

STATE OF NEW MEXICO  
MINE AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2688  
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT

|                        |                                     |
|------------------------|-------------------------------------|
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ARTESIA

Form C-105  
Revised 10-1-78

See Indicator Type of Log No. ☒  
Date of Log ☒  
Name of Log ☒

TYPE OF WELL *Oil*  
TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ C.F.F. REPAIR ☐ OTHER ☐

1. Name of Lease Owner  
Chumbley ☒ Com  
2. Well No.  
1  
3. Name of Operator  
West Atoka Morrow

Yates Petroleum Corporation  
207 South 4th St., Artesia, NM 88210

WELL LETTER *G* LOCATED *2100* FEET FROM THE *North* LINE ON *1980* FEET FROM  
East *8* TWP. *18S* RGE. *26E* NADP. *Eddy*

10-30-83 11-25-83 12-6-83 3396' GR  
8950' 8901' 0-8950'  
Producing Interval(s), of this completion -- Top, Bottom, None  
8739-50' Morrow  
Type Electric and Other Logs Run  
CNL/FDC; DLL  
25. Was Directional Drill Made  
No  
27. Was Well Cased  
No

| CASING RECORD (Report all strings set in well) |                |           |           |                  |               |
|------------------------------------------------|----------------|-----------|-----------|------------------|---------------|
| CASING SIZE                                    | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
| 20"                                            |                | 45'       |           |                  |               |
| 13-3/8"                                        | 68#            | 440'      | 17-1/2"   | 400              |               |
| 8-5/8"                                         | 24#            | 1350'     | 12-1/4"   | 1700             |               |
| 5-1/2"                                         | 17-15.5#       | 8909'     | 7-7/8"    | 1825             |               |

| LINER RECORD |       |        |              | TUBING RECORD |           |            |
|--------------|-------|--------|--------------|---------------|-----------|------------|
| SIZE         | DEPTH | BOTTOM | SACKS CEMENT | SIZE          | DEPTH SET | PACKER SET |
|              |       |        |              | 2-7/8"        | 8703'     | 8703'      |

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
8739-50' w/44 .50" Holes (4 SPF)  
Natural

PRODUCTION  
First Production 12-6-83  
Production Method (Flowing, gas lift, pumping -- Size and type pump) Flowing  
Well Station (Prod. or Shut-in) SIWOPLC  
Test Date 12-6-83 Hours Tested 1 Choke Size 3/4" Prod'n. For Test Period  
Oil -- Bbl. - Gas -- MCF 664 Water -- Bbl. - Gas -- Oil Ratio -  
w Tubing Press. 1100 Casing Pressure PKR Calculated 24-Hour Rate - Oil -- Bbl. - Gas -- MCF 15939 Water -- Bbl. - Oil Gravity -- API (Corr.) -  
Disposition of Gas (Sold, used for fuel, vented, etc.) Vented -- Will be sold  
Test Witnessed By Harvey Apple

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.  
SIGNATURE *[Signature]* TITLE Production Supervisor DATE 12-7-83

