

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.

SF/file

## 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"/>                                                                                    |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM- 12441                                                                 |  |
| 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 <input type="checkbox"/> |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                             |  |
| 2. NAME OF OPERATOR<br>Western Reserves Oil Company ✓                                                                                                                                                                                              |  | 7. UNIT AGREEMENT NAME                                                                                           |  |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 993 Midland, TX 79702                                                                                                                                                                                          |  | 8. FARM OR LEASE NAME<br>Bevmor 24 Federal                                                                       |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' ENL & 1930' FEL<br>At top prod. interval reported below Sec. 13 T-5-S, R-24-E<br>At total depth 4090'                              |  | 9. WELL NO.<br>#4                                                                                                |  |
| 14. PERMIT NO.                                                                                                                                                                                                                                     |  | 13. STATE<br>NM                                                                                                  |  |
| DATE ISSUED                                                                                                                                                                                                                                        |  | 12. COUNTY OR PARISH<br>Chaves                                                                                   |  |
| 15. DATE SPUDDED<br>2-3-82                                                                                                                                                                                                                         |  | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>3932.8 GR                                                             |  |
| 16. DATE T.D. REACHED<br>2-13-82                                                                                                                                                                                                                   |  | 19. ELEV. CASINGHEAD<br>--                                                                                       |  |
| 17. DATE COMPL. (Ready to prod.)<br>4-21-82                                                                                                                                                                                                        |  | 20. TOTAL DEPTH, MD & TVD<br>4090                                                                                |  |
| 21. PLUG BACK T.D., MD & TVD<br>4090                                                                                                                                                                                                               |  | 22. IF MULTIPLE COMPL., HOW MANY*<br>--                                                                          |  |
| 23. INTERVALS DRILLED BY<br>--                                                                                                                                                                                                                     |  | ROTARY TOOLS<br>X                                                                                                |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION TOP, BOTTOM, NAME (MD AND TVD)*<br>3672-3844 Abo                                                                                                                                                     |  | CABLE TOOLS                                                                                                      |  |
| 25. WAS DIRECTIONAL SURVEY MADE<br>NO                                                                                                                                                                                                              |  | 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Compensated Density Dual Spaced Neutron Log, Guard Forxo Log             |  |
| 27. WAS WELL CORED<br>NO                                                                                                                                                                                                                           |  | 28. CASING RECORD (Report all strings set in well)                                                               |  |
| CASING SIZE                                                                                                                                                                                                                                        |  | WEIGHT, LB./FT.                                                                                                  |  |
| 13 3/8                                                                                                                                                                                                                                             |  | 40# H-40                                                                                                         |  |
| 4 1/2                                                                                                                                                                                                                                              |  | 10.5#                                                                                                            |  |
| DEPTH SET (MD)                                                                                                                                                                                                                                     |  | HOLE SIZE                                                                                                        |  |
| 949'                                                                                                                                                                                                                                               |  | 17 1/2                                                                                                           |  |
| 4090'                                                                                                                                                                                                                                              |  | 7 7/8                                                                                                            |  |
| CEMENTING RECORD                                                                                                                                                                                                                                   |  | AMOUNT PULLED                                                                                                    |  |
| 1000 sx                                                                                                                                                                                                                                            |  |                                                                                                                  |  |
| 250 sx                                                                                                                                                                                                                                             |  |                                                                                                                  |  |
| 29. LINER RECORD                                                                                                                                                                                                                                   |  | 30. TUBING RECORD                                                                                                |  |
| SIZE                                                                                                                                                                                                                                               |  | SIZE                                                                                                             |  |
| TOP (MD)                                                                                                                                                                                                                                           |  | DEPTH SET (MD)                                                                                                   |  |
| BOTTOM (MD)                                                                                                                                                                                                                                        |  | PACKER SET (MD)                                                                                                  |  |
| SACKS CEMENT*                                                                                                                                                                                                                                      |  | SCREEN (MD)                                                                                                      |  |
| 2 3/8                                                                                                                                                                                                                                              |  | 3620                                                                                                             |  |
| N/A                                                                                                                                                                                                                                                |  |                                                                                                                  |  |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                 |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                   |  |
| 3672-3684 7 shots                                                                                                                                                                                                                                  |  | DEPTH INTERVAL (MD)                                                                                              |  |
| 3706-3712 4 shots                                                                                                                                                                                                                                  |  | 3844-3672                                                                                                        |  |
| 3804-3810 4 shots                                                                                                                                                                                                                                  |  | AMOUNT AND KIND OF MATERIAL USED                                                                                 |  |
| 3830-3844 8 shots                                                                                                                                                                                                                                  |  | 30,000 gal. gelled 2% KCl &                                                                                      |  |
|                                                                                                                                                                                                                                                    |  | 30,000 gal. of CO <sub>2</sub> & 80,000#                                                                         |  |
|                                                                                                                                                                                                                                                    |  | 20/40 mesh sand                                                                                                  |  |
| 33.* U.S. GEOLOGICAL SURVEY PRODUCTION                                                                                                                                                                                                             |  | WELL STATUS (Producing or shut-in)                                                                               |  |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                              |  | Shut-in                                                                                                          |  |
| ---                                                                                                                                                                                                                                                |  |                                                                                                                  |  |
| PRODUCT (oil, gas, water, etc.)                                                                                                                                                                                                                    |  | pumping—size and type of pump                                                                                    |  |
| Flowing                                                                                                                                                                                                                                            |  |                                                                                                                  |  |
| DATE OF TEST                                                                                                                                                                                                                                       |  | HOURS TESTED                                                                                                     |  |
| 5-29-82                                                                                                                                                                                                                                            |  | 4 hours                                                                                                          |  |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                                |  | CASING PRESS.                                                                                                    |  |
| 886                                                                                                                                                                                                                                                |  | 905                                                                                                              |  |
| DISPOSITION OF GAS (Sold, used for test, vented, etc.)                                                                                                                                                                                             |  | TEST WITNESSED BY                                                                                                |  |
| Sold                                                                                                                                                                                                                                               |  | Mark Rowland                                                                                                     |  |
| 35. LIST OF ATTACHMENTS                                                                                                                                                                                                                            |  | 36. I hereby certify that the foregoing and attached logs and reports were determined from all available records |  |
|                                                                                                                                                                                                                                                    |  |                                                                                                                  |  |
| SIGNED                                                                                                                                                                                                                                             |  | DATE June 15, 1982                                                                                               |  |
| TITLE                                                                                                                                                                                                                                              |  |                                                                                                                  |  |
| U.S. GEOLOGICAL SURVEY                                                                                                                                                                                                                             |  |                                                                                                                  |  |
| ROSWELL, NEW MEXICO                                                                                                                                                                                                                                |  |                                                                                                                  |  |

