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| Submit To Appropria<br>State Lease - 6 copies  |   | ct Office                |                         |  | State of New N               | Лехі            | co                       |                        |                             | · · · · · · · · · · · · · · · · · · · |                      | Form C-10                 |
|--|---|--------------------------|-------------------------|--|------------------------------|-----------------|--------------------------|------------------------|-----------------------------|---------------------------------------|----------------------|---------------------------|
| Fee Lease - 5 copies District I  |   |                          |                         | Energy, Minerals and Natural Resources |                              |                 |                          | WELL API               | NO.                         | F                                     | Revised June 10, 200 |                           |
| District II Oil Conservation Division 30-015-32  |   |                          |                         |  | 30-015-3288<br>5. Indicate 7 |                 | 9059                     | ·                      |                             |                                       |                      |                           |
| District III 1000 Rio Brazos Rd.,  |   | •                        |                         |  | 20 South St. Fr              |                 |                          |                        | STAT                        |                                       |                      | EE 🗍                      |
| District IV<br>1220 S. St. Francis D   |   |                          |                         |  | Santa Fe, NM                 | 875             | 05                       |                        | State Oil & 0               | Gas Lease                             | e No.                |                           |
| WELL C   | OMP   | LETION C                 | R REC                   | OMPL                                   | ETION REPOR                  | RT A            | ND LOG                   |                        | 7. 1                        |                                       |                      |                           |
| OIL WELL   |   | GAS WELL [               | X DR                    | Y 🗌                                    | OTHER                        | <u> </u>        | ECEIVED                  |                        | 7. Lease Name               | Ū                                     | reement N            | ame                       |
| b. Type of Comp  | letion:<br>WOR  | K DEEP                   | EN []                   | PLUG [                                 | DIFF.                        |                 | FR 0 5 2004              |                        | Humidor Sta                 | te Unit                               | <b>^ı</b> ,          | • >                       |
| WELL OVER BACK RESVR.  2. Name of Operator OCD-ARTESIA 8. Well No.   |   |                          |                         |  |                              | 70              |                          |                        |                             |                                       |                      |                           |
| 2. Name of Operator Yates Petroleum Corporation  3. Address of Operator  9. Pool name or Wildcat   |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| 105 South Four   |   | eet, Artesia,            | NM 882                  | 10 (5                                  | 05) 748-1471                 |                 |                          |                        | Wildcat Mor                 |                                       | 960                  | 78                        |
| 4. Well Location   |   | 000                      |                         | _                                      | <b>3.</b> 7 .4               |                 |                          | 200                    |                             |                                       |                      |                           |
| Unit Letter <u>A: 990</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>East</u> Line  |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| Section<br>10. Date Spudded  | 23<br>111. D  | ate T.D. Reach           | Towns                   |  | npl. (Ready to Prod.)        | Rang            | <u> </u>                 | (DF&                   | NMPM<br>RKB, RT, GR,        | etc.)                                 |                      | Eddy County<br>Casinghead |
| RH 8/26/03<br>RT 9/3/03  |   | 11/7/03                  |                         |  | 1/28/04                      |                 |                          | 31                     | 82'GR<br>14'KB              |                                       |                      |                           |
| 15. Total Depth<br>12,940'   |   | 16. Plug Back<br>12,450' | T.D.                    |  | Multiple Compl. How<br>nes?  | Many            | / 18. Inter<br>Drilled I |                        | Rotary Tools<br>40'-12,940' |                                       | Cable 7              | Tools                     |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 12,366'-12,412' Morrow No                        |   |                          |                         |  |                              | irvey Made      |                          |                        |                             |                                       |                      |                           |
