Form 3160 4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

| WELL COMPLETION OR RECOMPLETION | REPORT AND LO |
|---------------------------------|---------------|

| | WELL (| COMPL | ETION C |)K KE | :COI | MPLETI | ON R | EPOR | I AND | LOG | | | ase Serial N MSF07931 | | | |
|---|--|---------------------|-------------------|---|-----------|----------------|--|----------------------------------|--------------------------|---|---------------------------------------|--|--|-----------------|---|--|
| la. Type of | ype of Well ☐ Oil Well ☑ Gas Well ☐ Dry ☐ Other ype of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. | | | | | | | | Pecur | 6. If Indian, Allottee or Tribe Name | | | | | | |
| o. Type of | Completion | Othe | | | - C | | ——— | ۰۰۰ | ug Dack | <i>D</i> III. 1 | ccsvi. | 7. Uı | nit or CA Ag | greemer | nt Name and No. | |
| Name of Operator | | | | | | | | | | | | Lease Name and Well No. SCHWERDTFEGER A 5F | | | | |
| 3. Address | 2700 FAR FARMING | | | DG K, | SUIT | E 1 | | | No. (includ 24.1090 E | le area code xt: 4020 |) | 9. A | PI Well No. | 30-045 | 5-31052-00-C2 | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 6 T27N R8W Mer NMP At surface NESE 2500ESI, 660EEI | | | | | | | | | | | | | | | | |
| At surface NESE 2500FSL 660FEL 11. Sec., T., R., M., or Block and Surve or Area Sec 6 T27N R8W Mer NI | | | | | | | | | | | | | Block and Survey N R8W Mer NMP | | | |
| At total | | eponed b | ció vi | | | | | | | | | | County or Pa | rish | 13. State NM | |
| 14. Date Spudded 06/04/2002 15. Date T.D. Reached 06/04/2002 16. Date Completed □ D & A ■ Ready to Prod. 01/02/2003 | | | | | | | | | | 17. Elevations (DF, KB, RT, GL)* 6429 GL | | | | | | |
| 18. Total D | epth: | MD TVD | 7340 | | 19. | Plug Back | T.D.: | MD TVD | | 285 | 20. Dep | th Bri | ige Plug Set | | ID VD | |
| 21. Type El CALIPE | lectric & Oth R GR OTH | er Mechai SP GAL | nical Logs R | un (Sub | mit co | opy of each |) | | | Was | well cored DST run? ctional Sur | | 🔀 No 🏻 🕻 | 🕽 Yes (| (Submit analysis) (Submit analysis) (Submit analysis) | |
| 23. Casing an | d Liner Reco | ord (Repo | rt all strings | set in v | vell) | | | | | | | | | | | |
| Hole Size | Size/G | rade | Wt. (#/ft.) | .) Top (MD) | | Bottom (MD) | | Cement Depth | | | | Vol. L) | Cement T | op* | Amount Pulled | |
| 12.250 | 9.6 | 325 J-55 | 36.0 | .0 | | 28 | 3 | | 17 | | 5 | | 0 | | 0 | |
| 8.750 | | 000 J-55 | 20.0 | <u> </u> | | 2910 | | | 400 | | _ | 0 | | 0 | 0 | |
| 6.250 | | 500 J-55 | 11.0 | † · · · · · · · · · · · · · · · · · · · | | 7340 | | | 525 | | 1 | | | 4900 | 0 | |
| 6.250 | 4.5 | 500 J-55 | 11.0 | | | 734 | 101 | | | 52 | 5 | | | <u>1975</u> | | |
| | | | | | | | | | | | | | | | | |
| 24. Tubing | Record | | | | | | | | | | · | | | | | |
| | Depth Set (N | | acker Depth | (MD) | Si | ze De | pth Set (| MD) | Packer De | epth (MD) | Size | De | pth Set (MI |)) P | Packer Depth (MD) | |
| 2.375 25. Producir | | 7088 | | | L | 1 2 | 6 Darfor | ration Re | nord | | L | | | | | |
| | ormation | | Тор | | Da | | | | | ——Т | Size | Ι, | | | D | |
| A) | | icos | ТОР | 6217 | | 6400 | | Perforated Interval 6217 TO 6 | | | | | io. Holes | | Perf. Status | |
| B) | | | | <u> </u> | | - 0 100 | | | 0217 | 10 0700 | 0.0 | <u> </u> | , , , , , , , , , , , , , , , , , , , | | | |
| C) | | | | | | | ÷ | | | · · · · · · · · · · · · · · · · · · · | | | · White Section 2 Company of the Com | | | |
| D) | | | | | | | | | | | | | ACCEP | TED I | FOR RECORD | |
| 27. Acid, Fr | acture, Treat | ment, Cer | nent Squeez | e, Etc. | | | | | | | | | 1 | | | |
| | Depth Interva | | | | | | | | | nd Type of M | Material | | | | 5 2002 | |
| | | | 400 A. W/10 | | | | | FRAC V | V/52,780 | | | | J. | IIA T | 9 56.13 | |
| | 62 | 217 TO 64 | 400 20/40 C | TTAWA | SD & | 19,971# R | CS | | | | | | FARROW | HOTON | PIELD OFFICE | |
| | | | | | | | | | | | | | 3A | | | |
| 28. Producti | ion - Interval | A | | | - | | | | · | | | | | | | |
| Date First | Test | Hours | Test | Oil | | Gas | Water | | Gravity | Gas | | Product | on Method | | | |
| Produced 01/02/2003 | | | Production | BBL 0.0 | | MCF 32.0 | BBL 0.0 | | rr. API | API Grav | | /ity | | FLOWS FROM WELL | | |
| Choke | noke Tbg. Press. Csg. 24 | | 24 Hr. | Oil | | Gas | Water | Gas | s:Oil | il Well S | | | (A) | | 3 | |
| | | Rate | te BBL | | MCF 38 | BBL | Rat | io , | · | | | AND WE | ್ಷಣ | | | |
| | tion - Interva | <u> </u> | <u> </u> | <u> </u> | | | <u>. </u> | <u> </u> | | | GSI | Í | | - CO | रं डी | |
| Date First | Test | Hours | Test | Oil | | Gas | Water | | Gravity | Gas | | Product | on Method 🔊 | | 7 6 B | |
| Produced | Date | Tested | Production | BBL | \perp | MCF | BBL | | π. API | Gravi | | j. | | | 9. A | |
| Choke Size | Tog. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | | Gas MCF | Water BBL | Gas Rat | s:Oil io | Well : | Status | | (6) | ブ ゜` | (1) | |

