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 LOG

| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | 5. | 5. Lease Serial No. NMSF080672 | | | |
|--|-------------------------------|----------------|-----------------|---------------|---------------|----------------|---------------------------------------|-------------|--|----------------|--------------------------------------|--|-----------------|------------|---|
| 1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other | | | | | | | | | | | 6. | 6. If Indian, Allottee or Tribe Name | | | |
| b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other | | | | | | | | | | vr. 7. | 7. Unit or CA Agreement Name and No. | | | | |
| Name of Operator BURLINGTON RESOURCES O&G CO LP Contact: PEGGY COLE E-Mail: pcole@br-inc.com | | | | | | | | | | | 8. | 8. Lease Name and Well No. SAN JUAN 27-4 UNIT 109B | | | |
| 3. Address P O BOX 4289 FARMINGTON, NM 87499 3a. Phone No. (include area code) Ph: 505.326.9724 | | | | | | | | | | | 9. | 9. API Well No. 30-039-26615-00-S1 | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 23 T27N R4W Mer NMP | | | | | | | | | | | 10 | | d and Po | | xploratory |
| At surface NWSE 2570FSL 2460FEL | | | | | | | | | | | T | 11. Sec., T., R., M., or Block and Survey or Area Sec 23 T27N R4W Mer NMP | | | |
| At top prod interval reported below | | | | | | | | | | 1 | 12. County or Parish RIO ARRIBA NM | | | 13. State | |
| At total depth | | | | | | | | | | | | | | | NM PT CLX |
| 14. Date Spudded 07/26/2002 15. Date T.D. Reached 08/03/2002 16. | | | | | | | | | Date Completed 17. Elevations (D & A Ready to Prod. 6958 | | | | 58 GL | 5, K1, GL) | |
| 18. Total Depth: MD 6376 19. Plug Back T.D.: MD 6373 20. Depth Bridge Plug Set: MD TVD TVD | | | | | | | | | | | | | | | |
| 21. Type E GR OT | lectric & Oth H | er Mecha | nical Logs R | un (Sul | omit cop | y of each) | | | V | Vas DS | ll cored? T run? nal Surve | ☒ | No No No | ∃ Yes | (Submit analysis) (Submit analysis) (Submit analysis) |
| 23. Casing a | nd Liner Reco | ord (Repo | ort all string. | s set in | well) | | | | | | | | | | <u> </u> |
| Hole Size | Size/Gi | Size/Grade Wt. | | | Top I (MD) | | Stage Ceme Depth | | lo. of Sks. o pe of Cem | 1 - | | ol. C | Cement Top* | | Amount Pulled |
| 12.250 | 9.6 | 9.675 H-40 | | 0 0 | | 231 | | | | 300 | | | 0 | | |
| 8.750 | 7.0 | 7.000 J-55 | | | 0 4160 | | | 5 | | | | 0 | | | |
| 6.250 | 4.5 | 500 J-55 | 11.0 | | 4032 6376 | | | | | 169 | | \bot | 4032 | | |
| | | | | ļ | | | ļ | | | _ | | | | - 1 | |
| | | | | | _ | | | | | | | | | | |
| 24. Tubing | Record | | <u> </u> | <u>l</u> | | | | | | 1. | | !_ | | | |
| | Depth Set (M | (D) P | acker Depth | (MD) | Size | Dept | Depth Set (MD) Packer Depth (MD) Size | | | | | Depth Set (MD) Packer Depth (MD) | | | |
| 2.375 | | 6025 | • | · | <u> </u> | <u> </u> | , , | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 25. Produci | ng Intervals | | | | L | 26. | Perforation | Record | | | | | | | |
| Fo | ormation | | Тор | Top Bottom | | | Perforated Interval | | | | | ze No. Holes Perf. Status | | | |
| A) | MESAVE | RDE | | 5421 | | 6243 | | 5421 TO | | | 0.320 | | | | |
| В) | | | | | | | | 5917 TO 62 | | 243 0.320 | | 27 OPE | | OPE | · · · · · · · · · · · · · · · · · · · |
| C) | | | | | | | | | | | | | | | |
