Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

| BUREAU OF LAND MANAGEMENT | |
|---------------------------|------|
| | |

| | WELL | JUMPL | LETION C | K KE | CON | IPLE | IION | KEPUI | KI. | AND L | .06 | | 3. | NMSF079 | | | | | |
|------------------------------------|--------------------------------------|--------------------------|--|------------|----------------|----------------------|--------------|---------------------------------------|--------------------|-----------------------|-----------------------|----------|---|---|---------------------|--|--|--|--|
| la. Type of | Well _ | Oil Well | ⊠ Gas | Well | D _D | | Other | | | | | | 6. | If Indian, A | Allottee o | or Tribe Name | | | |
| b. Type of | f Completion | _ | New Well er | □ Woı | rk Ove | г С | Deepei | n 🗀 1 | Plug | Back | □ Diff. | Resvr. | 7. | Unit or CA | Agreen | nent Name and No. | | | |
| | NGTON RE | | ES O&G CC | LP | (| Contact | E-Mai | Y COLE I: pcole@ |)br-i | | | | 8. Lease Name and Well No. SJ 27-5 96N | | | | | | |
| 3. Address | 3401 EAS FARMING | ST 30TH STON, N | M 87499 | | | | | 3a. Phone Ph: 505. | | | e area cod | e) | 9. | 9. API Well No. 30-039-27275-00-C2 | | | | | |
| | Sec 1 | 5 T27N F | ion clearly ar R5W Mer NN | ΛP | | | | • | ĺ | * | | | 10. | 10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA | | | | | |
| At surfa | - | | NL 2555FEL | 36.573 | 333 N | Lat, 10 | 17.34500 | J W LON | | | | | 11. | Sec., T., I | R., M., o Sec 15 | r Block and Survey [27N R5W Mer NMI | | | |
| At top p At total | orod interval depth | reported t | oelow | | | | | | | | | | 12 | 12. County or Parish RIO ARRIBA NM | | | | | |
| 14. Date S ₁ 04/30/2 | | | 15. Date T.D. Reache 05/10/2003 | | | ned | | | | Complete | ed Ready to | Prod. | 17. | 17. Elevations (DF, KB, RT, GL)* 6691 GL | | | | | |
| 18. Total D | Depth: | MD TVD | 7948 | _ | 19. F | Plug Ba | ck T.D.: | | - | | 44 | | Depth F | Bridge Plug | Set: | MD TVD | | | |
| 21. Type E CBL C | | | anical Logs R | un (Sub | mit co | py of ea | ach) | 1 4 | | | | S DST ru | ın? | red? No Yes (Submit analysis) | | | | | |
| 23. Casing a | nd Liner Rec | ord (Rep | ort all strings | set in v | vell) | | | | | | Dire | ectional | Survey | ? 🛛 No | □ Ye | s (Submit analysis) | | | |
| Hole Size | Size/G | | Wt. (#/ft.) | To (MI | | Botto (MD | | ge Cemer Depth | nter | | f Sks. & of Cement | | rry Vol BBL) | Cemer | nt Top* | Amount Pulled | | | |
| 12.250 | | 25 H-40 | | | 0 | | 137 | | _ | | | 12 | | | | | | | |
| 8.750 6.250 | | 000 J-55 500 J-55 | | - | 0 | | 711 | | _ | | 55 28 | | | - | 3140 | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | - | | | | | | | |
| 24. Tubing | Record | | <u> </u> | <u> </u> | | | | | | | | <u>l</u> | | | · | <u> </u> | | | |
| Size | Depth Set (N | AD) F | acker Depth | (MD) | Siz | e I | Depth Se | t (MD) | P | acker De _l | oth (MD) | Siz | e | Depth Set (| MD) | Packer Depth (MD) | | | |
| 2.375 25. Produci | ng Intervals | 7553 | | | <u> </u> | | 26. Per | foration I | Reco | rd | | | | | | | | | |
| Fe | ormation | | Тор | | Bot | tom | | Perfora | ated 1 | Interval | | Siz | e | No. Holes | s | Perf. Status | | | |
| A) | MESAVI | ERDE | | 5174 | | 6054 | | | | | O 5564 | | 0.330 | | 25 OPE | | | | |
| B) | | | | | | | | | | 5644 | O 6054 | | 0.330 | · · · · · · · · | 25 OPE | :N | | | |
