

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                    |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|----------------------------------|------------------------------------------------|----------------------------------------|--|---------------------------------------------|--|--------------------------------|--|--------------------------------------------|--|-----------------|--|--|--|--|
| NO. OF COPIES RECEIVED                                                                                                                                                                                                             |  | DISTRIBUTION                                                        |  | DATE                             |                                                | FILE                                   |  | U.S.G.S.                                    |  | LAND OFFICE                    |  | OPERATOR                                   |  |                 |  |  |  |  |
|                                                                                                                                                                                                                                    |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| TYPE OF WELL                                                                                                                                                                                                                       |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 7. Unit Agreement Name                     |  |                 |  |  |  |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                         |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 8. Farm or Lease Name                      |  |                 |  |  |  |  |
| TYPE OF COMPLETION                                                                                                                                                                                                                 |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | STATE SEC. 2                               |  |                 |  |  |  |  |
| NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 9. Well No.                                |  |                 |  |  |  |  |
| Name of Operator                                                                                                                                                                                                                   |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 10                                         |  |                 |  |  |  |  |
| SHELL WESTERN E&P INC.                                                                                                                                                                                                             |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 10. Field and Pool, or Wildcat             |  |                 |  |  |  |  |
| Address of Operator                                                                                                                                                                                                                |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | HARE SIMPSON                               |  |                 |  |  |  |  |
| P.O. BOX 991, HOUSTON, TEXAS 77001                                                                                                                                                                                                 |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| Location of Well                                                                                                                                                                                                                   |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| N. LETTER T LOCATED 2310 FEET FROM THE SOUTH LINE AND 988 FEET FROM                                                                                                                                                                |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | 12. County                                 |  |                 |  |  |  |  |
| WEST LINE OF SEC. 2 TWP. 21-S AGE. 37-E NMPM                                                                                                                                                                                       |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | LEA                                        |  |                 |  |  |  |  |
| 1. Date Spudded                                                                                                                                                                                                                    |  | 16. Date T.D. Reached                                               |  | 17. Date Compl. (Ready to Prod.) |                                                | 18. Elevations (DF, RKB, RT, GR, etc.) |  | 19. Elev. Casinghead                        |  |                                |  |                                            |  |                 |  |  |  |  |
| 12-5-51                                                                                                                                                                                                                            |  | 1-14-85                                                             |  | 7-28-84                          |                                                | 3486' DF                               |  | -----                                       |  |                                |  |                                            |  |                 |  |  |  |  |
| 2. Total Depth                                                                                                                                                                                                                     |  | 21. Plug Back T.D.                                                  |  | 22. If Multiple Compl., How Many |                                                | 23. Intervals Drilled By               |  | Rotary Tools                                |  |                                |  |                                            |  |                 |  |  |  |  |
| 7985'                                                                                                                                                                                                                              |  | -----                                                               |  | N/A                              |                                                | -----                                  |  | X                                           |  |                                |  |                                            |  |                 |  |  |  |  |
| 3. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                   |  |                                                                     |  |                                  |                                                |                                        |  | 25. Was Directional Survey Made             |  |                                |  |                                            |  |                 |  |  |  |  |
| 7627' to 7941'                                                                                                                                                                                                                     |  |                                                                     |  |                                  |                                                |                                        |  | NO                                          |  |                                |  |                                            |  |                 |  |  |  |  |
| 4. Type Electric and Other Logs Run                                                                                                                                                                                                |  |                                                                     |  |                                  |                                                |                                        |  | 27. Was Well Cored                          |  |                                |  |                                            |  |                 |  |  |  |  |
| TEMPERATURE BASE (7300' - 7985')                                                                                                                                                                                                   |  |                                                                     |  |                                  |                                                |                                        |  | NO                                          |  |                                |  |                                            |  |                 |  |  |  |  |
| 5. CASING RECORD (Report all strings set in well)                                                                                                                                                                                  |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| CASING SIZE                                                                                                                                                                                                                        |  | WEIGHT LB./FT.                                                      |  | DEPTH SET                        |                                                | HOLE SIZE                              |  | CEMENTING RECORD                            |  | AMOUNT PULLED                  |  |                                            |  |                 |  |  |  |  |
| 13-3/8"                                                                                                                                                                                                                            |  | 48#                                                                 |  | 211'                             |                                                | 17-1/4"                                |  | 250 SX REGULAR                              |  | -----                          |  |                                            |  |                 |  |  |  |  |
| 8-5/8"                                                                                                                                                                                                                             |  | 32#                                                                 |  | 3152'                            |                                                | 11"                                    |  | 1700 SX 4% GEL + 100SX NEAT                 |  | -----                          |  |                                            |  |                 |  |  |  |  |
| 5-1/2"                                                                                                                                                                                                                             |  | 17,15.5#                                                            |  | 7984'                            |                                                | 7-7/8"                                 |  | 500 SX 4%, 70 SX STRATA-CRETE + 300 SX NEAT |  | -----                          |  |                                            |  |                 |  |  |  |  |
