

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD SEP 9 1959

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

John A. Yates State  
(Company or Operator) (Lease)

Well No. 6, in SE 1/4 of SE 1/4, of Sec. 5, T. 19 S., R. 28 E., NMPM.  
Artesia Pool, Eddy County.  
Well is 990 feet from South line and 990 feet from East line  
of Section 5. If State Land the Oil and Gas Lease No. is E-614.  
Drilling Commenced April 14, 1959 Drilling was Completed May 9, 1959.  
Name of Drilling Contractor Harvey E. Yates  
Address  
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 1940 to 1946 No. 4, from 2012 to 2016  
No. 2, from 1958 to 1964 No. 5, from to  
No. 3, from 1990 to 1994 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                                                  |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|----------------------------------------------------------|
| 8 5/8 " |                 |             | 470    |              |                     |              | Surface string                                           |
| 4 1/2 " |                 |             | 2050   |              |                     |              | 1940-46, 1958-64, 1990-94 and 2012-16. Production 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 |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 10"          | 8 5/8 "        | 470       | 50                  | Halliburton |             |                    |
|              | 4 1/2 "        | 2050      | 90                  | Halliburton |             |                    |

RECORD OF PRODUCTION AND STIMULATION

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

Fractured well with 870 Bbls. Lease oil, 100,000# Sand, 500# Adomite and 750 Gallons BDA

Result of Production Stimulation After recovering load oil, well made 36 barrels oil in 24 hours.  
Depth Cleaned Out

# RE ID OF DRILL-STEM AND SPECIAL TEST

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.....0.....feet to.....2050.....feet, and from.....feet to.....feet.

## PRODUCTION

Put to Producing.....June 1....., 1959...

OIL WELL: The production during the first 24 hours was.....36.....barrels of liquid of which.....100.....% 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):

### 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.....1538.....    | T. Ellenburger..... | T. Point Lookout.....      |
| T. Grayburg.....1909..... | 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<br>in Feet | Formation        | From | To           | Thickness<br>in Feet | Formation  |
|------|------|----------------------|------------------|------|--------------|----------------------|------------|
| 0    | 15   | 15                   | Caliche          | 1950 | 1961         | 11                   | Sandy lime |
| 15   | 150  | 135                  | Sand             | 1961 | 1995         | 34                   | Lime       |
| 150  | 265  | 115                  | Red Bed          | 1995 | 2043         | 48                   | Sandy lime |
| 265  | 385  | 120                  | Red Rock         | 2043 | 2050         | 7                    | Lime       |
| 385  | 431  | 46                   | Anhydrite        | 2050 | Total Depth. |                      |            |
| 431  | 442  | 11                   | Sand             |      |              |                      |            |
| 442  | 1010 | 568                  | Anhydrite        |      |              |                      |            |
| 1010 | 1215 | 205                  | Anhydrite & lime |      |              |                      |            |
| 1215 | 1317 | 102                  | Lime             |      |              |                      |            |
| 1317 | 1328 | 11                   | Anhydrite        |      |              |                      |            |
| 1328 | 1338 | 10                   | Lime             |      |              |                      |            |
| 1338 | 1418 | 80                   | Broken Anhydrite |      |              |                      |            |
| 1418 | 1550 | 132                  | Lime             |      |              |                      |            |
| 1550 | 1591 | 41                   | Red Sand         |      |              |                      |            |
| 1591 | 1620 | 29                   | Anhydrite        |      |              |                      |            |
| 1620 | 1672 | 52                   | Lime             |      |              |                      |            |
| 1672 | 1685 | 13                   | Anhydrite        |      |              |                      |            |
| 1685 | 1742 | 57                   | Lime             |      |              |                      |            |
| 1742 | 1760 | 18                   | Anhydrite        |      |              |                      |            |
| 1760 | 1814 | 54                   | Lime             |      |              |                      |            |
| 1814 | 1823 | 9                    | Sand             |      |              |                      |            |
| 1823 | 1950 | 127                  | Lime             |      |              |                      |            |

OIL CONSERVATION COMMISSION  
ARTESIA DISTRICT OFFICE

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DEPT. OF MINES

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 26, 1959. (Date)

Company or Operator.....John A. Yates.....

Address.....323 Carper Bldg.,.....

Name.....Nelly Border.....

Position or Title.....Bookkeeper.....