

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

|                        |                                     |
|------------------------|-------------------------------------|
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| U.S.G.S.               | <input checked="" type="checkbox"/> |
| LAND OFFICE            | <input checked="" type="checkbox"/> |
| OPERATOR               | <input checked="" type="checkbox"/> |
| NAME OF WELL           | <i>34M</i>                          |

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

|                     |                                                                                                                                                                     |                                    |                                 |                                    |                                       |                                |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------|------------------------------------|---------------------------------------|--------------------------------|
| TYPE OF WELL        | OIL WELL <input checked="" type="checkbox"/>                                                                                                                        | GAS WELL <input type="checkbox"/>  | DRY <input type="checkbox"/>    | OTHER <input type="checkbox"/>     |                                       |                                |
| TYPE OF COMPLETION  | NEW WELL <input checked="" type="checkbox"/>                                                                                                                        | WORK OVER <input type="checkbox"/> | DEEPEN <input type="checkbox"/> | PLUG BACK <input type="checkbox"/> | DIFF. RESVN. <input type="checkbox"/> | OTHER <input type="checkbox"/> |
| Name of Operator    | Yates Petroleum Corporation                                                                                                                                         |                                    |                                 |                                    |                                       |                                |
| Address of Operator | 207 South 4th St., Artesia, NM 88210                                                                                                                                |                                    |                                 |                                    |                                       |                                |
| Location of Well    | LETTER <u>M</u> LOCATED <u>330</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM <u>West</u> LINE OF SEC. <u>13</u> TWP. <u>17S</u> RGE. <u>25E</u> NMPM |                                    |                                 |                                    |                                       |                                |

MAR 31 1983

O. C. D.  
ARTESIA OFFICE

|                                |                                                                         |
|--------------------------------|-------------------------------------------------------------------------|
| 5a. Indicate Type of Lease     | State <input type="checkbox"/> Free <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                                                         |
| 7. Unit Agreement Name         |                                                                         |
| 8. Farm or Lease Name          | Jackson AT                                                              |
| 9. Well No.                    | 17                                                                      |
| 10. Field and Pool, or Wildcat | Eagle Creek SA                                                          |
| 12. County                     | Eddy                                                                    |

|                                                               |        |                       |         |                                  |         |                                        |                         |                                 |    |
|---------------------------------------------------------------|--------|-----------------------|---------|----------------------------------|---------|----------------------------------------|-------------------------|---------------------------------|----|
| Date Spudded                                                  | 3-8-83 | 16. Date T.D. Reached | 3-11-83 | 17. Date Compl. (Ready to Prod.) | 3-27-83 | 18. Elevations (DF, RKB, RT, GR, etc.) | 3465' GR                | 19. Elev. Casinghead            |    |
| Total Depth                                                   | 1510'  | 21. Plug Back T.D.    | 1489'   | 22. If Multiple Compl., How Many |         | 23. Intervals Drilled By               | Rotary Tools<br>0-1510' | Cable Tools                     |    |
| Producing Interval(s), of this completion - Top, Bottom, Name |        |                       |         |                                  |         |                                        |                         | 25. Was Directional Survey Made | No |
| Type Electric and Other Logs Run                              |        |                       |         |                                  |         |                                        |                         | 27. Was Well Cored              | No |
| 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"     | 40.5#          | 342'      | 14-3/4"   | 225              |               |
| 7"          | 23#            | 1200'     | 9-7/8"    | 450              |               |
| 4-1/2"      | 9.5#           | 1490'     | 6-1/4"    | 200              |               |

## LINER RECORD

## 30. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-3/8" | 1210'     |            |

Fracture Record (Interval, size and number)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED  |
|----------------|--------------------------------|
| 1315-1487'     | SF w/3000g. 15% acid, 60000 g. |
|                | KCL wtr, 10000# 100 mesh +     |
|                | 110000# 20/40 sd.              |

