

## OIL CONSERVATION DIVISION

P.O. BOX 2034

SANTA FE, NEW MEXICO 87501

API #30-005-62579

Well Identification Number

State ☒ New MexicoForm ☐

L-3086

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JAN 22 '88

|                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|------------------------------------------------------|--|--------------------------------------------------------|--|
| 1. TYPE OF WELL<br>a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 2. Name of Operator<br>Yates Petroleum Corporation ✓                            |  | 3. Address of Operator<br>105 South 4th St., Artesia, NM 88210 |  | 4. Location of Well<br>UNIT LETTER A LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 2 TWP. 10S RGE. 25E NMPM |  | 5. Form of Lease Name<br>Erickson KY State |  | 6. Well No.<br>2                                     |  | 7. Field and Pool, or Wildcat<br>South Pecos Slope Abo |  |
| 12. Date Spudded<br>12-20-87                                                                                                                                                                                                                                                                                                                                                                                                         |  | 13. Date T.D. Reached<br>1-2-88                                                 |  | 14. Date Compl. (Ready to Prod.)<br>1-15-88                    |  | 15. Elevations (DF, RKB, RT, GR, etc.)<br>3635.4' GR                                                                                       |  | 16. Elev. Casinghead                       |  | 17. County<br>Chaves                                 |  | 18. Was Directional Survey Made<br>NO                  |  |
| 19. Total Depth<br>4500'                                                                                                                                                                                                                                                                                                                                                                                                             |  | 20. Plug Back T.D.<br>4460'                                                     |  | 21. If Multiple Compl., How Many                               |  | 22. Intervals Drilled By<br>Rotary Tools X                                                                                                 |  | 23. Cable Tools                            |  | 24. Type Electric and Other Logs Run<br>CNL/FDC; DLL |  | 25. Was Well Cored<br>NO                               |  |
| 26. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                          |  | WEIGHT LB./FT.                                                                  |  | DEPTH SET                                                      |  | HOLE SIZE                                                                                                                                  |  | CEMENTING RECORD                           |  | AMOUNT PULLED                                        |  |                                                        |  |
| 20"                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                 |  | 40'                                                            |  | 26"                                                                                                                                        |  | Redi-Mix                                   |  |                                                      |  |                                                        |  |
| 8-5/8"                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 24#                                                                             |  | 1005'                                                          |  | 12-1/4"                                                                                                                                    |  | 600 sx                                     |  |                                                      |  |                                                        |  |
| 4-1/2"                                                                                                                                                                                                                                                                                                                                                                                                                               |  | 9.5#                                                                            |  | 4500'                                                          |  | 7-7/8"                                                                                                                                     |  | 675 sx                                     |  |                                                      |  |                                                        |  |
| 27. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | TOP                                                                             |  | BOTTOM                                                         |  | SACKS CEMENT                                                                                                                               |  | SCREEN                                     |  | TUBING RECORD                                        |  | PACKER SET                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  | 2-3/8"                                               |  | 4020'                                                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 28. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 4091-4374' w/25 .42" Holes                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| DEPTH INTERVAL                                                                                                                                                                                                                                                                                                                                                                                                                       |  | AMOUNT AND KIND MATERIAL USED                                                   |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 4091-4374'                                                                                                                                                                                                                                                                                                                                                                                                                           |  | w/1750 g. 7 1/2% NEFE acid. SF                                                  |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | w/60000g. gel KCL wtr, 98000#                                                   |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 20/40 sd.                                                                       |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 30. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| Date First Production<br>1-15-88                                                                                                                                                                                                                                                                                                                                                                                                     |  | Production Method (Flowing, gas lift, pumping -- Size and type pump)<br>Flowing |  |                                                                |  |                                                                                                                                            |  | Well Status (Prod. or Shut-in)<br>SIWOPLC  |  |                                                      |  |                                                        |  |
| Date of Test<br>1-15-88                                                                                                                                                                                                                                                                                                                                                                                                              |  | Flowing Pressure<br>24                                                          |  | Choke Size<br>1/2"                                             |  | Oil - BBL.<br>-                                                                                                                            |  | Gas - MCF<br>582                           |  | Water - BBL.<br>-                                    |  | Gas - Oil Ratio<br>-                                   |  |
| Flowing Tubing Press.<br>80                                                                                                                                                                                                                                                                                                                                                                                                          |  | Flowing Pressure<br>PKR                                                         |  | Estimated 24-Hour Rate<br>-                                    |  | Oil - BBL.<br>-                                                                                                                            |  | Gas - MCF<br>582                           |  | Water - BBL.<br>-                                    |  | Oil - Water - Gas Ratio (Corr.)<br>-                   |  |
| 31. Disposition of Casing (Use for well, vented, etc.)<br>Will be sold                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  | 32. Test Witnessed By<br>Bill Hansen                 |  |                                                        |  |
| 33. List of Attachments<br>Deviation Survey, Logs                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| 34. I hereby certify that the information shown on this log is true and complete to the best of my knowledge and belief                                                                                                                                                                                                                                                                                                              |  |                                                                                 |  |                                                                |  |                                                                                                                                            |  |                                            |  |                                                      |  |                                                        |  |
| SIGNATURE<br>[Signature]                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                 |  |                                                                |  | Production Supervisor                                                                                                                      |  |                                            |  | DATE<br>1-20-88                                      |  |                                                        |  |

