

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN APPLICATION  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

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"/>                                                                                                                                                                                                                                                                                                                                 |                 | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-14983                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------|---------------|--------------------|-----------------|-----------------|---------------|------------------|---------------|-----|--|-----|-----|-------------------|--|---------|-----|------|---------|--------------------|--|--------|-------|-------|--------|--------|--|
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                                                                                                                               |                 | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                     |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 2. NAME OF OPERATOR<br>YATES PETROLEUM CORPORATION (505) 748-1471                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | 7. UNIT AGREEMENT NAME                                                   |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 3. ADDRESS OF OPERATOR<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 | 8. FARM OR LEASE NAME<br>Monaghan QY Federal                             |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 2310' FNL & 990' FWL (Unit E, SWNW)<br>At top prod. interval reported below<br>At total depth                                                                                                                                                                                                                                                                                        |                 | 9. WELL NO.<br>13                                                        |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 10. FIELD AND POOL, OR WILDCAT<br>Pecos Slope Abo                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Section 34-T5S-R24E |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 12. COUNTY OR PARISH<br>Chaves                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 | 13. STATE<br>NM                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 14. PERMIT NO.<br>API 30-005-13137                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | 15. DATE SPUNDED<br>RH 8-28-97<br>RT 8-31-97                             |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 16. DATE T.D. REACHED<br>9-9-97                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | 17. DATE COMPL. (Ready to produce)<br>10-1-97                            |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 18. ELEVATION (Top, RKB, RT, GR, ETC.)*<br>22120' GR                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 | 19. ELEV. CASINGHEAD                                                     |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 20. TOTAL DEPTH, MD & TVD<br>4145'                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | 21. PLUG, BACK T.D., MD & TVD<br>4090'                                   |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 | 23. INTERVALS DRILLED BY<br>40-4145'                                     |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*<br>3677-4000' Abo                                                                                                                                                                                                                                                                                                                                                                                                |                 | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                    |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CNL/GR & Laterolog                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 | 27. WAS WELL CORRED<br>No                                                |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| <table border="1"><thead><tr><th>CASINO SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>16"</td><td></td><td>40'</td><td>20"</td><td>Cement to surface</td><td></td></tr><tr><td>11-3/4"</td><td>42#</td><td>867'</td><td>14-3/4"</td><td>900 sx - circulate</td><td></td></tr><tr><td>4-1/2"</td><td>10.5#</td><td>4145'</td><td>7-7/8"</td><td>400 sx</td><td></td></tr></tbody></table> |                 |                                                                          |               | CASINO SIZE        | WEIGHT, LB./FT. | DEPTH SET (MD)  | HOLE SIZE     | CEMENTING RECORD | AMOUNT PULLED | 16" |  | 40' | 20" | Cement to surface |  | 11-3/4" | 42# | 867' | 14-3/4" | 900 sx - circulate |  | 4-1/2" | 10.5# | 4145' | 7-7/8" | 400 sx |  |
| CASINO SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | WEIGHT, LB./FT. | DEPTH SET (MD)                                                           | HOLE SIZE     | CEMENTING RECORD   | AMOUNT PULLED   |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 16"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 | 40'                                                                      | 20"           | Cement to surface  |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 11-3/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 42#             | 867'                                                                     | 14-3/4"       | 900 sx - circulate |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 4-1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.5#           | 4145'                                                                    | 7-7/8"        | 400 sx             |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| <table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                             |                 |                                                                          |               | SIZE               | TOP (MD)        | BOTTOM (MD)     | SACKS CEMENT* | SCREEN (MD)      |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TOP (MD)        | BOTTOM (MD)                                                              | SACKS CEMENT* | SCREEN (MD)        |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| <table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-3/8"</td><td>3619'</td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                    |                 |                                                                          |               | SIZE               | DEPTH SET (MD)  | PACKER SET (MD) | 2-3/8"        | 3619'            |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DEPTH SET (MD)  | PACKER SET (MD)                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 2-3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3619'           |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>3677-4000' w/20 .38" holes                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>AMOUNT AND KIND OF MATERIAL USED<br>SEE ATTACHED SHEET                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 33. PRODUCTION RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| DATE FIRST PRODUCTION<br>10-3-97                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>Flowing                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| WELL STATUS (Producing or shut-in)<br>Producing                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| DATE OF TEST<br>10-17-97                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| HOURS TESTED<br>24                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| CHOKER SIZE<br>26/64"                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| PROD'N. FOR TEST PERIOD<br>OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO<br>459                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE<br>170# 340# 459                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| TEST WITNESSED BY<br>Terry Matchin                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 35. LIST OF ATTACHMENTS<br>Deviation survey & logs                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                                                                                                                                                                                                               |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |
| SIGNED <u>Kushy Klier</u> TITLE <u>Operations Technician</u> DATE <u>Oct. 29, 1997</u>                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                          |               |                    |                 |                 |               |                  |               |     |  |     |     |                   |  |         |     |      |         |                    |  |        |       |       |        |        |  |

(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                          | TOP                                      |                  |
|-----------|-----|--------|-----------------------------|-----------------------------------------------|------------------------------------------|------------------|
|           |     |        |                             |                                               | MEAS. DEPTH                              | TRUE VERT. DEPTH |
|           |     |        |                             | San Andres<br>Glorieta<br>Yeso<br>Tubb<br>Abo | 544'<br>1440'<br>1562'<br>3000'<br>3626' |                  |

RECEIVED  
OCT 30 97  
BLM  
ROSWELL, NM

YATES PETROLEUM CORPORATION  
Monaghan QY Federal #13  
Section 34-T5S-R24E  
Chaves County, New Mexico

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

| <u>DEPTH INTERVAL</u> | <u>TREATMENT</u>                                                 |
|-----------------------|------------------------------------------------------------------|
| 3985-4000'            | Acidized with 600 gallons 7-1/2% NEFE HCL acid and ball sealers  |
| 3825-3868'            | Acidized with 300 gallons 7-1/2% NEFE HCL acid and ball sealers  |
| 3677-3685'            | Acidized with 400 gallons 7-1/2% NEFE HCL acid and ball sealers  |
| 3677-4000'            | Frac'd with 40000 gallons 20# Guar gel & 80000# 20-40 Brady sand |

RECEIVED

OCT 30 '97

ROS