

(July 1992)

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1004-0137

811 S. 1st Street Expires: February 28, 1995

Artesia, NM 88210-2834  
LEASE DESIGNATION AND SERIAL NO.  
NM-84851

## 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"/> |                      |   |   | 7. UNIT AGREEMENT NAME  |   |
| 2. NAME OF OPERATOR<br>Chi Operating, Inc.  |                      |   |   | 8. FARM OR LEASE NAME, WELL NO.<br>Carbon Valley "15" Federal #1  |   |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. Box 1799 Midland, Texas 79702  |                      |   |   | 9. API WELL NO.<br>30-015-31281   |   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>660' FNL & 660' FEL<br>At top prod. interval reported below   |                      |   |   | 10. FIELD AND POOL, OR WILDCAT<br>Diamond Mound Morrow  |   |
| At total depth  |                      |   |   | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 15 - T16S - R27E  |   |
| 14. PERMIT NO.  |                      | DATE ISSUED<br>8/1/2000   |   | 12. COUNTY OR PARISH<br>Eddy  |   |
| 15. DATE SPUDDED<br>8/9/2000  |                      | 16. DATE T.D. REACHED<br>8/30/2000  |   | 13. STATE<br>NM   |   |
| 17. DATE COMPL. (Ready to prod.)<br>8/20/2000   |                      | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3587' GL                               |   | 19. ELEV. CASINGHEAD  |   |
| 20. TOTAL DEPTH, MD, & TVD<br>8900'   |                      | 21. PLUG BACK TD, MD & TVD<br>8846'   |   | 22. IF MULTIPLE COMPL., HOW MANY*<br>one  |   |
| 23. INTERVAL DRILLED BY   |                      |   |   | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*<br>8622-40' 4 SPF<br>Morrow Sands |   |
| 25. WAS DIRECTIONAL SURVEY MADE<br>Yes  |                      |   |   | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR-CAL-CNL, LDT, DDL, MSFL  |   |
| 27. WAS WELL CORED  |                      |   |   | 28. CASING RECORD (Report all strings set in well)  |   |
| CASING SIZE/GRADE<br>8 5/8 J-55   |                      | WEIGHT, LB./FT.<br>32   |   | DEPTH SET (MD)<br>1570  |   |
| HOLE SIZE<br>12 1/4"  |                      | TOP OF CEMENT, CEMENTING RECORD<br>0', CIRC. 20 SKS                               |   | AMOUNT PULLED   |   |
| 5 1/2 J-55/N-80   |                      | 17  |   | 8,900   |   |
| 7 7/8"  |                      | 1st stage 620 sks TOC 6025' CBL   |   | 2nd stage 400 sks TOC 2120' CBL   |   |
| 29. LINER RECORD  |                      | 30. TUBING RECORD   |   |   |   |
| SIZE  | TOP (MD)             | BOTTOM (MD)   | SACKS CEMENT*   | SCREEN (MD)   | SIZE  |
|   |                      |   |   |   | 2 7/8   |
|   |                      |   |   |   | 8,541   |
|   |                      |   |   |   | 8541  |
| 31. PERFORATION RECORD (Interval, size and number)<br>8622-40' 4 SPF  |                      |   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>8622-40' 4 SPF |   |   |
|   |                      |   | AMOUNT AND KIND OF MATERIAL USED<br>None  |   |   |
| 33.* PRODUCTION   |                      |   |   |   |   |
| DATE FIRST PRODUCTION<br>9/11/2000  |                      | 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>9/21/2000   | HOURS TESTED<br>24   | CHOKE SIZE<br>20/64   | PROD'N FOR TEST PERIOD  | OIL - BBL.<br>45  | GAS - MCF<br>3689                               |
| WATER - BBL.<br>0   | GAS-OIL RATIO        |   |   |   |   |
| FLOW TUBING PRESS.<br>1900  | 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>Sonny Mann                 |
| 35. LIST OF ATTACHMENTS<br>Dev. Survey  |                      |   |   |   |   |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records   |                      |   |   |   |   |
| SIGNED  |                      | TITLE   |   | DATE  |   |
| [Signature]   |                      | Engineer  |   | 12/6/2000   |   |

(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.