

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------|--------------------------------|
| 1a. TYPE OF WELL:                                                                                                                                                                                             |  | OIL WELL <input type="checkbox"/>                                               | GAS WELL <input type="checkbox"/>  | DRY <input type="checkbox"/>                                  | Other <input type="checkbox"/>     |                                                                           |                                |
| b. TYPE OF COMPLETION:                                                                                                                                                                                        |  | NEW WELL <input type="checkbox"/>                                               | WORK OVER <input type="checkbox"/> | DEEP-EN <input checked="" type="checkbox"/>                   | PLUG BACK <input type="checkbox"/> | DIFF. RESER. <input type="checkbox"/>                                     | Other <input type="checkbox"/> |
| 2. NAME OF OPERATOR<br>Continental Oil Company                                                                                                                                                                |  |                                                                                 |                                    |                                                               |                                    | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 2512                            |                                |
| 3. ADDRESS OF OPERATOR<br>Box 460, No BBS, N.M. 88240                                                                                                                                                         |  |                                                                                 |                                    |                                                               |                                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                      |                                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FNL & 1980' FNL OF SEC. 3<br>At top prod. interval reported below Same<br>At total depth Same |  |                                                                                 |                                    |                                                               |                                    | 7. UNIT AGREEMENT NAME<br>NMFU                                            |                                |
| 14. PERMIT NO.                                                                                                                                                                                                |  |                                                                                 |                                    |                                                               |                                    | 8. FARM OR LEASE NAME<br>HAWK B-3                                         |                                |
| DATE ISSUED                                                                                                                                                                                                   |  |                                                                                 |                                    |                                                               |                                    | 9. WELL NO.<br>16                                                         |                                |
| 15. DATE SPUNDED<br>2-18-77                                                                                                                                                                                   |  |                                                                                 |                                    |                                                               |                                    | 10. FIELD AND POOL, OR WILDCAT<br>NMFU Drinkard                           |                                |
| 16. DATE T.D. REACHED<br>3-8-77                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 3, T-215, R-37E |                                |
| 17. DATE COMPL. (Ready to prod.)<br>4-13-77                                                                                                                                                                   |  |                                                                                 |                                    |                                                               |                                    | 12. COUNTY OR PARISH<br>Lea                                               |                                |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>3497' DF                                                                                                                                                           |  |                                                                                 |                                    |                                                               |                                    | 13. STATE<br>N.M.                                                         |                                |
| 20. TOTAL DEPTH, MD & TVD<br>6920'                                                                                                                                                                            |  | 21. PLUG, BACK T.D., MD & TVD<br>6870'                                          |                                    | 22. IF MULTIPLE COMPL., HOW MANY*                             |                                    | 19. ELEV. CASINGHEAD                                                      |                                |
| 23. INTERVALS DRILLED BY<br>Rotary                                                                                                                                                                            |  |                                                                                 |                                    |                                                               |                                    | CABLE TOOLS                                                               |                                |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>6697'-6741' Drinkard                                                                                                         |  |                                                                                 |                                    |                                                               |                                    | 25. WAS DIRECTIONAL SURVEY MADE<br>NO                                     |                                |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CNL FDC DLL                                                                                                                                                           |  |                                                                                 |                                    |                                                               |                                    | 27. WAS WELL CORED<br>NO                                                  |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                            |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| CASINO SIZE                                                                                                                                                                                                   |  | WEIGHT, LB./FT.                                                                 |                                    | DEPTH SET (MD)                                                |                                    | HOLE SIZE                                                                 |                                |
| NO Change in CSF.                                                                                                                                                                                             |  | (504" Liner 500 Below)                                                          |                                    |                                                               |                                    |                                                                           |                                |
| 29. LINER RECORD                                                                                                                                                                                              |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| SIZE                                                                                                                                                                                                          |  | TOP (MD)                                                                        |                                    | BOTTOM (MD)                                                   |                                    | SACKS CEMENT*                                                             |                                |
| 4"                                                                                                                                                                                                            |  | 6237'                                                                           |                                    | 6920'                                                         |                                    | 35                                                                        |                                |
| 30. TUBING RECORD                                                                                                                                                                                             |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| SIZE                                                                                                                                                                                                          |  | DEPTH SET (MD)                                                                  |                                    | PACKER SET (MD)                                               |                                    |                                                                           |                                |
| 2 3/8"                                                                                                                                                                                                        |  | 6745'                                                                           |                                    |                                                               |                                    |                                                                           |                                |
| 31. PERFORATION RECORD (Interval, size and number)<br>6697'; 6707', 10, 18, 22, 25, 32, 41'<br>w/1 SSPF                                                                                                       |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| DEPTH INTERVAL (MD)                                                                                                                                                                                           |  |                                                                                 |                                    | AMOUNT AND KIND OF MATERIAL USED                              |                                    |                                                                           |                                |
| 6697'-6707'-6741'                                                                                                                                                                                             |  |                                                                                 |                                    | 1250 Gals 15% Acid<br>23,000 Gals w/1, 49,000 #<br>20-40 Sand |                                    |                                                                           |                                |
| 33. PRODUCTION                                                                                                                                                                                                |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| DATE FIRST PRODUCTION<br>4-13-77                                                                                                                                                                              |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>PUMPING |                                    |                                                               |                                    | WELL STATUS (Producing or shut-in)<br>Producing                           |                                |
| DATE OF TEST<br>4-19-77                                                                                                                                                                                       |  | HOURS TESTED<br>24                                                              |                                    | CHOKE SIZE                                                    |                                    | PROD'N. FOR TEST PERIOD                                                   |                                |
| FLOW. TUBING PRESS.                                                                                                                                                                                           |  | CASING PRESSURE                                                                 |                                    | CALCULATED 24-HOUR RATE                                       |                                    | OIL—BBL.                                                                  |                                |
|                                                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    | 59                                                                        |                                |
|                                                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    | 55-                                                                       |                                |
|                                                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    | 28                                                                        |                                |
|                                                                                                                                                                                                               |  |                                                                                 |                                    |                                                               |                                    | OIL GRAVITY-API (CORR.)                                                   |                                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold.                                                                                                                                           |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |
| 35. LIST OF ATTACHMENTS<br>TEST WITNESSED BY<br>M.K. Chubbloss                                                                                                                                                |  |                                                                                 |                                    |                                                               |                                    |                                                                           |                                |

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

SIGNED

TITLE

DATE

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

USGS (4), NMFU Partners (4), File

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal agency. See instructions on items 22 and 24 and 33 below regarding separate reports for separate completions.

[illegible]

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

For Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, showing the additional data pertinent to such interval.

interval, or intervals, top(s), bottom(s), and length(s) for each interval, showing the additional data pertinent to such interval. Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES:<br>SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS: AND ALL DRILL-STEM TESTS, INCLUDING<br>DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES | FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME         | TOP         |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|--------|-----------------------------|--------------|-------------|------------------|
|                                                                                                                                                                                                                                                       |           |     |        |                             |              | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Tansill      | 2525        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Yates        | 2670        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Seven Rivers | 2927        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Queen        | 3500        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Penrose      | 3652        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Grayburg     | 3827        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | San Andres   | 4058        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Glorieta     | 5302        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Blinberry    | 5783        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Tubb         | 6274        |                  |
|                                                                                                                                                                                                                                                       |           |     |        |                             | Drinkard     | 6588        |                  |

MAY 17 1977  
CIVIL CONSERVATION COMM.  
HOBBS, N. M.