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #16873 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

| 28b. Prod | uction - Interv | al C | | | | | | ı. | | | | | |
|--|---|-------------------------|-----------------------------|-------------------------------|------------------------------|------------------------------|--|---------------------------------------|---|-----------------------|----------------|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | Gas Gravity | Production Method | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | | Well Status | latus | | | |
| 28c. Prod | uction - Interv | al D | | • | | | | | <u> </u> | | · | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | Gas Gravity | Production Method | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | | Well Status | | | | |
| 29. Dispo | sition of Gas(S | Sold, used f | or fuel, vent | ed, etc.) | | | | | | | | | |
| 30. Sumn Show tests, | nary of Porous all important a including deptle ecoveries. | zones of po | rosity and c | ontents there | eof: Cored i e tool open, | ntervals and flowing and | l all drill-ster d shut-in pres | n ssures | 31. Fo | ormation (Log) Mark | ers | | |
| | Formation | | Тор | Bottom | | Descripti | ons, Content | s, etc. | | Name | | Top Meas. Depth | |
| SAN JOSE NACIMIENTO OJO ALAMO 32. Additional remarks (include plugging NO REMARK PROVIDED | | | | 558 1697 1813 | | | | | CLIFF HOUSE POINT LOOKOUT MANCOS GALLUP GREENHORN DAKOTA MORRISON | | | 4206 4884 5212 6060 6831 6894 7216 | |
| 1. El | e enclosed attace | nical Logs | ` | • / | | 2. Geologi | • | | 3. DST R | Leport | 4. Direction | nal Survey | |
| 5. Su | indry Notice fo | r plugging | and cement | verification | l | 6. Core Ar | naiysis | | 7 Other: | | | | |
| | eby certify that | | Elect Committed | tronic Subn F | nission #168 or XTO EN | - 873 Verifie VERGY IN | d by the BLI C, sent to that tthew Halbe | M Well Ir ne Farmin ert on 01/1 | nformation S igton | 1XH0346SE) | ned instructio | ns): | |
| Signature (Electronic Submission) | | | | | | | D: | Date <u>01/03/2003</u> | | | | | |
| | | | | | | | | | | | | | |
| Title 18 U | J.S.C. Section ited States any | 1001 and 7 false, ficti | Title 43 U.S. tious or frad | C. Section 1 Julent statem | 212, make nents or repr | it a crime for | or any person as to any ma | knowingl tter withir | y and willful n its jurisdicti | ly to make to any der | partment or a | gency | |