### INSTRUCTIONS

[illegible]

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

## Northwestern New Mexico

|                                       |                        |                             |                         |
|---------------------------------------|------------------------|-----------------------------|-------------------------|
| T. Ashy _____                         | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____                         | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| U. 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 _____ 615               | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____ 1712                | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. <del>Paddock</del> YESO _____ 1780 | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Ellettsby _____                    | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____                         | T. Granite _____       | T. To-filto _____           | T. _____                |
| T. Drinkard _____                     | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____ 3957                     | 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    | 319  | 319                  | Surface, Redbeds |      |    |                      |           |
| 319  | 799  | 480                  | Redbeds          |      |    |                      |           |
| 799  | 1057 | 258                  | Anhy             |      |    |                      |           |
| 1057 | 2400 | 1343                 | Salt, Anhy       |      |    |                      |           |
| 2400 | 3220 | 820                  | Anhy, Salt, Sd   |      |    |                      |           |
| 3220 | 3701 | 481                  | Anhy, Salt       |      |    |                      |           |
| 3701 | 3832 | 131                  | Dolo, Lm, Shale  |      |    |                      |           |
| 3832 | 3923 | 91                   | Dolo, Lm, Salt   |      |    |                      |           |
| 3923 | 4500 | 577                  | Shale            |      |    |                      |           |



# GRANDE DRILLING CORPORATION

100 White Building  
P.O. Box 2487  
Roswell, New Mexico 88201  
505/623-9537

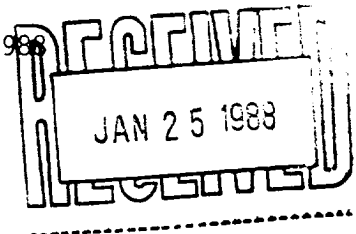


RECEIVED

JAN 26 1988

O. C. O.  
ARTESIA OFFICE

January 19, 1988



Yates Petroleum Corporation  
105 South 4th  
Artesia, NM 88210

Re: Erickson 'KY' State #2  
Section 2, T10S, R25E  
660 FNL - 660 FEL)  
Chaves County, NM

Spud 12/22/87

## DEVIATION SURVEY

|        |   |       |
|--------|---|-------|
| 1°     | @ | 494'  |
| 1°     | @ | 1005' |
| 1°     | @ | 1588' |
| 1-1/4° | @ | 2058' |
| 1-1/4° | @ | 2552' |
| 3/4°   | @ | 3048' |
| 3/4°   | @ | 3543' |
| 3/4°   | @ | 4039' |
| 1°     | @ | 4500' |

TD - 4500'  
Released - 1/4/88

Sincerely,

J.C. Johnson  
President

STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing instrument was acknowledged before me this 19th day of January, 1988, by the person known to me to be J.C. Johnson.

My Commission Expires:

3-31-89

Notary Public