| D) | | | | | | | _ | · · · · · · · · · · · · · · · · · · · | | | | | | | Ton | 18 15 C. S. | | | |
| 27. Acid, F | racture, Trea | tment, Ce | ment Squeez | e, Etc. | | | | | | | | | | Z | 12 | • | | | |
| | Depth Interv | | 704 1010 0 | | | | | | | | d Type of | Materia | 1 | | · • | 2003 | | | |
| | | | 564 1018 BE | | | | | | | | | | | $ \geq$ | | CL | | | |
| | | | ,007 | | | ,,,,,,,, | | | | | | | | 10 | 4 | CD | | | |
| | | | | | | | | | | | | | | 0 | | Cia | | | |
| 28. Product | ion - Interva | Hours | Test | TOil | To | ìas | Water | 16 | Dil Co | | Ico | | I n 4 | | W 0 | 7 | | | |
| Produced 06/05/2003 | Date 06/05/2003 | Tested | Production | BBL 0.0 | M | ras 1CF 1193.0 | BBL | | Oil Gra Corr. A | | Gas Grav | rity | Prod | luction Method | OWS FR | S & S TO S | | | |
| Choke Size | Tbg. Press. Flwg. 1080 SI 1080 | Csg. Press. 1025.0 | 24 Hr. Rate | Oil BBL | G | ias ICF | Water BBL | - | Gas:Oi Ratio | il | Well | Status | L | | | | | | |
| | tion - Interv | | | 1 0 | i_ | 1193 | | 0 | | | | GSI | | ACCE. | DTEN | PAR | | | |
| Date First | Test | Hours | Test | Oil | | ias | Water | | Oil Gra | | Gas | ٠. | Prod | uction Method | I ICU | FOR REGUE. | | | |
| Produced | Date | Tested | Production | BBL | | 4CF | BBL | | Corr. A | | Grav | • | | J | UN 1 | 9 2001 | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | | ias 1CF | Water BBL | | Gas:Oi Ratio | il | Well | Status | | *Apmi | MUIUM | 2 2003 | | | |
| (See Instruct ELECTRO) | NIC SUBMI | SSION # | dditional date 23055 VERI VISED ** | FIED I | BY TH | E BLM | 1 WELI | INFOR | MA VISE | TION SY | YSTEM | VISE | D ** E | | | • | | | |
| | | -IN IXC | ₹ IOLD | J-141 | · \ L V | IJED | DL | | | OCD | LIVI INC | .vijei | , , | JEIVI RE | VIJEL | • | | | |
| | | | | | | | | 3.0 | | | | | | | | | | | |

| Date Total | | | | | | | | | | I C | tion - Interva | 28b. Produ |
|--|--|---|---|---------------------------------------|--|---------------------------------------|----------------------------|------------------------|----------------------------|---------------|---------------------------------|----------------------|
| Chick They Press Size I Press Rate SBL MCF BBL | | Production Method | | | | | | | | Hours | Test | Date First |
| Size Prog Pross Rate BBL MCF BBBL Ratio | | | | | Corr. API | BBL | MCF | BBL | Production | Tested | Date | Produced |
| Due Serial Test Due Tested Due Tested Production BBL MCF BBL Corr API Corr | | | tatus | Well S | | | | | | | Flwg. | |
| Date Tested Production BBL MCF BBL Curr API Gravity | | | | | | · · · · · · · · · · · · · · · · · · · | | | | 1 D | tion - Interva | 28c. Produ |
| Size Frost Rate BBL MCF BBL Ratio | | Production Method | | | | | | | | | | |
| SOLD 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name SAN JOSE NACIMIENTO 1713 2907 3105 NACIMIENTO OJO ALAMO 2907 3105 SIRTLAND FRUITLAND GARCARA CLIFF HOUSE MENSTEE MESAVERDE MENSTEE MESAVERDE CHACRA EQUIVALENT CHACRA CALIUP GREENHORN DAKOTA 32. Additional remarks (include plugging procedure): Casing and tubing pressures are shut-in Well will produce as a Mesaverde/Dakota commingle under DHC-1211az. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Direction 5. Sundry Notice for plugging and eement verification 6. Core Analysis 7 Other: | | | Well S | | | | | | | Flwg. | | |
