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**RECEIVED**  
NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
**FEB 19 1979**

**O. C. C.**  
**ARTESIA, OFFICE**

|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| L-6287                                                                 |

|                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. TYPE OF WELL                                                                                                                                                                                                         |
| OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                               |
| b. TYPE OF COMPLETION                                                                                                                                                                                                    |
| NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. PRESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |

|                        |
|------------------------|
| 7. Unit Agreement Name |
| 8. Farm or Lease Name  |
| Irish Hills "JE" St.   |
| 9. Well No. Com        |
| 1                      |

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
207 South Fourth Street - Artesia, NM 88210

4. Location of Well  
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM

10. Field and Pool, or Wildcat  
Und. Boyd Morrow

THE East LINE OF SEC. 12 TWP. 19S RGE. 24E NMPM

11. County  
Eddy

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 12-3-78          | 1-7-79                | 1-19-79                          | 3604' GR                               | 3604                 |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | 23. Rotary Tools     |
| 9093'            | WLPBTD 9045'          |                                  | 0-9093'                                | Cable Tools          |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
8931-8942' Morrow

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNL/FDC & DLL

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#            | 404'      | 17-1/2"   | 250 sacks        |               |
| 8-5/8"                                             | 24#            | 925'      | 12-1/4"   | 1200 sacks       |               |
| 4-1/2"                                             | 11.6 & 10.5#   | 9093'     | 7-7/8"    | 500 sacks        |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-3/8"            | 8900'     | 8900       |

| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                      |
|----------------------------------------------------|--|------------------------------------------------|--------------------------------------|
|                                                    |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED        |
| 8931-8942' w/22 .34" holes                         |  | 8931-8942'                                     | 2500 gallons 7 1/2% MSA and nitrogen |

| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 1-19-79               |                 | Flowing                                                             |                         |            |              | SI - WOPLC                     |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 1-19-79               | 2               | 1/2"                                                                | TSTM                    | 250        | None         |                                |                 |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 460                   | packer          | TSTM                                                                | 3000                    | None       |              |                                |                 |

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

Test Witnessed By  
H. S. Apple

35. List of Attachments  
Deviation surveys

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 Eddie M. Hays TITLE Engineer DATE 2-16-79

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 by this. In the case of sectionally 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 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. Lower Canyon <u>7501</u>  | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____            | T. Strawn <u>8140</u>        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | T. Atoka <u>8517</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>458</u> | T. Simpson _____             | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta <u>1832</u>  | T. McKee _____               | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | 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>3943</u>       | T. Bone Springs _____        | T. Wingate _____            | T. _____                |
| T. Wolfcamp <u>5286</u>  | T. Mrrw Clastics <u>8801</u> | T. Chinle _____             | T. _____                |
| T. Penn. _____           | T. Chester <u>9021</u>       | 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 in Feet | Formation       | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-----------------|------|----|-------------------|-----------|
| 0    | 499  | 499               | Surface rock    |      |    |                   |           |
| 499  | 950  | 451               | Sand and redbed |      |    |                   |           |
| 950  | 1259 | 309               | Lime            |      |    |                   |           |
| 1259 | 1558 | 299               | Lime and sand   |      |    |                   |           |
| 1558 | 1769 | 211               | Lime            |      |    |                   |           |
| 1769 | 2085 | 316               | Lime and sand   |      |    |                   |           |
| 2085 | 2257 | 172               | Lime            |      |    |                   |           |
| 2257 | 2590 | 333               | Lime and sand   |      |    |                   |           |
| 2590 | 2944 | 354               | Lime            |      |    |                   |           |
| 2944 | 8111 | 5167              | Lime and shale  |      |    |                   |           |
| 8111 | 8151 | 40                | Shale           |      |    |                   |           |
| 8151 | 9033 | 882               | Lime and shale  |      |    |                   |           |
| 9033 | 9093 | 60                | Shale           |      |    |                   |           |