

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

NOV - 1 1993

Form C-105  
Revised 1-1-89

151  
BAM  
Bgm

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-015-24769                                                                        |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                                                         |                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                         | 7. Lease Name or Unit Agreement Name<br>South Avalon YI Com |
| b. Type of Completion:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF RESVR <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> RECOMPLETION | 8. Well No.<br>1                                            |
| 2. Name of Operator<br>YATES PETROLEUM CORPORATION                                                                                                                                                                                                                      | 9. Pool name or Wildcat<br>NE Happy Valley                  |
| 3. Address of Operator<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                                                                          | Undesignated Strawn                                         |

|                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. Well Location<br>Unit Letter K : 1980 Feet From The South Line and 2100 Feet From The West Line<br>Section 23 Township 21S Range 26E NMPM Eddy County |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|

|                             |                            |                                              |                                                     |                      |
|-----------------------------|----------------------------|----------------------------------------------|-----------------------------------------------------|----------------------|
| 10. Date Spudded<br>8-24-93 | 11. Date T.D. Reached<br>- | 12. Date Compl. (Ready to Prod.)<br>10-21-93 | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3140' GR | 14. Elev. Casinghead |
|-----------------------------|----------------------------|----------------------------------------------|-----------------------------------------------------|----------------------|

|                           |                              |                                        |                                                          |
|---------------------------|------------------------------|----------------------------------------|----------------------------------------------------------|
| 15. Total Depth<br>11432' | 16. Plug Back T.D.<br>10340' | 17. If Multiple Compl. How Many Zones? | 18. Intervals Drilled By<br>Rotary Tools<br>Pulling Unit |
|---------------------------|------------------------------|----------------------------------------|----------------------------------------------------------|

|                                                                                        |                                       |
|----------------------------------------------------------------------------------------|---------------------------------------|
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>9943-9953' Strawn | 20. Was Directional Survey Made<br>No |
|----------------------------------------------------------------------------------------|---------------------------------------|

|                                                               |                          |
|---------------------------------------------------------------|--------------------------|
| 21. Type Electric and Other Logs Run<br>None for recompletion | 22. Was Well Cored<br>No |
|---------------------------------------------------------------|--------------------------|

|                                                    |               |           |           |                    |               |
|----------------------------------------------------|---------------|-----------|-----------|--------------------|---------------|
| 23. CASING RECORD (Report all strings set in well) |               |           |           |                    |               |
| CASING SIZE                                        | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD   | AMOUNT PULLED |
| 20"                                                |               | 36'       | 26"       | Redi-Mix           |               |
| 13-3/8"                                            | 54.5#         | 520'      | 17 1/2"   | 550 sx (in place)  |               |
| 9-5/8"                                             | 40#           | 2221'     | 12 1/2"   | 1050 sx (in place) |               |
| 5-1/2"                                             | 20# - 17#     | 11432'    | 7-7/8"    | 950 sx (in place)  |               |

|                  |     |        |              |                   |        |           |            |
|------------------|-----|--------|--------------|-------------------|--------|-----------|------------|
| 24. LINER RECORD |     |        |              | 25. TUBING RECORD |        |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
|                  |     |        |              |                   | 2-7/8" | 9859'     | 9859'      |

|                                                                                     |                                                 |                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|
| 26. Perforation record (interval, size, and number)<br>9943-9953' w/16 - .42" Holes | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                                               |
|                                                                                     | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                                 |
|                                                                                     | 9943-53'                                        | w/2000g. 15% NEFE acid.                                       |
|                                                                                     |                                                 | w/20000g. 15% HCL + 1000 SCF/<br>N2; 5000g. 5% HCL w/Methanol |

|                                  |                        |                                                                                |                        |                 |                   |                                             |                      |
|----------------------------------|------------------------|--------------------------------------------------------------------------------|------------------------|-----------------|-------------------|---------------------------------------------|----------------------|
| 28. PRODUCTION                   |                        |                                                                                |                        |                 |                   |                                             |                      |
| Date First Production<br>9-21-93 |                        | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        |                 |                   | Well Status (Prod. or Shut-in)<br>Producing |                      |
| Date of Test<br>9-21-93          | Hours Tested<br>12 hrs | Choke Size<br>1/4"                                                             | Prod'n For Test Period | Oil - Bbl.<br>- | Gas - MCF<br>46   | Water - Bbl.<br>-                           | Gas - Oil Ratio<br>- |
| Flow Tubing Press.<br>50         | Casing Pressure<br>Pkr | Calculated 24-Hour Rate                                                        | Oil - Bbl.<br>-        | Gas - MCF<br>92 | Water - Bbl.<br>- | Oil Gravity - API - (Corr.)<br>-            |                      |

|                                                                    |                               |
|--------------------------------------------------------------------|-------------------------------|
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold | Test Witnessed By<br>Ed Perry |
|--------------------------------------------------------------------|-------------------------------|

|                                               |
|-----------------------------------------------|
| 30. List Attachments<br>None for recompletion |
|-----------------------------------------------|

31. 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 Juanita Goodlett Printed Name Juanita Goodlett Title Production Svvr Date 10-29-93

# 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

### Southeastern New Mexico

T. Anhy \_\_\_\_\_  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinebry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp 8500 \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn Mkr 9880 \_\_\_\_\_  
T. Atoka 10058 \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand 2208 \_\_\_\_\_  
T. Bone Springs 4496 \_\_\_\_\_  
T. 3rd B. Sprs 8056 \_\_\_\_\_  
T. Morrow 10725 \_\_\_\_\_  
T. L. Morrow 11030 \_\_\_\_\_  
T. Chester 11170 \_\_\_\_\_

### 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 Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, 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.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology                | From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|--------------------------|------|----|----------------------|-----------|
|      |    |                      | SEE ORIGINAL COMPLETION. |      |    |                      |           |