| D) | racture, Treat | ment Ce | ment Squeez | e Etc | | l | | | | _i | | l | | | |
| | Depth Interva | | ment Squeez | c, Ltc. | <u> </u> | | | Amount | t and Type | of Mat | erial | | | | |
| | F | | 849 1882 BI | 3L SLK | WTR. 10 | 0.000# 20/ | 40 BRADY S | | t und 1)pc | OI IVIU | | | | | |
| | | | 243 2246 BI | | | | | | | | | | | | · · · - |
| | | | | | | | | | | | | | | | |
| 28. Product | tion - Interval | A | | | | | | | | • | | | | 1844 | |
| Date First | | | | Oil BBI | | | Water | | | Gas Gravity | | Production Method | | | |
| Produced 10/08/2002 | Date Tested 2 10/08/2002 1 | | Production | ction BBL 0.0 | | CF I 1065.0 | 0.0 | COIT. API | API Gravity | | avny | | FLOWS FROM WELL | | |
| Choke | | | 24 Hr. | Oil | | | Vater | Gas:Oil | Well Stat | | IS IS | | | | |
| Size Flwg. 430 Press. 2 SI 430 430.0 | | Rate | ate BBL | | 1065 | BBL | Ratio | | GSI | | | | | | |
| | ction - Interva | į . | | ا | | | | | | | | | <u> </u> | PTFI | FOR RECOR |
| Date First | Test | Hours | Test | Oil | Ga | | Water | Oil Gravity | | Gas | Pro | duction l | | .1 LL | 2 1 Old HEDOIL |
| Produced | Date | Tested | Production | BBL | М | | BBL | Corr. API | | Gravity | | | | OOT | 4 PM 2002 |
| Choke | Tbg. Press | Csg. | 24 Hr. | Oil | Ga | s . | Water | Gas:Oil | | Well Stati | ıs | | 1 | JU! | <u>17 2002</u> |
| Size | Flwg. | Press. | Rate | BBL | м | | BBL . | Ratio | | | | | FALL | ninti | UM FJELD UTFICE |

| 280. Proc | duction - Inter | rval C | | | | | | | | <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 | | | | | |
| Troduced | Batt | Tested | | - | | | Commun | | Jan. | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | | Well Statu | ıs | | | | | |
| 28c. Proc | luction - Inter | val D | | <u> </u> | 1 | | | | | | | | | | |
| 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 | <u> </u> | Well Statu | s | | | | | |
| | osition of Gas | (Sold, used | for fuel, ven | ted, etc.) | <u></u> | | | | | | | | | | |
| SOL 30. Sumi | mary of Porou | s Zones (Ir | nclude Aquif | ers): | | | | | 13 | 1. Formation (Log) Ma | irkers | | | | |
| Show tests, | all importangincluding dependence | t zones of p | orosity and | contents ther | | | | | | | | | | | |
| | Formation | | Тор | Bottom | | Descript | ions, Conten | ts, etc. | | Name | | Top Meas. Depth | | | |
| SAN JOS NACIMIE OJO ALA | NTO MO | s (include r | 0 2195 3216 | 2195 3216 3446 | | | | | | OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFF MESAVERDE CHACRA EQUIVA CHACRA CLIFF HOUSE MENEFEE POINT LOOKOUT | LENT | 3223 3397 3578 3787 3888 4326 4778 5404 5633 5950 | | | |
| 33. Circle | e enclosed att | achments: | | | | 1 Coologi | ia Barant | | 2 00 | CT Danaut | 4 Direction | nal Survey | | | |
| | ectrical/Mech andry Notice t | - | - | • | | Geologi Core Ar | | | 3. DS 7 Oth | ST Report ner: | 4. Direction | nal Survey | | | |
| | eby certify tha | | Elect Fo Committed | tronic Subm r BURLING | ission #1 GTON RI | 4914 Verifie ESOURCES | ed by the BI O&G CO I drienne Gar | M Well P, sent cia on 10 | Information to the Far 0/17/2002 (| | | ons): | | | |
| Signa | Signature (Electronic Submission) | | | | | | | | Date 10/09/2002 | | | | | | |
| Title 18 U | U.S.C. Section | n 1001 and | Title 43 U.S | .C. Section | 1212, mal | ke it a crime f | for any perso | n knowir | ngly and wi | ilifully to make to any o | department or | agency | | | |