

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## 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 _____                                                                            |  |                                                                      |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>Santa Fe 078913                  |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____    |  |                                                                      |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                    |  |
| 2. NAME OF OPERATOR<br>Mobil Producing TX. & N.M. Inc.                                                                                                                                                                  |  |                                                                      |  | 7. UNIT AGREEMENT NAME<br>Lindrith B Unit                               |  |
| 3. ADDRESS OF OPERATOR<br>9 Greenway Plaza, Suite 2700, Houston, Texas 77046                                                                                                                                            |  |                                                                      |  | 8. FARM OR LEASE NAME                                                   |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 990 FSL & 1840 FEL<br>At top prod. interval reported below Same as surface<br>At total depth Same as surface |  |                                                                      |  | 9. WELL NO.<br>17                                                       |  |
| 14. PERMIT NO. NA DATE ISSUED 4-13-81                                                                                                                                                                                   |  |                                                                      |  | 10. FIELD AND POOL, OR WILDCAT<br>Chacon-Dakota Associated              |  |
| 15. DATE SPUDDED 6-22-81 16. DATE T.D. REACHED 7-11-81 17. DATE COMPL. (Ready to prod.) 7-27-81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7035 GR                                                                         |  |                                                                      |  | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 16, T24N, R3W |  |
| 20. TOTAL DEPTH, MD & TVD 7704 21. PLUG, BACK T.D., MD & TVD 7670 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY X                                                                                          |  |                                                                      |  | 12. COUNTY OR PARISH<br>Rio Arriba                                      |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>Dakota 7394-7614                                                                                                                       |  |                                                                      |  | 13. STATE<br>New Mexico                                                 |  |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Comp Neut., Comp Dens, Ind. Elec. Log                                                                                                                                           |  |                                                                      |  | 19. ELEV. CASINGHEAD                                                    |  |
| 27. WAS WELL CORED<br>No                                                                                                                                                                                                |  |                                                                      |  | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                   |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                      |  |                                                                      |  |                                                                         |  |
| CASING SIZE                                                                                                                                                                                                             |  | WEIGHT, LB./FT.                                                      |  | DEPTH SET (MD)                                                          |  |
| 13-3/8                                                                                                                                                                                                                  |  | 48                                                                   |  | 342                                                                     |  |
| 8-5/8                                                                                                                                                                                                                   |  | 32, 24                                                               |  | 3900                                                                    |  |
| 4-1/2                                                                                                                                                                                                                   |  | 11.60&10.50                                                          |  | 7704                                                                    |  |
| HOLE SIZE                                                                                                                                                                                                               |  | CEMENTING RECORD                                                     |  | AMOUNT PULLED                                                           |  |
| 17-1/2                                                                                                                                                                                                                  |  | 350sx B                                                              |  | NA                                                                      |  |
| 11                                                                                                                                                                                                                      |  | 950sx B & 150sx B                                                    |  | NA                                                                      |  |
| 7-7/8                                                                                                                                                                                                                   |  | 1) 500sx B & 200sx B                                                 |  |                                                                         |  |
|                                                                                                                                                                                                                         |  | 2) 650sx B & 200sx B                                                 |  |                                                                         |  |
| 29. LINER RECORD                                                                                                                                                                                                        |  |                                                                      |  |                                                                         |  |
| SIZE                                                                                                                                                                                                                    |  | TOP (MD)                                                             |  | BOTTOM (MD)                                                             |  |
|                                                                                                                                                                                                                         |  |                                                                      |  |                                                                         |  |
| SACKS CEMENT*                                                                                                                                                                                                           |  | SCREEN (MD)                                                          |  |                                                                         |  |
|                                                                                                                                                                                                                         |  |                                                                      |  |                                                                         |  |
| 30. TUBING RECORD                                                                                                                                                                                                       |  |                                                                      |  |                                                                         |  |
| SIZE                                                                                                                                                                                                                    |  | DEPTH SET (MD)                                                       |  | PACKER SET (MD)                                                         |  |
| 2-3/8                                                                                                                                                                                                                   |  | 7515                                                                 |  |                                                                         |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                      |  |                                                                      |  |                                                                         |  |
| Perf w/1 JSPF 7585-7592, 7598-7614 (25 Holes)                                                                                                                                                                           |  |                                                                      |  |                                                                         |  |
| Perf w/1 JSPF 7505-7512 (8 Holes)                                                                                                                                                                                       |  |                                                                      |  |                                                                         |  |
| Perf w/1 JSPF 7394-7412 (19 Holes)                                                                                                                                                                                      |  |                                                                      |  |                                                                         |  |
| Perf w/1 JSPF 7443-7456 (14 Holes)                                                                                                                                                                                      |  |                                                                      |  |                                                                         |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                          |  |                                                                      |  |                                                                         |  |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                     |  | AMOUNT AND KIND OF MATERIAL USED                                     |  |                                                                         |  |
| 7585-7614                                                                                                                                                                                                               |  | 180bbls 2% KCL wtr+50 RCNBS                                          |  |                                                                         |  |
| 7505-7512                                                                                                                                                                                                               |  | SWF w/37,500gals&75000# 20/40 sd                                     |  |                                                                         |  |
| 7394-7456                                                                                                                                                                                                               |  | SWF w/18750gals&37500#20/40 sd                                       |  |                                                                         |  |
|                                                                                                                                                                                                                         |  | 183bbls 2% KCL wtr&50 RCNBS                                          |  |                                                                         |  |
| 33.* PRODUCTION SWF w/18750 gals + 37,500# 20/40 sd.                                                                                                                                                                    |  |                                                                      |  |                                                                         |  |
| DATE FIRST PRODUCTION                                                                                                                                                                                                   |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |  | WELL STATUS (Producing or shut-in)                                      |  |
| 7-27-81                                                                                                                                                                                                                 |  | Flowing                                                              |  | Producing                                                               |  |
| DATE OF TEST                                                                                                                                                                                                            |  | HOURS TESTED                                                         |  | CHOKE SIZE                                                              |  |
| 7-30-81                                                                                                                                                                                                                 |  | 24                                                                   |  | 16/64                                                                   |  |
| FLOW. TUBING PRESS.                                                                                                                                                                                                     |  | CASING PRESSURE                                                      |  | CALCULATED 24-HOUR RATE                                                 |  |
| 325                                                                                                                                                                                                                     |  | 1340                                                                 |  | 150                                                                     |  |
| OIL—BBL.                                                                                                                                                                                                                |  | GAS—MCF.                                                             |  | WATER—BBL.                                                              |  |
| 150                                                                                                                                                                                                                     |  | 85                                                                   |  | 30                                                                      |  |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                                 |  | 43.5 @ 60°                                                           |  |                                                                         |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Vented                                                                                                                                                    |  |                                                                      |  |                                                                         |  |
| TEST WITNESSED BY<br>K. D. Jones                                                                                                                                                                                        |  |                                                                      |  |                                                                         |  |
| 35. LIST OF ATTACHMENTS<br>Logs; Inclination Survey                                                                                                                                                                     |  |                                                                      |  |                                                                         |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                       |  |                                                                      |  |                                                                         |  |
| SIGNED <u>Roger Hooper</u>                                                                                                                                                                                              |  | TITLE <u>Authorized Agent</u>                                        |  | DATE <u>8-3-81</u>                                                      |  |