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

# 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:** "Stacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**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:<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 |      |         |                                     | 38. GEOLOGIC MARKERS |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|-------------------------------------|----------------------|-------------|------------------|
| FORMATION                                                                                                                                                                                                                                             | TOP  | BOTTOM  | DESCRIPTION, CONTENTS, ETC.         | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
| San Andres                                                                                                                                                                                                                                            | 620  | 1585    | Sands, Limestone, Anhy              | San Andres           | 620         |                  |
| Glorieta                                                                                                                                                                                                                                              | 1585 | 3064    | Sands, Shales, Salt Limestone, Anhy | Glorieta             | 1585        |                  |
| Tubb                                                                                                                                                                                                                                                  | 3064 | 3620    | Sands, Dolomite, Anhy, Shales, Salt | Tubb                 | 3064        |                  |
| Abo                                                                                                                                                                                                                                                   | 3620 | TD 3935 | Sands, & Shale                      | Abo                  | 3620        |                  |

TEX -MEX DRILLING COMPANY



P.O. BOX 3759  
ABILENE, TEXAS 79604  
PHONE 915/677-9121  
Myrle Greathouse

BOX 1300  
CLOVIS STAR ROUTE  
ROSWELL, N. MEX. 88201  
PHONE 505-622-0022  
Monte Cowser

June 7, 1982

RECEIVED

JUN 17 1982

Western Reserves  
Box 2188  
Hobbs, New Mexico 88240

O. C. D.  
ARTESIA, OFFICE

RE: Bevmor Federal 24 #4  
Chavez County, New Mexico

Deviation Test

|      |     |
|------|-----|
| 389  | 1/4 |
| 952  | 1/2 |
| 1376 | 1/2 |
| 1822 | 1/2 |
| 2415 | 1   |
| 3045 | 1   |
| 3509 | 1   |
| 4090 | 1   |

TEX-MEX DRILLING COMPANY

BY Monte Cowser  
Monte Cowser, Vice President

Subscribed and sworn to before me this 7 day of June 1982

Dora Young Chavez, New Mexico.  
Notary Public County

My Commission Expires February 22, 1986.