| 6. LINER RECORD                                                                                                                                                                                                                    |  |                                                                     |  |                                  | 30. TUBING RECORD                              |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| SIZE                                                                                                                                                                                                                               |  | TOP                                                                 |  | BOTTOM                           |                                                | SACKS CEMENT                           |  | SCREEN                                      |  | SIZE                           |  | DEPTH SET                                  |  | PACKER SET      |  |  |  |  |
|                                                                                                                                                                                                                                    |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| 7. Perforation Record (Interval, size and number)                                                                                                                                                                                  |  |                                                                     |  |                                  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| 7627' to 7941' (456 - 1/8" HOLES)                                                                                                                                                                                                  |  |                                                                     |  |                                  | DEPTH INTERVAL                                 |                                        |  |                                             |  |                                |  | AMOUNT AND KIND MATERIAL USED              |  |                 |  |  |  |  |
| (DATE: 1-18-52)                                                                                                                                                                                                                    |  |                                                                     |  |                                  | 6932' - 7452'                                  |                                        |  |                                             |  |                                |  | 400 SX CLASS "C" (SQUEEZED)                |  |                 |  |  |  |  |
|                                                                                                                                                                                                                                    |  |                                                                     |  |                                  | 7627' - 7941'                                  |                                        |  |                                             |  |                                |  | ACIDIZED W/2000 GALS 15% NEA               |  |                 |  |  |  |  |
|                                                                                                                                                                                                                                    |  |                                                                     |  |                                  | 7627' - 7789'                                  |                                        |  |                                             |  |                                |  | FRAC TREATED W/40,000 GALS X-LINKED 2% KCL |  |                 |  |  |  |  |
| 8. PRODUCTION                                                                                                                                                                                                                      |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| 9. Date First Production                                                                                                                                                                                                           |  | Production Method (Flowing, gas lift, pumping - Size and type pump) |  |                                  |                                                |                                        |  |                                             |  | Well Status (Prod. or Shut-in) |  |                                            |  |                 |  |  |  |  |
| 7-28-84                                                                                                                                                                                                                            |  | PUMPING - 2" X 1-1/6", X 25' HIGHLAND PUMP                          |  |                                  |                                                |                                        |  |                                             |  | PRODUCING                      |  |                                            |  |                 |  |  |  |  |
| 10. Date of Test                                                                                                                                                                                                                   |  | Hours Tested                                                        |  | Choke Size                       |                                                | Prod'n. For Test Period                |  | Oil - Bbl.                                  |  | Gas - MCF                      |  | Water - Bbl.                               |  | Gas - Oil Ratio |  |  |  |  |
| 8-26-84                                                                                                                                                                                                                            |  | 24                                                                  |  | ---                              |                                                | -----                                  |  | 23                                          |  | 63                             |  | 0                                          |  | 2739            |  |  |  |  |
| 11. Flow Tubing Press.                                                                                                                                                                                                             |  | Casing Pressure                                                     |  | Calculated 24-Hour Rate          |                                                | Oil - Bbl.                             |  | Gas - MCF                                   |  | Water - Bbl.                   |  | Oil Gravity - API (Corr.)                  |  |                 |  |  |  |  |
| -----                                                                                                                                                                                                                              |  | 30                                                                  |  | -----                            |                                                |                                        |  |                                             |  |                                |  | 41.8                                       |  |                 |  |  |  |  |
| 12. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                         |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  | Test Witnessed By                          |  |                 |  |  |  |  |
| SOLD                                                                                                                                                                                                                               |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| 13. List of Attachments                                                                                                                                                                                                            |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| C-102(3), C-103(3), C-104(5)                                                                                                                                                                                                       |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.                                                                                                |  |                                                                     |  |                                  |                                                |                                        |  |                                             |  |                                |  |                                            |  |                 |  |  |  |  |
| SIGNED <i>Ag. June</i>                                                                                                                                                                                                             |  |                                                                     |  |                                  | TITLE SUPERVISOR REG. & PERMITS                |                                        |  |                                             |  | DATE JANUARY 8, 1985           |  |                                            |  |                 |  |  |  |  |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or reopened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                            |                             |                        |
|--------------------------|----------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____            | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____            | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| T. Salt _____            | T. Atoka _____             | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____              | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____          | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____          | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____           | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____ 7533'     | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 5292'  | T. McKee _____ 7563'       | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____ 7969' | T. Dakota _____             | T. _____               |
| T. Blinbry _____         | T. Gr. Wash _____          | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____           | T. Todilto _____            | T. _____               |
| T. Drinkard _____ 6594'  | T. Delaware Sand _____     | T. Entrada _____            | T. _____               |
| T. Abo _____ 6857'       | T. Bone Springs _____      | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____                   | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____                   | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                   | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|--------------------------|------|----|----------------------|-----------|
| 0    | 215  | 215                  | SAND, CALICHE & RED BEDS |      |    |                      |           |
| 215  | 1287 | 1072                 | RED BEDS & ANHYDRITE     |      |    |                      |           |
| 1287 | 2714 | 1427                 | ANHYDRITE & SALT         |      |    |                      |           |
| 2714 | 3160 | 446                  | ANHYDRITE & DOLOMITE     |      |    |                      |           |
| 3160 | 7499 | 4339                 | DOLOMITE                 |      |    |                      |           |
| 7499 | 7575 | 76                   | DOLOMITE & SAND          |      |    |                      |           |
| 7575 | 7806 | 231                  | SAND & SHALE             |      |    |                      |           |
| 7806 | 7985 | 179                  | SAND, SHALE & LIME       |      |    |                      |           |

RECEIVED

JAN 11 1985

OIL  
FIELD OFFICE