Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

| FORM | APPROVED |
|---------|--------------------------------|
| _OMB N | VO. 1004-0137 March 31, 200 |
| Expires | March 31 200 |

| BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | OMB NO. 1004-0137 Expires: March 31, 2007 5. Lease Serial No. NMNM05219 | | | | | | |
|---|-----------------------------|------------------|-----------------|-------------------|-----------|--------------|--------------|--------------------------------|------------------------------------|----------|------------|---|---|---------------|------------------------|--|------------|---|
| | | | | | | | | | | | | | | | | | | |
| 1a. Type of Well Oil Well X Gas Well Dry Other b. Type of Completion X New Well Work Over Deepen Plug Back Diff. Resvr,. Other | | | | | | | | | | | | | 6. If Indian, Allottee or Tribe Name | | | | | |
| | | | | | | | | | | | | | ٠. | **/ | _ | ent Name and no | | |
| | e of Operato | | | | | | | | | | | | *** | | | JUAN 29 | | |
| | ington R | esour | ces Oil & | de Gas | | | | -12 | | | | | <u> </u> | t , | | se Nameia II IAN 20 | | NIT 62C |
| 3. Address PO BOX 4289 Farmington NM 87401 3.a Phone No. (Include area code) (505)326-9597 | | | | | | | | | | | | | - | | Well No. | <u>, , </u> | | |
| | | | | | | sccordance w | ith Fed | eral rea | | | ,,,, | | | | | 9-29991 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Unit G (SWNE) Sec 14, T29N R7W 1955' FNL & 2620' FEL | | | | | | | | | | | | | | | | xploratory | | |
| | | | | | | | | | | | | | Blanco Mesaverde/Basin Dakota 11. Sec., T., R., M., on Block and | | | | | |
| At top prod. interval reported below | | | | | | | | | | | | | Survey or Area G Sec: 14 Twn: 291 | | | | | |
| At total depth Same | | | | | | | | | | | | _ | 12. County or Parish RIO ARRIBA NM | | | | | |
| 14. Date Spudded 15. Date T.D. Reached 16. Date Completed D & A X Ready to Prod. | | | | | | | | | | | į i | 17. Ele | evations (E | OF, RK | (B, RT, GL)* | | | |
| 11/2 | 1/200# 6 | | | 12/05 | /2006 | | | | 02/02/ | | —— | · | | | 6253 GR | | | |
| 18. Total | Depth: N | ID 75 | 92 75 | ZP | 19. P | lug Back T.[| | | | | 20. | Dept | h Bridge | Plug S | | | | |
| 21 Type | | | er Mechan | | s Run (S | ubmit copy o | | D 758. | - | | 22. | Was | well cor | ad T V | | TVD | | |
| CBL | GRÆCCL | oc Our | er Mechan | icai Log | s Run (S | иони сору о | л саспу | | | | 22. | Was | DST rur ctional S | ı? 🔽 |] 0/I[] 0/N [X] | Yes (S | ubmit | it analysis) analysis) bmit copy) |
| 23. Casir | ng and Line | r Recor | rd(Report | all strin | zs set in | well) | | | | | | | | | | | | |
| Hole Size | | | Wt. (#/ft.) | · | (MD) | Bottom (M | (D) S | tage Ce Dep | | Type | | nent | nt (BŠI | | Cement Top* | | | Amount Pulled |
| 12.25 8.75 | 9.625H 7.0 J-55 | | 20.0 | 0 | | 230 3415 | | | | 68sx; | | | 19 bbl | | Surfa | | 2 b | 0 bbl |
| $\frac{6.75}{6.25}$ | 4.5 J-5 | | 1.6/10.5 | | | 7589 75 | 45 | | | | | 672cf 119 bbl | | | Surface TOC: 2465' | | 0 | 0 001 |
| | | | | | | | | | | | | | | | | | | |
| | | | | ļ | | | | | | | | | | | | | | |
| 24. Tubir | ng Record | | | l | | L | | | | <u> </u> | | | | | L | | | |
| Size | | Set (N | MD) Pac | ker Dept | h (MD) | Size | 1 | Depth Se | t (MD) | Packer I | Depth | (MD) | T - | Size | De | pth Set (M | D) | Packer Depth (N |
| 2.375 | 7462' | | | | | | | | | | | | | | | | | |
| 25. Produ | cing Interva | ıls ———— | | | | | | 26. Pe | rforation | Record | l | | | | | | | |
| Racin | Formatio Dakota | <u>n</u> | 7 | <u>Top</u> 342 | | Bottom 7546' | +- | | forated I | nterval | | 0.34 | Size | No. 1 | Holes | 1 spf o | | f. Status |
| A)Dasiii B) | Danvia | :]6° | | 7340 | | | | 7342' - 7386' 7415' - 7546' | | | | | | 68 | | 2 spf o | | |
| <u>C)</u> | | | | | | | | | | | | | | | | | | |
| D) | | | | | | | | | | | | | | | | | | |
| 27. Acid, | Fracture, Tr Depth Inter | reatmer val | nt, Cement | Sqeeze. | Etc. | | | | Ar | nount an | nd Tyr | e of N | faterial | | | CVD FI | יכים | 2ימיל |
| | - 7546' | | f | rac Da | kota w/ | slickwater | , 2% I | CL; 3 | | | | | | | | OIL CO | | |
| | | | | | | | | | | | | | | | | | I 3 | |
| | | | | | | | | | | | | | | | | | | |
| 28. Produ | iction - Inte | | | | | | | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Produ | ction E | il BL | Gas MCF | Water BBL | | Oil Gravi Corr. AP | ty I | Ga: Gra | s avity | Pro | duction ! | Method | | | |
| | 02/01/0 | 7 1 hr | r | | | 14 mcf | 0 | | | | | | | wing | | | | |
| Choice Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr Rate | . C | il BL | Gas MCF | Water BBL | | Gas : Oil Ratio | | We | ll Statu | IS | | | | | |
| 2" | SI 814 | 675 | | > | | 328 mcfe | do. | Gas Well - SI | | | | | I | | | | | |
| Produ Date First | iction - Inte | | 7.5 | | | To . | T | | 01.5 | | · | | | | | | | |
| Produced | Test Date | Hours Tested | d Test Produ | ction B | oil BL | Gas MCF | Water BBL | | Oil Gravity Corr. API Gas Gravity | | Pro | oduction l | Method | AC | CEPTE | D FOR RECORD | | |
| Choke Size | Tbg. Press Flwg. SI | Csg. Press. | 24 Hr Rate | CB | il BL | Gas MCF | Water BBL | | Gas : Oil Ratio | | We | Il Statu | s | | | F | EB | 2 0 2007 |
| (See Instru | ctions and spe | ices for | additional a | lata on po | ge 2) | | 1 | - All | WOCI | n . | | | | | | FAR | MING! | ONFIELD STROE |
| | | | | | | | | n 23 H | עשעט <u>ו</u> ע | A F | | | | | | i atan | | (|