| 21. Type Electric and Other Logs Run 22. Was Well Cored  |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| Density/Neutron, High Resolution Laterolog Array, Combinable Magnetic Resonance Tool No  23. CASING RECORD (Report all strings set in well)        |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| CASING SIZE WEIGHT LB./FT. D   |   |                          | DEPTH SET               | <b>u</b> 11 3                          | HOLE SIZE                    | .011)           | CEMENTING                |                        | A                           | MOUNT PULLED                          |                      |                           |
| 30"<br>20" 94#   |   |                          | #                       |  | 40'<br>606'                  |                 | 26"                      |                        | Condu<br>1252 sx            |                                       |                      |                           |
| 13-3/8" 54.5# & 61   |   |                          |                         |  |                              |                 | 17-1/2"                  |                        | 2100 sx                     | · · · · · · · · · · · · · · · · · · · |                      |                           |
| 9-5/8"   |   | 43.5# 8                  |                         |  | 10,500'                      | 12-1/4" 3200 sx |                          |                        |                             | TOC 10,335'                           |                      |                           |
| 24.  |   |                          | B.O. TOOL               |  | ER RECORD                    | Loov            |                          | 25.                    |                             | JBING RI                              |                      |                           |
| SIZE 7"  | TOP 9987  | 7,                       | 12,940'                 |  | 745 sx                       | SCI             | REEN                     | SIZ                    | <u>'/8"</u>                 | DEPTH S                               |                      | PACKER SET 12,156'        |
|  | 750,  |                          | 12,5 10                 | <del>-</del>                           | 7 13 0K                      |                 |                          | 1 .                    | , ,                         | 12,130                                |                      | 12,130                    |
| 26. Perforation record (interval, size, and number)  27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.   |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| 12,854'-12,860' (37) 12,486'-12,492' (37) DEPTH INTERVAL AMOUNT AND KIND MATERIAL USE 12,570'-12,576' (37) 12,366'-12,380' (85) See Attached Sheet |   |                          |                         |  |                              | L USED          |                          |                        |                             |                                       |                      |                           |
| 12,576 -12,576 (57) 12,566 -12,566 (65) See Attached Sheet   |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| PRODUCTION PRODUCTION  |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| Date First Producti  | on  | Pro                      | oduction Me             | thod (Flo                              | wing, gas lift, pumpir       | ıg - Si         | ze and type pum          | p)                     | Well Status                 |                                       | iut-in)<br>SIWOPI    | ,                         |
| Date of Test<br>1/22/04  | Hour<br>24 h  | s Tested<br>IS           | Choke Siz<br>3/8"       | e                                      | Prod'n For<br>Test Period    | Oil<br>0        | - Bbl                    | Gas 415                | - MCF                       | Water - B                             | bl.                  | Gas Oil Ratio<br>NA       |
| Flow Tubing<br>Press.  |   | ng Pressure              | Calculated<br>Hour Rate |  | Oil - Bbl.                   | 1               | Gas - MCF<br>4158        |                        | Vater - Bbl.                |                                       | Gravity - A          | PI - (Corr.)              |
| Press. Packer Hour Rate 0 1210 psi 29. Disposition of Gas (Sold, used for fuel, vented, etc.)  |   |                          |                         |  |                              | 7170            |                          | 0 NA Test Witnessed By |                             |                                       |                      |                           |
| Sold if produce  | Sold if produced  30. List Attachments  Jim Necaise   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| Logs   |   |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| 31 .I hereby certi   | 31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief |                          |                         |  |                              |                 |                          |                        |                             |                                       |                      |                           |
| Signature  | lin   | m Hue                    | rte                     | Printed<br>Name                        | Tina Huerta                  | T               | itle <u>Regulat</u>      | ory C                  | Compliance Si               | upervisor                             | Date                 | January 29, 2004          |
| E-mail Address   | tina  | h@ypcnm.c                | om                      |  |                              |                 |                          |                        |                             |                                       |                      |                           |

