

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| LG 5078                                                                |

|                       |                                              |                                              |                                 |                                    |                                     |                                |           |
|-----------------------|----------------------------------------------|----------------------------------------------|---------------------------------|------------------------------------|-------------------------------------|--------------------------------|-----------|
| 1a. 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. NEED <input type="checkbox"/> | OTHER <input type="checkbox"/> | TITE HOLE |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Farm or Lease Name          |
| Night Owl AFA State Com        |
| 9. Well No.                    |
| 1                              |
| 10. Field and Pool, or Wildcat |
| South Pecos Slope Abo          |

|                        |                                                            |              |      |               |              |      |      |      |      |     |      |
|------------------------|------------------------------------------------------------|--------------|------|---------------|--------------|------|------|------|------|-----|------|
| 2. Name of Operator    | Yates Petroleum Corporation                                |              |      |               |              |      |      |      |      |     |      |
| 3. Address of Operator | 105 South 4th St., Artesia, NM 88210                       |              |      |               |              |      |      |      |      |     |      |
| 4. Location of Well    | O. C. D.<br>ARTESIA OFFICE<br>South LINE AND 660 FEET FROM |              |      |               |              |      |      |      |      |     |      |
| UNIT LETTER            | I                                                          | LOCATED      | 1980 | FEET FROM THE | LINE OF SEC. | 22   | TWP. | 9S   | RGE. | 26E | HMPA |
| THE                    | East                                                       | LINE OF SEC. | 22   | TWP.          | 9S           | RGE. | 26E  | HMPA |      |     |      |

|            |        |
|------------|--------|
| 12. County | Chaves |
|------------|--------|

|                                                                   |                |                       |        |                                  |         |                                        |                |                      |                                 |    |
|-------------------------------------------------------------------|----------------|-----------------------|--------|----------------------------------|---------|----------------------------------------|----------------|----------------------|---------------------------------|----|
| 15. Date Spudded                                                  | 1-24-88        | 16. Date T.D. Reached | 2-6-88 | 17. Date Compl. (Ready to Prod.) | 2-25-88 | 18. Elevations (DF, RKB, RT, GR, etc.) | 3774.3' GR     | 19. Elev. Casinghead |                                 |    |
| 20. Total Depth                                                   | 5400'          | 21. Plug Back T.D.    | 5347'  | 22. If Multiple Compl., How Many |         | 23. Intervals Drilled By               | Rotary Tools X | Cable Tools          |                                 |    |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name | 4676-4790' Abo |                       |        |                                  |         |                                        |                |                      | 25. Was Directional Survey Made | No |
| 26. Type Electric and Other Logs Run                              | CNL/FDC; DLL   |                       |        |                                  |         |                                        |                |                      | 27. Was Well Cored              | No |

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 20"                                            |                | 38'       | 26"       | Redi-mix         | Post ID-2     |
| 8-5/8"                                         | 24#            | 1040'     | 12 1/4"   | 475 sx           | 4-1-88        |
| 4-1/2"                                         | 9.5#           | 5400'     | 7-7/8"    | 500 sx           | comp & BK     |

| LINER RECORD |     |        |              |        | TUBING RECORD |           |            |
|--------------|-----|--------|--------------|--------|---------------|-----------|------------|
| SIZE         | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE          | DEPTH SET | PACKER SET |
|              |     |        |              |        | 2-7/8"        | 4652'     | 4652'      |

|                                                    |                                                |                                |
|----------------------------------------------------|------------------------------------------------|--------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                |
| 4676-4790' w/15 .42" Holes                         | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED  |
|                                                    | 4676-4790'                                     | w/1250 g. 7 1/2% acid. SF w/   |
|                                                    |                                                | 40000g. gel KCL + 80000# 20/40 |
|                                                    |                                                | sd.                            |

