

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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BH Roswell District  
Modified Form No.  
NHD60-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------|--|---------------------------------------------------------------|--|
| 1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                      |  | 2. NAME OF OPERATOR<br>YATES PETROLEUM CORPORATION                                                                                                                                                         |  | 3a. Acre Code & Shape No.<br>505/7485A-1471                   |  | 5. LEASE INFORMATION AND SERIAL NO.<br>NM 045274              |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input checked="" type="checkbox"/> Other <input type="checkbox"/> |  | RECOMPLETION                                                                                                                                                                                               |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>SEP 10 8 AM 1990      |  | 7. UNIT AGREEMENT NAME<br>Hill View AHE Federal Com           |  |
| 3. ADDRESS OF OPERATOR<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                                                    |  | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 1980' FWL, Sec. 23-20S-24E<br>At top prod. interval reported below<br>At total depth |  | 8. WELL NO.<br>3                                              |  | 9. FIELD AND POOL, OR WILDCAT<br>South Dagger Draw Upper Penn |  |
| 9a. API Well No.<br>30-015-20426                                                                                                                                                                                                                  |  | 14. PERMIT NO.                                                                                                                                                                                             |  | DATE ISSUED                                                   |  | 12. COUNTY OR PARISH<br>Eddy                                  |  |
| 15. DATE SPUDDED<br>RECOMPLETION<br>7-31-90                                                                                                                                                                                                       |  | 16. DATE T.D. REACHED<br>-                                                                                                                                                                                 |  | 17. DATE COMPL. (Ready to prod.)<br>8-25-90                   |  | 18. ELEVATIONS (OF RKB, RT, OR, ETC.)*<br>3682' GR            |  |
| 20. TOTAL DEPTH, MD & TVD<br>7936'                                                                                                                                                                                                                |  | 21. PLUG. BACK T.D., MD & TVD<br>7919'                                                                                                                                                                     |  | 22. IF MULTIPLE COMPL., HOW MANY*                             |  | 23. INTERVAL DRILLED BY<br>Pulling Unit                       |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*<br>7696-7800'; 7655-7666' Canyon                                                                                                                                   |  | 25. WAR DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                                      |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>None for recompletion |  | 27. WAR WELL CORED<br>No                                      |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| CASING SIZE                                                                                                                                                                                                                                       |  | WEIGHT, LB./FT.                                                                                                                                                                                            |  | DEPTH SET (MD)                                                |  | HOLE SIZE                                                     |  |
| 8-5/8"                                                                                                                                                                                                                                            |  | 32#                                                                                                                                                                                                        |  | 1580'                                                         |  | 11"                                                           |  |
| 5 1/2"                                                                                                                                                                                                                                            |  | 17#                                                                                                                                                                                                        |  | 7919'                                                         |  | 7-7/8"                                                        |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| 29. LINER RECORD                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| SIZE                                                                                                                                                                                                                                              |  | TOP (MD)                                                                                                                                                                                                   |  | BOTTOM (MD)                                                   |  | SACKS CEMENT*                                                 |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| 30. TUBING RECORD                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| SIZE                                                                                                                                                                                                                                              |  | DEPTH SET (MD)                                                                                                                                                                                             |  | PACKER SET (MD)                                               |  |                                                               |  |
| 2-7/8"                                                                                                                                                                                                                                            |  | 7600'                                                                                                                                                                                                      |  | -                                                             |  |                                                               |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| 7696-7800' (existing perfs)<br>7655-7766' w/12 .40" Holes (1 SPF)<br>6676-6718' (tested non-productive)                                                                                                                                           |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                    |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                               |  |                                                                                                                                                                                                            |  | AMOUNT AND KIND OF MATERIAL USED                              |  |                                                               |  |
| 7696-7800'                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                            |  | w/23000g. 20% NEFE acid.                                      |  |                                                               |  |
| 7655-7666'                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                            |  | w/3000g. 20% NEFE acid.                                       |  |                                                               |  |
| 33. PRODUCTION                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| DATE FIRST PRODUCTION<br>8-9-90                                                                                                                                                                                                                   |  | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>Pumping                                                                                                                           |  |                                                               |  | WELL STATUS (Producing or shut-in)<br>Producing               |  |
| DATE OF TEST<br>8-25-90                                                                                                                                                                                                                           |  | HOURS TESTED<br>24                                                                                                                                                                                         |  | CHOKE SIZE<br>2"                                              |  | PROD'N. FOR TEST PERIOD<br>89                                 |  |
| FLOW. TUBING PRESS.<br>250                                                                                                                                                                                                                        |  | CASING PRESSURE<br>300                                                                                                                                                                                     |  | CALCULATED 24-HOUR RATE<br>89                                 |  | OIL--BRL.<br>216                                              |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  | GAS--MCF.<br>2083                                             |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  | WATER--BRL.<br>2427                                           |  |
|                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  | OIL GRAVITY-API (CORR.)<br>41°                                |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold - Connected to Yates Gas Gathering 8-9-90.                                                                                                                                     |  |                                                                                                                                                                                                            |  |                                                               |  | TEST WITNESSED BY<br>Norbert McCaw                            |  |
| 35. LIST OF ATTACHMENTS<br>None                                                                                                                                                                                                                   |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                 |  |                                                                                                                                                                                                            |  |                                                               |  |                                                               |  |
| SIGNED<br>[Signature]                                                                                                                                                                                                                             |  | TITLE<br>Production Supervisor                                                                                                                                                                             |  |                                                               |  | DATE<br>9-7-90                                                |  |

\*(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<br>MEAS. DEPTH<br>TRUE<br>VERT. DEPTH                                                                                                                                    |
|                                                                                                                                                                                                                                                     |                      |        |                             | <div>San Andres</div> <div>515</div> <div>Glorieta</div> <div>2025</div> <div>Abo</div> <div>4810</div> <div>Wolfcamp</div> <div>5460</div> <div>Cisco</div> <div>7550</div> |