

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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BLM Roswell District  
Modified Form No.  
ND60-3160-3

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                |                        |                                                                                 |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------|---------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                   |                        | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 045274                                |                                 |
| 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"/> REFR. REVR. <input type="checkbox"/> Other _____ |                        | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME                                           |                                 |
| 2. NAME OF OPERATOR<br>YATES PETROLEUM CORPORATION                                                                                                                                                                             |                        | 7. UNIT AGREEMENT NAME                                                          |                                 |
| 3a. Area Code & Phone No.<br>505/748-1471                                                                                                                                                                                      |                        | 8. FARM OR LEASE NAME<br>Hill View AHE Federal                                  |                                 |
| 3. ADDRESS OF OPERATOR<br>105 South 4th St., Artesia, NM 88210                                                                                                                                                                 |                        | 9. WELL NO.<br>8                                                                |                                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FSL & 660' FEL, Sec. 14-20S-24E<br>At top prod. interval reported below<br>At total depth                      |                        | 10. FIELD AND POOL, OR WILDCAT<br>South Dagger Draw Upper Penn                  |                                 |
| 9a. API Well No.<br>30-015-26602                                                                                                                                                                                               |                        | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Unit P, Sec. 14-T20S-R24E  |                                 |
| 14. PERMIT NO.                                                                                                                                                                                                                 |                        | DATE ISSUED                                                                     |                                 |
| 15. DATE SPUNDED<br>1-6-91                                                                                                                                                                                                     |                        | 16. DATE T.D. REACHED<br>1-29-91                                                |                                 |
| 17. DATE COMPL. (Ready to prod.)<br>2-15-91                                                                                                                                                                                    |                        | 18. ELEVATIONS (DV, HKB, RT, OR, ETC.)*<br>3613' GR                             |                                 |
| 20. TOTAL DEPTH, MD & TVD<br>8105'                                                                                                                                                                                             |                        | 21. PLUG BACK T.D., MD & TVD<br>8038'                                           |                                 |
| 22. IF MULTIPLE COMPL., HOW MANY*                                                                                                                                                                                              |                        | 23. INTERVAL DRILLED BY<br>ROTARY TOOLS<br>0-8105'                              |                                 |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>7772-7788'; 7594-7752' Canyon                                                                                                                 |                        | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                           |                                 |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CNL/LDT; DLL                                                                                                                                                                           |                        | 27. WAS WELL CORED<br>No                                                        |                                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                             |                        |                                                                                 |                                 |
| CASING SIZE                                                                                                                                                                                                                    | WEIGHT, LB./FT.        | DEPTH SET (MD)                                                                  | HOLE SIZE                       |
| 20"                                                                                                                                                                                                                            |                        | 40'                                                                             | 26"                             |
| 9-5/8"                                                                                                                                                                                                                         | 36#                    | 1206'                                                                           | 14-3/4"                         |
| 7"                                                                                                                                                                                                                             | 26#, 23#               | 8105'                                                                           | 8-3/4"                          |
| CEMENTING RECORD                                                                                                                                                                                                               |                        |                                                                                 |                                 |
| Redi-Mix                                                                                                                                                                                                                       |                        |                                                                                 |                                 |
| 1100 sx                                                                                                                                                                                                                        |                        |                                                                                 |                                 |
| 1750 sx                                                                                                                                                                                                                        |                        |                                                                                 |                                 |
| AMOUNT PULLED                                                                                                                                                                                                                  |                        |                                                                                 |                                 |
| 29. LINER RECORD                                                                                                                                                                                                               |                        |                                                                                 |                                 |
| SIZE                                                                                                                                                                                                                           | TOP (MD)               | BOTTOM (MD)                                                                     | BACKS CEMENT*                   |
|                                                                                                                                                                                                                                |                        |                                                                                 | SCREEN (MD)                     |
