

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
NEW MEXICO, IN DUPLICATE  
Artesia, NM 88210  
(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

45F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

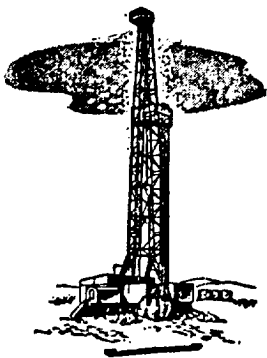
|                                                                                                                                                                                                                                         |                                                                                                |                                                                                                                                   |                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>                                                                                                        |                                                                                                | 5. LEASE DESIGNATION AND SERIAL NO.<br>LC 065680                                                                                  |                                                     |
| 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 <input type="checkbox"/> |                                                                                                | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                                                                              |                                                     |
| 2. NAME OF OPERATOR<br>Siete Oil and Gas Corporation                                                                                                                                                                                    |                                                                                                | 7. UNIT AGREEMENT NAME                                                                                                            |                                                     |
| 3. ADDRESS OF OPERATOR<br>P. O. Box 2523, Roswell, NM 88201                                                                                                                                                                             |                                                                                                | 8. FARM OR LEASE NAME<br>Blackhawk Federal                                                                                        |                                                     |
| 4. LOCATION OF WELL (Report location clearly and in accordance with local state requirements)<br>At surface 2040' FSL, 920 FSL FWL<br>At top prod. interval reported below Same<br>At total depth Same                                  |                                                                                                | 9. WELL NO.<br>#3                                                                                                                 |                                                     |
| 10. FIELD AND POOL, OR WILDCAT<br>Shugart - Penrose                                                                                                                                                                                     |                                                                                                | 11. SEC., T., R., & OR BLOCK AND SURVEY OR AREA<br>Sec. 24, T18S, R31E                                                            |                                                     |
| 12. COUNTY OR PARISH<br>Eddy                                                                                                                                                                                                            |                                                                                                | 13. STATE<br>NM                                                                                                                   |                                                     |
| 15. DATE SPUDDED<br>1/12/86                                                                                                                                                                                                             | 16. DATE T.D. REACHED<br>1/20/86                                                               | 17. DATE COMPL. (Ready to prod.)<br>2/01/86                                                                                       | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*<br>3692' GR |
| 19. ELEV. CASINGHEAD<br>3694'                                                                                                                                                                                                           | 20. TOTAL DEPTH, MD & TVD<br>4500'                                                             |                                                                                                                                   |                                                     |
| 21. PLUG, BACK T.D., MD & TVD<br>4463                                                                                                                                                                                                   | 22. IF MULTIPLE COMPL., HOW MANY*<br>N/A                                                       | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>4500'                                                                                 | CABLE TOOLS                                         |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>3722' to 3747' - Penrose 14 shots                                                                                                                      |                                                                                                |                                                                                                                                   | 25. WAS DIRECTIONAL SURVEY MADE<br>Yes              |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>Schlumberger - CNL - LDT - GR - Calip - DLL - MSFL                                                                                                                                              |                                                                                                |                                                                                                                                   | 27. WAS WELL CORED<br>No                            |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                      |                                                                                                |                                                                                                                                   |                                                     |
| CASING SIZE                                                                                                                                                                                                                             | WEIGHT, LB./FT.                                                                                | DEPTH SET (MD)                                                                                                                    | HOLE SIZE                                           |
| 8 5/8"                                                                                                                                                                                                                                  | 24#                                                                                            | 351' KB                                                                                                                           | 12 1/4"                                             |
| 5 1/2"                                                                                                                                                                                                                                  | 15.5#                                                                                          | 4498' KB                                                                                                                          | 7 7/8"                                              |
| 29. LINER RECORD                                                                                                                                                                                                                        |                                                                                                | 30. TUBING RECORD                                                                                                                 |                                                     |
| SIZE                                                                                                                                                                                                                                    | TOP (MD)                                                                                       | BOTTOM (MD)                                                                                                                       | SACKS CEMENT*                                       |
| N/A                                                                                                                                                                                                                                     |                                                                                                |                                                                                                                                   |                                                     |
| 31. PERFORATION RECORD (Interval, size and number)<br>3722' to 3747' - .32 - 14 shots                                                                                                                                                   |                                                                                                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                    |                                                     |
| 33. PRODUCTION                                                                                                                                                                                                                          |                                                                                                | 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                |                                                     |
| DATE FIRST PRODUCTION<br>2/01/86                                                                                                                                                                                                        | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Pumping - (Jensen 114) | WELL STATUS (Producing or shut-in)<br>Producing                                                                                   |                                                     |
| DATE OF TEST<br>2/05/86                                                                                                                                                                                                                 | HOURS TESTED<br>17                                                                             | CHOKE SIZE<br>N/A                                                                                                                 | PROD'N. FOR TEST PERIOD<br>178                      |
| FLOW, TUBING PRESS.<br>N/A                                                                                                                                                                                                              | CASING PRESSURE<br>N/A                                                                         | CALCULATED 24-HOUR RATE<br>178                                                                                                    | OIL—BBL.<br>126                                     |
| 35. LIST OF ATTACHMENTS<br>NM OCD Forms, C-124, C-116-2, Schlumberger Open Hole Logs - Deviation Survey                                                                                                                                 |                                                                                                | 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records |                                                     |
| SIGNED <i>[Signature]</i>                                                                                                                                                                                                               |                                                                                                | TITLE Production Supervisor                                                                                                       |                                                     |
| DATE 2/05/86                                                                                                                                                                                                                            |                                                                                                | DATE 2/05/86                                                                                                                      |                                                     |

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

| FORMATION | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.     | NAME       | TOP         |                  |
|-----------|-------|--------|---------------------------------|------------|-------------|------------------|
|           |       |        |                                 |            | MEAS. DEPTH | TRUE VERT. DEPTH |
| Penrose   | 3716' | 3746'  | Sandstone, oil, producing       | B/Salt     | 2152'       |                  |
| Grayburg  | 4236' | 4320'  | Sandstone, salt water, no tests | Yates      | 2422'       |                  |
| Grayburg  | 4406' | 4432'  | Sandstone, salt water, no tests | Queen      | 3483'       |                  |
|           |       |        |                                 | Penrose    | 3716'       |                  |
|           |       |        |                                 | Grayburg   | 4052'       |                  |
|           |       |        |                                 | San andres | 4432'       |                  |

38. GEOLOGIC MARKERS



Telephone (505) 748-2205

## L & M DRILLING, INC. — Oil Well Drilling Contractors

P. O. BOX ~~572~~ / ARTESIA, NEW MEXICO 88210  
470

January 30, 1986

Siete Oil & Gas  
PO Box 2523  
Roswell, NM 88201

Re: Blackhawk Federal  
2040' FSL & 920' FWL  
Sec. 24, T18S, R31E  
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 357'  | 1/4°      |
| 851'  | 1/2°      |
| 1371' | 1/2°      |
| 1874' | 1/2°      |
| 2289' | 1/2°      |
| 2729' | 1/2°      |
| 3230' | 1/2°      |
| 3731' | 1/4°      |
| 4115' | 3/4°      |
| 4500' | 1°        |

Very truly yours,

  
B. N. Muncy Jr.  
President

STATE OF NEW MEXICO §  
COUNTY OF EDDY §

The foregoing was acknowledged before me this 30th day of January, 1986.

  
NOTARY PUBLIC

