

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions  
on reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
BASIC DESIGNATION AND SERIAL NO.**CONFIDENTIAL**

NM 86153

## 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"/>   |  |  |  |                         |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |  |  |  |                     |  |                                 |  |                       |  |
| b. TYPE OF COMPLETION: 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>CONCHO RESOURCES INC.   |  |  |  |                         |  | 8. FARM OR LEASE NAME, WELL NO.<br>Tomcat '21' Federal #4   |  |  |  |                     |  |                                 |  |                       |  |
| 3. ADDRESS AND TELEPHONE NO.<br>110 W. Louisiana Ste 410; Midland, Tx 79701  |  |  |  |                         |  | 9. API WELL NO.<br>3002535103 SI  |  |  |  |                     |  |                                 |  |                       |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>660' FNL & 660' FWL<br>At top prod. interval reported below<br>SAME<br>At total depth              |  |  |  |                         |  | 10. FIELD AND POOL, OR WILDCAT<br>Diamondtail Delaware SW   |  |  |  |                     |  |                                 |  |                       |  |
| 14. PERMIT NO. DATE ISSUED   |  |  |  |                         |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 21, T-23S, R-32E  |  |  |  |                     |  |                                 |  |                       |  |
| 15. DATE SPUDDED<br>10/11/00   |  |  |  |                         |  | 12. COUNTY OR PARISH<br>Lea   |  |  |  |                     |  |                                 |  |                       |  |
| 16. DATE T.D. REACHED<br>11/02/00  |  |  |  |                         |  | 13. STATE<br>NM   |  |  |  |                     |  |                                 |  |                       |  |
| 17. DATE COMPL. (Ready to prod.)<br>12/22/00   |  |  |  |                         |  | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3672   |  |  |  |                     |  |                                 |  |                       |  |
| 19. ELEV. CASINGHEAD<br>3673   |  |  |  |                         |  | 20. TOTAL DEPTH, MD & TVD<br>8908   |  |  |  |                     |  |                                 |  |                       |  |
| 21. PLUG, BACK T.D., MD & TVD<br>8859  |  |  |  |                         |  | 22. IF MULTIPLE COMPL., HOW MANY*   |  |  |  |                     |  |                                 |  |                       |  |
| 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS  |  |  |  |                         |  | 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>7208-13' Delaware<br>8090-8100' Delaware<br>7366-84' Delaware<br>8448-8472' Delaware |  |  |  |                     |  |                                 |  |                       |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>No  |  |  |  |                         |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR GNL CDL AIT CMR CBL  |  |  |  |                     |  |                                 |  |                       |  |
| 27. WAS WELL CORED<br>No   |  |  |  |                         |  | 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       |  |                                 |  |                       |  |
| 13-3/8, H40  |  | 54.5   |  | 1209                    |  | 17-1/2  |  | surf. 860 sx C                             |  | 0                   |  |                                 |  |                       |  |
| 8-5/8, S80   |  | 32   |  | 4760                    |  | 11  |  | surf. 1300 sx C                            |  | 0                   |  |                                 |  |                       |  |
| 5-1/2, J55   |  | 17   |  | 8894                    |  | 7-7/8   |  | TOC @ 3920'. 600 sx H, 385 sx C            |  | 0                   |  |                                 |  |                       |  |
| 29. LINER RECORD   |  |  |  |                         |  | 30. TUBING RECORD   |  |  |  |                     |  |                                 |  |                       |  |
| SIZE   |  | TOP (MD)   |  | BOTTOM (MD)             |  | SACKS CEMENT*   |  | SCREEN (MD)                                |  | SIZE                |  | DEPTH SET (MD)                  |  | PACKER SET (MD)       |  |
|  |  |  |  |                         |  |   |  |  |  | 2-7/8               |  | 8457                            |  |                       |  |
| 31. PERFORATION RECORD (Interval, size and number)<br>8090-8100' (2 SPF, 21 shots)<br>7366-84' (2 SPF, 37 shots)<br>7208-13 (2 SPF, 10 shots)<br>8448-8472' (2 SPF, 49 shots)                                    |  |  |  |                         |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  |  |  |  |                     |  |                                 |  |                       |  |
|  |  |  |  |                         |  | DEPTH INTERVAL (MD)   |  | AMOUNT AND KIND OF MATERIAL USED           |  |                     |  |                                 |  |                       |  |
|  |  |  |  |                         |  | see attached<br>for acid & frac<br>data   |  | see attached for acid & frac data          |  |                     |  |                                 |  |                       |  |
|  |  |  |  |                         |  |   |  |  |  |                     |  |                                 |  |                       |  |
|  |  |  |  |                         |  |   |  |  |  |                     |  |                                 |  |                       |  |
| 33. * PRODUCTION   |  |  |  |                         |  |   |  |  |  |                     |  |                                 |  |                       |  |
| DATE FIRST PRODUCTION<br>12/27/00  |  | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>pumping (2-1/2"X1-1/2"X24') |  |                         |  |   |  | WELL STATUS (Producing or shut-in)<br>prod |  |                     |  |                                 |  |                       |  |
| DATE OF TEST<br>01/06/01   |  | HOURS TESTED<br>24   |  | CHOKE SIZE              |  | PROD'N FOR TEST PERIOD  |  | OIL---BBL.<br>149                          |  | GAS---MCF.<br>110   |  | WATER---BBL.<br>227             |  | GAS-OIL RATIO<br>1354 |  |
| FLOW. TUBING PRESS.  |  | CASING PRESSURE<br>40  |  | CALCULATED 24-HOUR RATE |  | OIL---BBL.<br>149   |  | GAS---MCF.<br>110                          |  | WATER---BBL.<br>227 |  | OIL GRAVITY-API (CORR.)<br>41.9 |  |                       |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>sold   |  |  |  |                         |  | TEST WITNESSED BY<br>Mark Hulse, Concho Resources Inc.  |  |  |  |                     |  |                                 |  |                       |  |
| 35. LIST OF ATTACHMENTS<br>sundry, C104, letter of confidentiality, logs   |  |  |  |                         |  |   |  |  |  |                     |  |                                 |  |                       |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  |  |  |  |                         |  |   |  |  |  |                     |  |                                 |  |                       |  |

SIGNED

TITLE

DATE 01/16/01

\*(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.

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TOP

**Concho Resources Inc.**

**Tomcat '21' Federal No. 4**

**Attachment – 3160-4**

**Item 32: Acid, Shot, Fracture, Cement Squeeze, ETC.**

| <u>Depth Interval</u> | <u>Amount &amp; Kind of Material Used</u>  |
|-----------------------|--|
| 8448-8472'            | Frac w/ 898 bbls gel, 78860# sand.   |
| 8090-8100'            | Acidize w/ 1000 gals 7.5% HCL.<br>Frac w/ 8500 gals Viking I30 carrying<br>2000# 16/30 Ottawa sand & 6000#<br>15/30 RC sand. |
| 7366-84'              | Acidize w/ 2000 gals 7.5% NEFE.<br>Frac w/ 36,350 gals gel & 10000# 16/30<br>Ottawa & 18000# RC sand.                        |