

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNBELT OIL CO. Division  
1625 N. French Dr.  
Hobbs, NM 88240FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
5. LEASE IDENTIFICATION AND SERIAL NO.  
NM 00136  
**CONFIDENTIAL**

## 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 _____                                                                                    |  |                                       |  | 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 _____ |  |                                       |  | 7. UNIT AGREEMENT NAME                                    |                                       |
| 2. NAME OF OPERATOR<br>CONCHO RESOURCES INC.                                                                                                                                                                                    |  |                                       |  | 8. FARM OR LEASE NAME, WELL NO.<br>Tomcat '20' Federal #1 |                                       |
| 3. ADDRESS AND TELEPHONE NO.<br>110 W LOUISIANA STE 410; MIDLAND TX 79701 (915) 683-7443                                                                                                                                        |  |                                       |  | 9. API WELL NO.<br>30025-34693                            |                                       |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>560' FNL & 560' FEL<br>At top prod. interval reported below<br>SAME<br>At total depth<br>SAME                     |  |                                       |  | 10. FIELD AND POOL, OR WILDCAT<br>Diamondtail Delaware SW |                                       |
| 14. PERMIT NO.                                                                                                                                                                                                                  |  |                                       |  | DATE ISSUED                                               | 12. COUNTY OR PARISH<br>LEA           |
| 15. DATE SPURRED<br>06/21/00                                                                                                                                                                                                    |  |                                       |  | 16. DATE T.D. REACHED<br>07/07/00                         | 13. STATE<br>NM                       |
| 17. DATE COMPL. (Ready to prod.)<br>08/11/00                                                                                                                                                                                    |  |                                       |  | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3657           | 19. ELEV. CASINGHEAD<br>3658          |
| 20. TOTAL DEPTH, MD & TVD<br>8850                                                                                                                                                                                               |  | 21. PLUG, BACK T.D., MD & TVD<br>8790 |  | 22. IF MULTIPLE COMPL., HOW MANY*                         | 23. INTERVALS DRILLED BY<br>XXX       |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>8426-8445' (Brushy Canyon)<br>7380-8069' (Delaware)                                                                                            |  |                                       |  |                                                           | 25. WAS DIRECTIONAL SURVEY MADE<br>No |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR/CNL/CDL AIT CMR                                                                                                                                                                      |  |                                       |  |                                                           | 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 - H-40     | 48             | 670            | 17-1/2    | 650 SX C - CIRC TO SURF         | 0             |
| 8-5/8 - K55/S80   | 32             | 4782           | 11        | 1225 SX C - CIRC TO SURF        | 0             |
| 5-1/2 - N80       | 17             | 8850           | 7-7/8     | 690 SX H - TOC @ 4850'          | 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                                          | 7307                                                                            |                 |
| 31. PERFORATION RECORD (Interval, size and number)<br>8426-8445' - 2 SPF (39 TOTAL)<br>7380-8069' - 2 SPF (65 TOTAL) |          |             |               |             | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                                 |                 |
|                                                                                                                      |          |             |               |             | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED                                                |                 |
|                                                                                                                      |          |             |               |             | 8426-8445                                      | Frac w/ 26500 gals Viking 130 gel w/ 61500# 16/30 White & 12000# 15/30 CR 4000. |                 |
|                                                                                                                      |          |             |               |             | 8061-69                                        | ACID PERFS W/ 1000 GALS 7-1/2%                                                  |                 |
|                                                                                                                      |          |             |               |             | SEE ATTACHED FOR MORE DETAILS                  |                                                                                 |                 |

|                                   |                       |                                                                                                                 |                        |                   |                     |                                            |                      |
|-----------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------|------------------------|-------------------|---------------------|--------------------------------------------|----------------------|
| 33. * PRODUCTION                  |                       |                                                                                                                 |                        |                   |                     |                                            |                      |
| DATE FIRST PRODUCTION<br>08/11/00 |                       | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>PUMPING: 2-1/2"x24' (1-1/2" BORE) PUMP |                        |                   |                     | WELL STATUS (Producing or shut-in)<br>PROD |                      |
| DATE OF TEST<br>08/19/00          | HOURS TESTED<br>24    | CHOKE SIZE                                                                                                      | PROD'N FOR TEST PERIOD | OIL---BBL.<br>182 | GAS---MCF.<br>160   | WATER---BBL.<br>182                        | GAS-OIL RATIO<br>879 |
| FLOW. TUBING PRESS.               | CASING PRESSURE<br>50 | CALCULATED 24-HOUR RATE                                                                                         | OIL---BBL.<br>182      | GAS---MCF.<br>160 | WATER---BBL.<br>182 | OIL GRAVITY-API (CORR.)<br>39.7            |                      |

|                                                                    |                                                     |
|--------------------------------------------------------------------|-----------------------------------------------------|
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>SOLD | TEST WITNESSED BY<br>M HULSE, CONCHO RESOURCES INC. |
|--------------------------------------------------------------------|-----------------------------------------------------|

|                                                                          |
|--------------------------------------------------------------------------|
| 35. LIST OF ATTACHMENTS<br>SUNDRY, C104, C102, LETTER OF CONFIDENTIALITY |
|--------------------------------------------------------------------------|

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

SIGNED

TITLE PRODUCTION ANALYST

DATE 08/24/00

\* (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):

| FORMATION     | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|---------------|------|--------|-----------------------------|
| RUSLTER       | 1150 |        |                             |
| BELL CANYON   | 4770 |        |                             |
| CHERRY CANYON | 5590 |        |                             |
| BRUSHY CANYON | 6850 |        |                             |
| BONE SPRING   | 8570 |        |                             |

| 38. GEOLOGICAL MARKERS |             |                  | 38. GEOLOGICAL MARKERS |             |                  |
|------------------------|-------------|------------------|------------------------|-------------|------------------|
| NAME                   | TOP         |                  | NAME                   | TOP         |                  |
|                        | MEAS. DEPTH | TRUE VERT. DEPTH |                        | MEAS. DEPTH | TRUE VERT. DEPTH |
| RUSLTER                | 1150        |                  |                        |             |                  |
| BELL CANYON            | 4770        |                  |                        |             |                  |
| CHERRY CANYON          | 5590        |                  |                        |             |                  |
| BRUSHY CANYON          | 6850        |                  |                        |             |                  |
| BONE SPRINGS           | 8570        |                  |                        |             |                  |

BLM  
ROSWELL, N

AUG 25 2000

RECEIVE

Tomcat 20 Federal No. 1  
Concho Resources Inc.

**CONFIDENTIAL**

Attachment to 3160-4 (Well Completion)

Item 32: Acid, Frac, Cmt Squeeze, Etc.

8061-69      Frac w/ 10500 gals Viking I30 gel w/ 20700# Ottawa & 6080# 16/30 CR  
4000.

7800-7809'    Acid w/ 1000 gals 7-1/2%

7380-7394'    Acid w/ 1500 gals 10/90 Aromatic Acid

7380-7394    Frac w/ 67000# 16/30 Ottawa sand & 12000# 16/30 RC

RECEIVED

AUG 25 2000

BLM

ROSWELL, NM