| 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name 31. Formation (Log) Markers Name OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS MESAVERDE CHACRA EQUIVALENT CHACRA CLIFF HOUSE MENSFEEE POINT LOOKOUT MANCOS GALLUP GREENHORN DAKOTA 32. Additional remarks (include plugging procedure): Casing and tubing pressures are shut-in Well will produce as a Mesaverde/Dakota commingle under DHC-1211az. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Direction 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: | | | | | | <u> </u> | | ed, etc.) | r fuel, vent | old, used fo | tion of Gas(So | |
| SAN JOSE NACIMIENTO 1713 2907 3105 RITLAND FRUITLAND FRUITLAND PICTURED CLIFFS MESAVERDE CHACRA EQUIVALENT CHACRA CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP GREENHORN DAKOTA 32. Additional remarks (include plugging procedure): Casing and tubing pressures are shut-in Well will produce as a Mesaverde/Dakota commingle under DHC-1211az. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Direction 7. Other: | | nation (Log) Markers | 31. Form | es | l drill-stem hut-in pressures | tervals and a | of: Cored in tool open, | ontents there | osity and co | ones of por | l important ze cluding depth | Show a tests, in |
| NACIMIENTO OJO ALAMO 2907 3105 KIRTLAND FRUITLAND PICTURED CLIFFS MESAVERDE CHACRA EQUIVALENT CHACRA CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP GREENHORN DAKOTA 32. Additional remarks (include plugging procedure): Casing and tubing pressures are shut-in Well will produce as a Mesaverde/Dakota commingle under DHC-1211az. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Direction 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other: | Top Meas. Depth | Name | | , Contents, etc. | Descriptions | | Bottom | Тор | | ormation | - | |
| Well will produce as a Mesaverde/Dakota commingle under DHC-1211az. 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Direction 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: | 2872 3032 3320 3505 3598 4049 4466 5074 5315 5676 6178 6844 7622 7688 | ITLAND JITLAND JITLAND JITLAND LITURED CLIFFS SAVERDE ACRA EQUIVALENT ACRA FF HOUSE NEFEE INT LOOKOUT NCOS LLUP EENHORN | KIRTLAND FRUITLAND PICTURED CLIFFS MESAVERDE CHACRA EQUIVALENT CHACRA CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GALLUP GREENHORN | | | | | 2907 3105 | 1713 2907 | include plu | 0 | NACIMIEN OJO ALAN |
| 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: | | | | | | DHC-1211az | gle under l | | | s a Mesav | Il produce a | Well v |
| | nal Survey | port 4. Direction | | • | • | | • ′ | | nical Logs (| trical/Mechar | 1. Ele | |
| 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instruction Electronic Submission #23055 Verified by the BLM Well Information System. For BURLINGTON RESOURCES O&G CO LP, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 06/12/2003 (03AXG1364SE) | ons): | stem. on G1364SE) | ation Syst Farmingto 03 (03AXC | ell Informent to the large 106/12/200 | y the BLM We &G CO LP, ser nne Garcia on | 55 Verified b OURCES O | ission #230 TON RES | ronic Submi BURLING | Electi For Committed | (| | |
| Name (please print) PEGGY COLE Title REGULATORY ADMINISTRATOR | | VIINISTRATOR | ORY ADM | EGULAT | Title RE | | | | OLE | PEGGY C | olease print) | Name |
| Signature (Electronic Submission) Date 06/11/2003 | | | 6/11/2003 | Date <u>06</u> | | | on) | Submissi | (Electronic | re(| Signat | |