1315' | 15'               | Red Rock             |      |       |                   |                  |
| 1315 | 1505' | 190'              | Anhy.                |      |       |                   |                  |
| 1505 | 1520' | 15'               | Red Sand             |      |       |                   |                  |
| 1520 | 1530' | 10'               | Red Sand             |      |       |                   |                  |
| 1530 | 1632' | 102'              | Anhy.                |      |       |                   |                  |
| 1632 | 1645' | 13'               | Line                 |      |       |                   |                  |
| 1645 | 1715' | 70'               | Anhy. and Red Rock   |      |       |                   |                  |
| 1715 | 1745' | 30'               | Anhy. and Sandy Lime |      |       |                   |                  |
| 1745 | 1780' | 35'               | Sandy Red Rock       |      |       |                   |                  |
| 1780 | 1820' | 40'               | Sandy lime           |      |       |                   |                  |
| 1820 | 1830' | 10'               | Red Rock             |      |       |                   |                  |

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 1, 1953 (Date)  
Company or Operator: John A. Yates Address: Artesia, New Mexico  
Name: John A. Yates Position or Title: Owner and Operator