

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |                                     |
|------------------------|-------------------------------------|
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| DISTRIBUTION           |                                     |
| SANTA FE               | <input checked="" type="checkbox"/> |
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| LAND OFFICE            | <input checked="" type="checkbox"/> |
| OPERATOR               |                                     |

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
LG 3591

1. TYPE OF WELL B/M

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator Yates Petroleum Corporation

4. Address of Operator 207 South 4th St., Artesia, NM 88210

5. Location of Well

6. LETTER E LOCATED 1650 FEET FROM THE North LINE AND 330 FEET FROM

West LINE OF SEC. 32 TWP. 6S RGE. 26E NMPM

7. Date Spudded 7-15-82 16. Date T.D. Reached 7-19-82 17. Date Compl. (Ready to Prod.) 8-14-82 18. Elevations (DF, RKB, RT, GR, etc.) 3660' GR

19. Elev. Casinghead 1150' 20. Plug Back T.D. 1109' 21. Multiple Compl., How Many 0-1150'

22. Producing Interval(s), of this completion - Top, Bottom, Name 963-976' San Andres

23. Type Electric and Other Logs Run Gamma Ray-Neutron

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 10-3/4"                                        |                | 100'      |           |                  |               |
| 7"                                             | 20#            | 842'      | 9-7/8"    | 400              |               |
| 4-1/2"                                         | 9.5#           | 1150'     | 6-1/4"    | 125              |               |

| LINER RECORD |     |        |              | 30. TUBING RECORD |        |           |            |
|--------------|-----|--------|--------------|-------------------|--------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
|              |     |        |              |                   | 2-3/8" | 900'      |            |

| Perforation Record (Interval, size and number) |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|------------------------------------------------|--|--|--|------------------------------------------------|-------------------------------|
|                                                |  |  |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| 963-976' (1 SPF) w/14 .50" holes               |  |  |  | 963-976'                                       | w/1500 g. 15% NEFE acid.      |
|                                                |  |  |  |                                                | SF w/40000 g. gel KCL wtr,    |
|                                                |  |  |  |                                                | 90000# 20/40 sd.              |

| PRODUCTION            |                 |                                                                     |                         |            |              |                           |                                |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|---------------------------|--------------------------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              |                           | Well Status (Prod. or Shut-in) |
| 8-10-82               |                 | Pumping                                                             |                         |            |              |                           | Producing                      |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio                |
| 8-15-82               | 24              | -                                                                   |                         | 20         | TSTM         | 40 BLW                    | -                              |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                                |
| -                     | -               |                                                                     | 20                      | TSTM       | 40 BLW       | 30.7°                     |                                |

4. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM Test Witnessed By Joe Hightower

5. List of Attachments Deviation Survey

6. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED [Signature] TITLE Engineering Secretary DATE 8-17-82

# INSTRUCTIONS

This form is to be filled with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                          |                        |                             |                         |
|--------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 490  | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from _____ to _____ | 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 _____ to _____ feet | _____ |
| No. 2, from _____ to _____ feet | _____ |
| No. 3, from _____ to _____ feet | _____ |
| No. 4, from _____ to _____ feet | _____ |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--------------------------|------|----|----------------------|-----------|
| 0    | 190  | 190                  | Surface, Gravel, Redbeds |      |    |                      |           |
| 190  | 500  | 310                  | Salt, Sand               |      |    |                      |           |
| 500  | 700  | 200                  | Dolomite, Salt, Shale    |      |    |                      |           |
| 700  | 955  | 255                  | Shale, Dolomite          |      |    |                      |           |
| 955  | 1150 | 195                  | Dolomite                 |      |    |                      |           |

RECEIVED

AUG 18 1982

O. C. D.  
ARTESIA OFFICE

# ARTESIA FISHING TOOL COMPANY

P. O. BOX 647 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

July 21, 1982

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, NM 88210

Re: Tamarack QF State #2  
330' FSL & 1650' FWL  
Sec. 32, T6S, R26E  
Chaves County, NM 88210

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 495'  | 1/4°      |
| 842'  | 1/4°      |
| 1150' | 1/2°      |

Very truly yours,



B. N. Muncy Jr.  
Secretary

RECEIVED

AUG 18 1982

O. C. D.  
ARTESIA, OFFICE

STATE OF NEW MEXICO  
COUNTY OF EDDY

§  
§

The foregoing was acknowledged before me this 21st day of July, 1982.