| 28b. Production - Interval C | | | | | | | | | | | | | |
|--|------------------|-------------------------------|-----------------------|--|-------------|---------------|---|---|----------------------------------|----------------------------------|------------------------|--|--|
| Date Produ | First ced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity Production Method | | | | |
| Choke | e | Tbg. Press. Flwg. SI | Csg. Press. | | | | | | | | | | |
| 28c. F | roduct | tion - Inter | val D | 1 | | | | <u> </u> | | | | | |
| Date First Produced Test Date | | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity Production Method | | | | |
| Choke Size | e | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | | | |
| | | | | | | | | | | | | | |
| 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers | | | | | | | | | | | | | |
| Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inleuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. | | | | | | | | | | | | | |
| | Format | tion | Тор | Bottom | <u>.</u> | Desc | Name | Top Meas. Depth | | | | | |
| | | | į | | | | | | Ojo Alamo |) | 2156' | | |
| | | 1 | | , . | | | | | Kirtland | | 2295' | | |
| | | | | | | | | | Fruitland | | 2768' | | |
| | | | 1 | | | | | | Pictured C | liffs | 3079' | | |
| | | | | | | | | Lewis | | 3285' | | | |
| | | | | | | | | Chacra | | 4054' | | | |
| | | | | | | | | Cliffhouse | | 4624' | | | |
| | | | | | | | | | Menefee | | 4916' | | |
| | | | | | | | | | PT Lookou | ut | 5276' | | |
| | | | | | | | | Mancos | 1 | 5660' | | | |
| Dakota (Two we | | | | | | | | | wo wells) | 7340' | | | |
| | | | | plugging pro e/Basin D | | ommingle | well per D | HC 2410AZ. | | | | | |
| 33. 6 |] Elec | ctrical/Mec | hanical Lo | en attached egs (1 full se ng and ceme | req'd.) | | the appropria Geological Re Core Analysis | port DST Rep | ort D | irectional Survey | | | |
| 34. I | hereby | certify that | at the foreg | oing and att | ached infe | ormation is c | complete and | correct as determined | from all availa | ble records (see attached instru | actions)* | | |
| ١ | lame (/ | please prin | | , | | | | Title <u>Regula</u> | tory Special | ist | | | |
| S | ignatu | re J | gust. | Fau | u | | | Date <u>02/1</u> | 5/2007 | | | | |
| Title State | 18 U.S s and/ | S.C Section false, fictiti | n 101 and ous or frad | Title 43 U.S | .C. Section | on 1212, mak | te it a crime for as to any ma | or any person knowin atter within its jurisdic | gly and willfull | y to make to any department of | r agency of the United | | |