|                                                                                                                                                                                                                                |                        |                                                                                 | 30. TUBING RECORD               |
|                                                                                                                                                                                                                                |                        |                                                                                 | SIZE                            |
|                                                                                                                                                                                                                                |                        |                                                                                 | DEPTH SET (MD)                  |
|                                                                                                                                                                                                                                |                        |                                                                                 | PACKER SET (MD)                 |
|                                                                                                                                                                                                                                |                        |                                                                                 | 2-7/8"                          |
|                                                                                                                                                                                                                                |                        |                                                                                 | 7544'                           |
|                                                                                                                                                                                                                                |                        |                                                                                 | 7544'                           |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                             |                        |                                                                                 |                                 |
| 7772-7788' w/18 - .50" Holes                                                                                                                                                                                                   |                        |                                                                                 |                                 |
| 7594-7752' w/50 - .50" Holes                                                                                                                                                                                                   |                        |                                                                                 |                                 |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                 |                        |                                                                                 |                                 |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                            |                        | AMOUNT AND KIND OF MATERIAL USED                                                |                                 |
| 7772-88'                                                                                                                                                                                                                       |                        | w/4000g. 20% acid                                                               |                                 |
| 7594-7752'                                                                                                                                                                                                                     |                        | w/2500g. 20% acid                                                               |                                 |
| 7594-7752'                                                                                                                                                                                                                     |                        | w/15000g. 20% acid + 900# block                                                 |                                 |
| 33. PRODUCTION                                                                                                                                                                                                                 |                        |                                                                                 |                                 |
| DATE FIRST PRODUCTION<br>2-9-91                                                                                                                                                                                                |                        | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                                 |
| DATE OF TEST<br>2-15-91                                                                                                                                                                                                        |                        | WELL STATUS (Producing or shut-in)<br>Producing                                 |                                 |
| HOURS TESTED<br>24                                                                                                                                                                                                             | CHOKE SIZE<br>40/64"   | PROD'N. FOR TEST PERIOD<br>252                                                  | OIL—BBL.<br>252                 |
| GAS—MCF.<br>570                                                                                                                                                                                                                | WATER—BBL.<br>992      | GAS—MCF.<br>570                                                                 | OIL GRAVITY-API (CORR.)<br>2262 |
| FLOW. TUBING PRESS.<br>350                                                                                                                                                                                                     | CASING PRESSURE<br>Pkr | CALCULATED 24-HOUR RATE<br>252                                                  | WATER—BBL.<br>992               |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold - connected to Yates Gas Gathering 2-9-91                                                                                                                   |                        | TEST WITNESSED BY<br>John Dehler                                                |                                 |
| 35. LIST OF ATTACHMENTS<br>Deviation Survey, Logs                                                                                                                                                                              |                        | SJS                                                                             |                                 |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.                                                                                             |                        |                                                                                 |                                 |
| SIGNED <i>[Signature]</i>                                                                                                                                                                                                      |                        | TITLE Production Supervisor                                                     |                                 |
| DATE 2-18-91                                                                                                                                                                                                                   |                        |                                                                                 |                                 |

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or reports.

| 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                                                                                                                                                          | MEAS. DEPTH                                                                                | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                     |     |        | <p>DST #1 6500-6530' (30') WOLFCAMP LIME:<br/> TIMES: 20", 60", 60", 180". RECOVERY:<br/> 344' drilling mud, 3' distillate, 340'<br/> mud cut form water, Resistivity .08 @ 60,<br/> C1 88000; 353 formation water, resistivity<br/> 0.71 @ 60, C1 11100. SAMPLER: 1.68 cfg,<br/> 50 cc oil, 500 cc water. PRESSURES: IHP<br/> 3081, IFP 104-301, ISIP 2808, FFP 254-479,<br/> FSIP 2564, FHP 3090</p> | <p>San Andres<br/> Glorieta<br/> Yeso<br/> Bone Springs Lm<br/> Green Abo Shale<br/> Wolfcamp Lime<br/> Canyon Lime<br/> Canyon Dolomite<br/> B. Dolomite</p> | <p>546<br/> 2108<br/> 2206<br/> 3300<br/> 5624<br/> 5694<br/> 7543<br/> 7588<br/> 7900</p> |                  |