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

NMOC

# INSTRUCTIONS

**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, or both, 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**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.

**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, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** ~~Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)~~ **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| 37. SUMMARY OF POROUS ZONES: |  |      |        | 38. GEOLOGIC MARKERS                                                                              |             |                  |
|------------------------------|--|------|--------|---------------------------------------------------------------------------------------------------|-------------|------------------|
| FORMATION                    |  | TOP  | BOTTOM | DETH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES |             |                  |
|                              |  |      |        | DESCRIPTION, CONTENTS, ETC.                                                                       |             |                  |
|                              |  |      |        | NAME                                                                                              | MEAS. DEPTH | TRUE VERT. DEPTH |
| Dakota                       |  | 7394 | 7614   | UPPER ZONES NOT LOGGED                                                                            |             |                  |
|                              |  |      |        | Mesaverde                                                                                         | 4815        |                  |
|                              |  |      |        | Menefee                                                                                           | 4860        |                  |
|                              |  |      |        | Point Lookout                                                                                     | 5384        |                  |
|                              |  |      |        | Mancos                                                                                            | 5448        |                  |
|                              |  |      |        | Gallup                                                                                            | 6420        |                  |
|                              |  |      |        | Sanastee                                                                                          | 7010        |                  |
|                              |  |      |        | Greenhorn                                                                                         | 7306        |                  |
|                              |  |      |        | Graneros                                                                                          | 7366        |                  |
|                              |  |      |        | Dakota                                                                                            | 7390        |                  |