| PRODUCTION                |                 |                                                                      |                         |            |              |                                |                 |
|---------------------------|-----------------|----------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. Date First Production |                 | Production Method (Flowing, gas lift, pumping -- Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 2-25-88                   |                 | Flowing                                                              |                         |            |              | SIWOPLC                        |                 |
| Date of Test              | Hours Tested    | Choke Size                                                           | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 2-25-88                   | 24              | 1/2"                                                                 |                         | -          | 410          | -                              | -               |
| Flow Tubing Press.        | Casing Pressure | Calculated 24-Hour Rate                                              | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 65 psi                    | PKR             |                                                                      | -                       | 410        | -            | -                              |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Vented - Will be sold                                      | Don Mayberry      |

|                         |
|-------------------------|
| 35. List of Attachments |
| Deviation Survey, Logs  |

|                                                                                                                                         |                       |        |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------|
| 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                                                                                                                                  | TITLE                 | DATE   |
| <i>Don Mayberry</i>                                                                                                                     | Production Supervisor | 3-3-88 |

# INSTRUCTIONS

This form is to be filed 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 radioactivity 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"     |
| T. 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 1040           | T. Simpson       | T. Gallup             | T. Ignacio Qtzte |
| T. Glorieta 2170             | T. McKee         | Base Greenhorn        | T. Granite       |
| T. <del>Pack</del> YESO 2244 | T. Ellenburger   | T. Dakota             | T.               |
| T. Blinberry                 | T. Gr. Wash      | T. Morrison           | T.               |
| T. Tubb                      | T. Granite       | T. Todillo            | T.               |
| T. Drinkard                  | T. Delaware Sand | T. Entrada            | T.               |
| T. Abo 4422                  | T. Bone Springs  | T. Wingate            | T.               |
| T. Wolfcamp 5106             | T.               | T. Chinle             | T.               |
| T. Penn.                     | T.               | T. Permian            | T.               |
| T. Cisco (Hough 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    | 40   | 40                | Surface Rock, Sand      |      |    |                   |           |
| 40   | 1040 | 1000              | Anhy, Redbeds           |      |    |                   |           |
| 1040 | 2415 | 1375              | Anhy                    |      |    |                   |           |
| 2415 | 3450 | 1035              | Anhy, Salt              |      |    |                   |           |
| 3450 | 4100 | 650               | Anhy, Sd. Dolo          |      |    |                   |           |
| 4100 | 4249 | 149               | Anhy, Dolo, Tr Shale    |      |    |                   |           |
| 4249 | 4335 | 86                | Anhy, Dolo, Tr Sh, Sand |      |    |                   |           |
| 4335 | 4410 | 75                | Anhy, Dolo, Shale       |      |    |                   |           |
| 4410 | 5268 | 858               | Shale                   |      |    |                   |           |
| 5268 | 5400 | 132               | Dolo, Sh, Lime          |      |    |                   |           |

# ARTESIA FISHING TOOL COMPANY

P. O. BOX 66X PHONE (505) 746-6651

470

ARTESIA, NEW MEXICO 88210

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February 16, 1988

MAR 04 '88

Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, NM 88210

O. C. D.  
ARTEIA, NM

Re: Night Owl AFA State Com #1  
1980' FSL & 660' FEL  
Sec. 22, T9S, R26E  
Chaves County, New Mexico

Gentlemen:

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

| DEPTH | DEVIATION |
|-------|-----------|
| 916'  | 3/4°      |
| 1409' | 3/4°      |
| 1904' | 3/4°      |
| 2398' | 1/2°      |
| 2894' | 1/2°      |
| 3419' | 1/2°      |
| 3917' | 1/4°      |
| 4380' | 3/4°      |
| 4844' | 1 1/4°    |
| 5400' | 1°        |

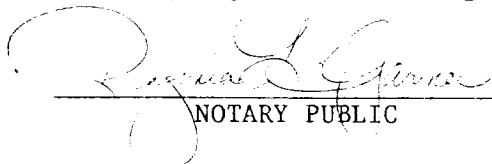
Very truly yours,



B. N. Muncy Jr.  
Secretary

STATE OF NEW MEXICO §  
COUNTY OF EDDY §

The foregoing was acknowledged before me this 16th day of February, 1988.

  
\_\_\_\_\_  
NOTARY PUBLIC