## **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 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 25 through 29 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

| Southeas           | tern New Mexico    | Northwestern New Mexico |                       |                  |  |
|--------------------|--------------------|-------------------------|-----------------------|------------------|--|
| T. Anhy            | T. Canyon          |                         | T. Ojo Alamo          | T. Penn. "B"     |  |
| T. Salt            | T. Strawn          | 11,314'                 | T. Kirtland-Fruitland | T. Penn. "C"     |  |
| B. Salt            | T. Atoka           | 11,546'                 | 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. Siluro-Devonian |                         | T. Point Lookout      | T. Elbert        |  |
| T. Grayburg        | T. Montoya         |                         | T. Mancos             | T. McCracken     |  |
| T. San Andres      | T. Simpson         |                         | T. Gallup             | T. Ignacio Otzte |  |
| T. Glorieta        | T. McKee           |                         | Base Greenhorn        | T. Granite       |  |
| T. Paddock         | T. Ellenburger     |                         | T. Dakota             |                  |  |
| T. Blinebry        | T. Gr. Wash        |                         | T. Morrison           |                  |  |
| T.Tubb             | T. Delaware Sand   | 2356'                   | T.Todilto             |                  |  |
| T. Drinkard        | T. Bone Springs    | 5854'                   | T. Entrada            |                  |  |
| T. Abo             | T. Rustler         | 744'                    | T. Wingate            |                  |  |
| T. Wolfcamp 92     | 48' T. Morrow      | 12,193                  | T. Chinle             |                  |  |
| T. Wolfcamp B Zone | T. Spear           | <u> </u>                | T. Permian            |                  |  |
| T. Cisco (Bough C) | T. Pre-Cambrian    |                         | T. Penn "A"           | OH OP CAS        |  |

| 1. Wolfcamp B Zone         | 1. Spear                          | 1. Perman                   |                              |
|----------------------------|-----------------------------------|-----------------------------|------------------------------|
| T. Cisco (Bough C)         | T. Pre-Cambrian                   | T. Penn "A"                 |                              |
|                            |                                   |                             | OIL OR GAS<br>SANDS OR ZONES |
| No. 1, from                | to                                | No. 3, from                 | to                           |
| No. 2, from                | to                                | No. 4, from                 | to                           |
| ·                          | IMPORT.                           | ANT WATER SANDS             |                              |
| Include data on rate of wa | ter inflow and elevation to which | h water rose in hole.       |                              |
| No. 1, from                | to                                | feet                        | ••••••••                     |
| No. 2, from                | to                                | feet                        |                              |
| No. 3, from                | to                                | feet                        |                              |
|                            | LITHOLOGY RECO                    | RD (Attach additional sheet | if necessary)                |

|   | From | То | Thickness<br>In Feet | Lithology | From | То | Thickness<br>In Feet | Lithology |
|---|------|----|----------------------|-----------|------|----|----------------------|-----------|
|   |      |    |                      |           |      |    |                      |           |
|   |      |    |                      |           |      |    |                      |           |
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Yates Petroleum Corporation Humidor State Unit #1 Section 23-T24S-R27E Eddy County, New Mexico

## Form C-105 continued:

| 27. Acid, Shot, Fracture, Cement, Squeeze, Etc. | 27. | Acid | Shot. | Fracture. | Cement. | So | ueeze, | Etc. |  |
|---|-----|------|-------|-----------|---------|----|--------|------|--|
|---|-----|------|-------|-----------|---------|----|--------|------|--|

| Depth Interval  | Amount and Kind Material Used                             |
|-----------------|---|
| 12,854'-12,860' | Acidize w/1000g 7-1/2% MSA acid                           |
| 12,570'-12,610  | Acidize w/1500g 7-1/2% MSA acid w/110 ball sealers        |
| 12,486'-12,492' | Acidize w/750g 7-1/2% MSA acid w/45 ball sealers          |
| 12,486'-12,860' | Frac w/41,000# sand in formation w/9000# sand in tubing   |
| •               | Total load 503 bbls, 117 tons CO2                         |
| 12,366'-12,412' | Acidize w/1500g 7-1/2% MSA and ball sealers               |
| •               | Frac w/59,000g 40Q foam frac and 50,000# 20/40 Carbo-lite |