

|             |   |   |
|-------------|---|---|
| SANTA FE    | 1 |   |
| FILE        | 1 | ✓ |
| U.S.G.S.    | 2 |   |
| LAND OFFICE | 1 |   |
| OPERATOR    |   |   |

NEW MEXICO OIL CONSERVATION **RECEIVED**  
WELL COMPLETION OR RECOMPLETION REPORT ID LOG

MAY 22 1980

O. C. D.

10. TYPE OF WELL

ARTESIA, OFFICE

b. TYPE OF COMPLETION

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

11. Name of Operator

Yates Petroleum Corporation ✓

12. Address of Operator

207 South 4th Street - Artesia, NM 88210

13. Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

THE West LINE OF SEC. 2 TWP. 19S RGE. 25E NNPM

15. Date Spudded 4-6-80 16. Date T.D. Reached 5-11-80 17. Date Compl. (Ready to Prod.) 5-20-80 18. Elevations (DF, RKB, RT, GR, etc.) 3438' GR 19. Elev. Casinghead

20. Total Depth 9260' 21. Plug Back T.D. WL 9191' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-9260' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

8976'-9005' Morrow

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CML/FDC, D11

27. Was Well Cased

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB. FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13-3/8"     | 48#            | 398'      | 17 1/2"   | 400 sacks        |               |
| 8-5/8"      | 24#            | 1162'     | 12 1/4"   | 715 sacks        |               |
| 5 1/2"      | 17# & 15.5#    | 9249'     | 7-7/8"    | 685 sacks        |               |

29. LINER RECORD

30. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-7/8" | 8941'     | 8941'      |

31. Perforation Record (Interval, size and number)

8976-9005' w/100 .42" holes (4spf)

8976-8992' (64 holes)

8996-9005' (36 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

Natural

33. PRODUCTION

|                                  |                                                                                |                              |                              |                   |                                           |                           |                 |
|----------------------------------|--------------------------------------------------------------------------------|------------------------------|------------------------------|-------------------|-------------------------------------------|---------------------------|-----------------|
| Date First Production<br>5-20-80 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                              |                              |                   | Well Status (Prod. or Shut-in)<br>SIWOPLC |                           |                 |
| Date of Test<br>5-20-80          | Hours Tested<br>1                                                              | Choke Size<br>1/2"           | Prod'n. Per Test Period<br>→ | Oil - Bbl.<br>→   | Gas - MCF<br>200                          | Water - Bbl.<br>→         | Gas - Oil Ratio |
| Flow Tubing Press.<br>800#       | Casing Pressure<br>Pkr                                                         | Calculated 24-Hour Rate<br>→ | Oil - Bbl.<br>→              | Gas - MCF<br>4800 | Water - Bbl.<br>→                         | Oil Gravity - API (Corr.) |                 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented will be Sold

Test Witnessed By

Harvey Apple

35. List of Attachments

DST's

36. 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

Geol. Secty

DATE 5-22-80

This form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 sectionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 20 through 34 shall be reported for each zone. The form is to be filled in quintuplicate 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 <u>LWR 7560</u>    | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____               | T. Strawn <u>8170</u>        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____               | T. Atoka <u>8600</u>         | 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 <u>844</u>    | T. Simpson _____             | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta <u>2230</u>     | T. McKee _____               | Base Greenhorn _____        | T. Granite _____        |
| T. Payson <u>Yeso 2288</u>  | T. Ellenburger _____         | T. Dakota _____             | T. _____                |
| T. Blinberry _____          | T. Gr. Wash _____            | T. Morrison _____           | T. _____                |
| T. Tubb _____               | T. Granite _____             | T. Todilto _____            | T. _____                |
| T. Drinkard _____           | T. Delaware Sand _____       | T. Entrada _____            | T. _____                |
| T. Abo <u>4266</u>          | T. Bone Springs _____        | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____           | T. <u>Morrow LS 8783</u>     | T. Chinle _____             | T. _____                |
| T. Penn. _____              | T. <u>Mrwr Clastics 8899</u> | T. Permian _____            | T. _____                |
| T. Cisco <u>Payson 7146</u> | T. <u>Chester LS 9204</u>    | 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 in Feet | Formation      | From | To | Thickness in Feet | Formation |
|------|------|-------------------|----------------|------|----|-------------------|-----------|
| 0    | 403  | 403               | Surface & rock |      |    |                   |           |
| 403  | 2525 | 2122              | Lime & Anhy    |      |    |                   |           |
| 2525 | 3590 | 1065              | Lime           |      |    |                   |           |
| 3590 | 4197 | 607               | Lime & shale   |      |    |                   |           |
| 4197 | 5115 | 918               | Lime           |      |    |                   |           |
| 5115 | 5195 | 80                | Lime & shale   |      |    |                   |           |
| 5195 | 5450 | 255               | Lime           |      |    |                   |           |
| 5450 | 7692 | 2242              | Lime & shale   |      |    |                   |           |
| 7692 | 8183 | 491               | Lime           |      |    |                   |           |
| 8183 | 9142 | 959               | Lime & shale   |      |    |                   |           |
| 9142 | 9260 | 118               |                |      |    |                   |           |

RECEIVED

MAY 22 1980

O. C. D.  
ARTESIA, OFFICE

DRILL STEM TESTS

Yates Petroleum Corporation  
Rio Penasco "KD" Com #1  
Section 2-19S-25E  
Eddy County, New Mexico

DST #1 - 5685-5821' - TO 30", SI 99", TO 60", SI 120". Recovered 900' DF. Sampler: 50 psi, no gas, 600 cc DF. BHT 108 degrees. Pressures: HP 2611-2611; IFP 344-370; ISIP 2426; FFP 397-450; FSIP 2400.

DST #2 - 6440-6782'. TO 30", SI 60", TO 60", SI 210". Opened tool w/good blow on 3/8" choke, GTS in 7 minutes. Max gas 918 MCF. Reopened tool w/good blow. GTS immediately. Recovered: 60' condensate, 668' drilling fluid. Sampler: 600 psi, 3.840 cfg, 100 cc settled out drilling fluid. BHT 122 deg. Pressures: HP 3130-3116; IFP 296-510; ISIP 3000; FFP 440-618; FSIP 2947.

DST #3 - 7365-7550' - TO 30", SI 90", TO 60", SI 120". Tool opened w/very weak blow. No gts. Reopened tool w/weak blow. No gts. Recovered 270' of DF. Sampler 0#, 550 cc DF, no gas, BHT 133 degrees. Pressures: HP 3537-3537; IFP 172-185; ISIP 291; FFP 185-198; FSIP 238.