## PRODUCTION

|                                                        |         |                                                                     |         |                                |           |                         |    |            |    |              |    |                           |     |                   |       |                   |  |               |
|--------------------------------------------------------|---------|---------------------------------------------------------------------|---------|--------------------------------|-----------|-------------------------|----|------------|----|--------------|----|---------------------------|-----|-------------------|-------|-------------------|--|---------------|
| First Production                                       | 3-23-83 | Production Method (Flowing, gas lift, pumping - Size and type pump) | Pumping | Well Status (Prod. or Shut-in) | Producing |                         |    |            |    |              |    |                           |     |                   |       |                   |  |               |
| Date of Test                                           | 3-27-83 | Hours Tested                                                        | 24      | Choke Size                     | 2"        | Prod'n. For Test Period |    | Oil - Bbl. | 14 | Gas - MCF    | 12 | Water - Bbl.              | 14  | Gas - Oil Ratio   | 875/1 |                   |  |               |
| Tubing Press.                                          | 20#     | Casing Pressure                                                     | 20#     | Calculated 24-Hour Rate        |           | Oil - Bbl.              | 14 | Gas - MCF  | 12 | Water - Bbl. | 14 | Oil Gravity - API (Corr.) | 39° |                   |       |                   |  |               |
| Disposition of Gas (Sold, used for fuel, vented, etc.) |         |                                                                     |         |                                |           |                         |    |            |    |              |    |                           |     | Test Witnessed By |       | Norbert McCaw     |  |               |
| Disposition of Gas (Sold, used for fuel, vented, etc.) |         |                                                                     |         |                                |           |                         |    |            |    |              |    |                           |     |                   |       | Test Witnessed By |  | Norbert McCaw |

Sold

List of Attachments

Deviation Survey

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 Production Supervisor DATE 3-30-83

## INSTRUCTIONS

Data 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 reopened 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

T. Anhy \_\_\_\_\_  
 T. Salt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Gruyburg \_\_\_\_\_  
 T. San Andres \_\_\_\_\_ 738  
 T. Glorieta \_\_\_\_\_  
 T. Paddock \_\_\_\_\_  
 T. Blinbry \_\_\_\_\_  
 T. Tubb \_\_\_\_\_  
 T. Drinkard \_\_\_\_\_  
 T. Abo \_\_\_\_\_  
 T. Wolfcamp \_\_\_\_\_  
 T. Penn. \_\_\_\_\_  
 T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss \_\_\_\_\_  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya \_\_\_\_\_  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 T. Cliff House \_\_\_\_\_  
 T. Menefee \_\_\_\_\_  
 T. Point Lookout \_\_\_\_\_  
 T. Mancos \_\_\_\_\_  
 T. Gallup \_\_\_\_\_  
 Base Greenhorn \_\_\_\_\_  
 T. Dakota \_\_\_\_\_  
 T. Morrison \_\_\_\_\_  
 T. Todilto \_\_\_\_\_  
 T. Entrada \_\_\_\_\_  
 T. Wingate \_\_\_\_\_  
 T. Chinle \_\_\_\_\_  
 T. Permian \_\_\_\_\_  
 T. Penn. "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
 T. Penn. "C" \_\_\_\_\_  
 T. Penn. "D" \_\_\_\_\_  
 T. Leadville \_\_\_\_\_  
 T. Madison \_\_\_\_\_  
 T. Elbert \_\_\_\_\_  
 T. McCracken \_\_\_\_\_  
 T. Ignacio Qtzite \_\_\_\_\_  
 T. Granite \_\_\_\_\_  
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 T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 5, 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    | 170  | 170                  | Surface, Alluvian, Redbeds |      |    |                      |           |
| 170  | 370  | 200                  | Redbeds                    |      |    |                      |           |
| 370  | 600  | 230                  | Lime, Redbeds              |      |    |                      |           |
| 600  | 865  | 265                  | Redbeds                    |      |    |                      |           |
| 865  | 1100 | 235                  | Lime, Redbeds              |      |    |                      |           |
| 1100 | 1510 | 410                  | Lime                       |      |    |                      |           |



# LaRue Drilling Co., Inc.

PHONE: 505-746-4405

P. O. BOX 202

ARTESIA, NEW MEXICO 88210

RECEIVED

MAR 31 1983

March 21, 1983

O. C. D.

ARTESIA, OFFICE

Yates Petroleum Corporation ✓  
207 South Fourth Street  
Artesia, NM 88210

Re: Jackson AT #17  
330' FSL & 330' FWL  
Sec. 13, T17S, R25E  
Eddy County, New Mexico

Gentlemen:

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

| DEPTH | DEVIATION |
|-------|-----------|
| 342'  | 1/4°      |
| 771'  | 1/4°      |
| 1200' | 1/4°      |
| 1510' | 1/2°      |

Very truly yours,

B. N. Muncy Jr.  
Secretary

STATE OF NEW MEXICO  
COUNTY OF EDDY

Ø  
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The foregoing was acknowledged before me this 21st day of March, 1983.