## 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 depth shall also be reported. For multiple completions, from 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 1155.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |      |                  |      | Northwestern New Mexico |  |                  |  |
|-------------------------|------|------------------|------|-------------------------|--|------------------|--|
| base of gravel          | 467  |                  |      |                         |  |                  |  |
| T. Anhy                 |      | T. Canyon Ls     | 7567 | T. Ojo Alamo            |  | T. Penn. "B"     |  |
| T. Salt                 |      | T. Strawn        | 8046 | T. Rutland-Frattland    |  | T. Penn. "C"     |  |
| D. Salt                 |      | T. Atoka         | 8452 | T. Pictured Cliffs      |  | T. Penn. "D"     |  |
| T. Yates                |      | T. Miss          |      | T. Cliff House          |  | T. Leadville     |  |
| T. 7 Rivers             |      | T. Devonian      |      | T. Mendee               |  | T. Madison       |  |
| T. Queen                |      | T. Silurian      |      | T. Point Lockett        |  | T. Ellert        |  |
| T. Grayburg             |      | T. Montoya       |      | T. Mancos               |  | T. McCracken     |  |
| T. San Andres           | 973  | T. Simpson       |      | T. Gallup               |  | T. Ignacio Grite |  |
| T. Glorieta             | 2306 | T. McKee         |      | Base Greenhorn          |  | T. Granite       |  |
| T. Paddock              |      | T. Ellenburger   |      | T. Dakota               |  |                  |  |
| T. Bineley              |      | T. Gr. Wash      |      | T. Mont. on             |  |                  |  |
| T. Tubb                 |      | T. Granite       |      | T. Tachre               |  |                  |  |
| T. Drinkard             |      | T. Delaware Sand |      | T. Enrich               |  |                  |  |
| T. Abou                 | 4417 | T. Lone Springs  |      | T. Wingate              |  |                  |  |
| T. Wolfcamp Ls          | 5576 | T. Morrow Clas.  | 8660 | T. Chino                |  |                  |  |
| T. Penn.                |      | T. Chester       | 8898 | T. Fortman              |  |                  |  |
| T. Cisco (Pough C)      | 6863 | T.               |      | T. Penn. "A"            |  |                  |  |

## 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    | 75   | 75                | Surface Rock, Redbeds   | 4400 | 5560 | 1160              | Shale, Dolomite          |
| 75   | 1237 | 1162              | Redbeds, Anhydrite      | 5560 | 6170 | 610               | Lime, Dolomite, Shale    |
| 1237 | 1400 | 163               | Anhydrite, Lime         | 6170 | 6910 | 740               | Limestone, Sahle         |
| 1400 | 2000 | 600               | Dolomite, Tr. Anhydrite | 6910 | 7585 | 675               | Limestone, Sahle, Sand   |
| 2000 | 2200 | 200               | Dolomite                | 7585 | 8492 | 907               | Limestone, Shale         |
| 2200 | 2238 | 38                | Dolomite, Tr. Chert     | 8492 | 8820 | 328               | Chert, Sand, Shale, Lime |
| 2238 | 2520 | 282               | Dolomite                | 8820 | 8950 | 130               | Lime, Shale, Dolomite    |
| 2520 | 2600 | 80                | Dolomite, Chert         |      |      |                   |                          |
| 2600 | 2810 | 210               | Dolomite                |      |      |                   |                          |
| 2810 | 2928 | 118               | Dolomite, Chert, Shale  |      |      |                   |                          |
| 2928 | 4140 | 1212              | Dolomite Shale          |      |      |                   |                          |
| 4140 | 4400 | 260               | Dolomite                |      |      |                   |                          |

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## NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Petroleum Corporation ✓ ADDRESS 207 South 4th Street, Apt. 101, El Paso, TX 79901  
 FIELD \_\_\_\_\_ LEASE Chumbley XS Comm WELL NO. 1  
 LOCATION SW 8-18-26 Eddy County, New Mexico

DEVIATION RECORD

| <u>DEPTH</u> | <u>DEGREES</u> | <u>DEPTH</u> | <u>DEGREES</u> |
|--------------|----------------|--------------|----------------|
| 442          | 1              | 3960         | 1/2            |
| 538          | 1              | 4461         | 1/2            |
| 788          | 1              | 4963         | 1              |
| 1350         | 1              | 5550         | 1              |
| 1469         | 1-1/2          | 6050         | 1-3/4          |
| 1700         | 1-1/2          | 6283         | 1-3/4          |
| 1882         | 1-1/2          | 6422         | 1-1/4          |
| 2103         | 1-1/4          | 6953         | 1              |
| 2572         | 1-1/4          | 7555         | 1-3/4          |
| 2966         | 1              | 8149         | 1/2            |
| 3500         | 1              | 8608         | 1/2            |

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Dean Sims  
Signature

The Ard Drilling Company, Inc.  
Company

STATE OF TEXAS  
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared Dean Sims, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Dean Sims  
Signature

Drilling Superintendent  
Title

Sworn and Subscribed to before me, this the 2nd day of December, 1983

Jan G. Brewer  
Notary Public in and for Midland County,  
Texas. Jan G. Brewer