

(July 1992)

**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**
**N.M. Conservation Division**  
 (800) 541-1111

8116 1st Street, February 28, 1995

 Artesia, NM 88210-2834  
 LEASE DESIGNATION AND SERIAL NO.  
 NM-0560353

**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"/>  |   |  |   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |                 |
| 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. RESVR. <input type="checkbox"/> Other <input type="checkbox"/> |   |  |   | 7. UNIT AGREEMENT NAME  |                 |
| 2. NAME OF OPERATOR<br>Chi Operating, Inc. /   |   |  |   | 8. FARM OR LEASE NAME, WELL NO.<br>Munchkin Federal #1  |                 |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. Box 1799 Midland, Texas 79702   |   |  |   | 9. API WELL NO.<br>30-015-30715 S1  |                 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>N Sec. 1, T19S, R30E 1060' FSL, 3210' FWL<br>At top prod. interval reported below<br>At total depth                                  |   |  |   | 10. FIELD AND POOL, OR WILDCAT<br>Benson Delaware<br>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>1-19-30 ut. N |                 |
| 15. DATE SPUDDED<br>1/5/2001   |   | 16. DATE T.D. REACHED<br>1/25/2001                 |   | 12. COUNTY OR PARISH<br>Eddy  |                 |
| 17. DATE COMPL. (Ready to prod.)<br>2/16/2001  |   | 18. ELEVATIONS (DF, RKB, RT, GE, ETC)*<br>2509' GL |   | 13. STATE<br>NM   |                 |
| 20. TOTAL DEPTH, MD, & TVD<br>6707'  |   | 21. PLUG BACK TD, MD & TVD<br>6665'                |   | 19. ELEV. CASING HEAD   |                 |
| 22. IF MULTIPLE COMPL. HOW MANY*<br>one  |   | 23. INTERVAL DRILLED BY<br>ROTARY TOOLS<br>yes     |   | CABLE TOOLS   |                 |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AN TVD)*<br>5086-5122'<br>Delaware   |   |  |   | 25. WAS DIRECTIONAL SURVEY MADE<br>Yes  |                 |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR-CAL-CVL, LDT, DDL, MSFL   |   |  |   | 27. WAS WELL CORED  |                 |
| 28. CASING RECORD (Report all strings set in well)   |   |  |   |   |                 |
| CASING SIZE/GRADE  | WEIGHT, LB./FT.   | DEPTH SET (MD)                                     | HOLE SIZE   | TOP OF CEMENT, CEMENTING RECORD   | AMOUNT PULLED   |
| 9 5/8" J-55  | 36#   | 494'   | 12 1/4"   | Circ. - 170 sks.  |                 |
| 5 1/2" J-55  | 15.5#   | 6707'  | 7 7/8"  | TOC 330-CBL   |                 |
| 29. LINER RECORD   |   |  |   |   |                 |
| SIZE   | TOP (MD)  | BOTTOM (MD)  | SACKS CEMENT  | SCREEN (MD)   | PACKER SET (MD) |
|  |   |  |   | 2 7/8"  |                 |
| 31. PERFORATION RECORD (Interval, size and number)<br>5086-5122 2SPF- 72 Holes   |   |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>5086-5122 2SPF<br>Acid-2000 gals 7.5% NeFe<br>Fractured 18000gals & 40000# |   |                 |
| 33. PRODUCTION   |   |  |   |   |                 |
| DATE FIRST PRODUCTION<br>2/16/2001   | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)<br>Flowing/Pumping |  |   | WELL STATUS (Producing or shut-in)<br>Producing   |                 |
| DATE OF TEST<br>2/19/2001  | HOURS TESTED<br>24  | CHOKE SIZE   | PROD'N FOR TEST PERIOD  | OIL - BBL.<br>72  | GAS - MCF<br>19 |
| WATER - BBL.<br>105  | GAS-OIL RATIO   |  |   |   |                 |
| FLOW. TUBING PRESS.<br>0   | CASING PRESSURE<br>0  | CALCULATED 24-HOUR RATE                            | OIL - BBL.  | GAS - MCF   | WATER - BBL.    |
| OIL GRAVITY - API (CORR.)  |   |  |   |   |                 |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold   |   |  |   | TEST WITNESSED BY<br>S. Mann  |                 |
| 35. LIST OF ATTACHMENTS  |   |  |   |   |                 |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

2/26/01

\*(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 representations as to any matter within its jurisdiction.

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