Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT RECEIVED
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

Expires. Novembe

| | | | | | | | | | | | | A-5 | | | IMINIMIN | 1032 | ວ | |
|--|---|---------------------------------------|--------|--|-------------|--------------|-----------------------------|--|-------------|---------------------------|------------------------------------|--|--|---------------|-------------|--------------------|----------------|---|
| la. Type of V | | Oil W | | ∑ Ga | | Dry | Oth | | Пъ | | / 2 1 20 | 1 | 6. | If Indian | JÖN'ÖV | 27 | 180°7 | 7 |
| o. Type of C | zompiciion. | | Othe | | ' البا | Work Over | Ч | Deepen | · U Bu | ig Back idali of | Land Wa gton Fiel | Resylemen | <u> </u> | | Agreemer | | | |
| 2. Name of C | Operator | · · · · · · · · · · · · · · · · · · · | | | | | | | | ramm | gion riei | u Onice | | 0 | IL CON | 3. D | <u>[Ų</u> | |
| | • | Hills G | as I | Resou | rces, lı | nc. c | /o l | Mike P | ippin L | LC (A | gent) | | | | ie argiver | | 04-26 #133 | : |
| 3. Address | | | | | | | | | 3a. Pho | ne No. (ir | iclude area | code) | 9. API Well No. | | | | | |
| 4 Location o | | | | | | IM 87401 | 505-327-4573 | | | | 3 | | | 30-039- | 2998 | 1210-8 | | |
| | or won inch | on rocurro | 15 010 | - | | | • | | | | 10. Field and Pool, or Exploratory | | | | | | | |
| At surface | | | | 1960' | FSL & | 1915' FEL | Init (J) Sec. 26, T29N, R4W | | | | | Choza Mesa Pictured Cliffs 11. Sec., T., R., M., or Block and | | | | | | |
| At top prod. | | | | 1900' FSL & 1866' FEL Unit (J) Sec. 26, T29N, R4 676' FSL & 674' FEL Unit (P) Sec. 26, T29N, R4W | | | | | | | | v Į | Survey or Area J 26 T29N R4W | | | | | _ |
| At total | • • • | r Lateral | | | | | | | | | | 1 | | | | 13. State | | |
| depth 14. Date Sp | | r Lateral | | 669' FSL & 697' FEL Unit | | | | t (P) Sec. 26, T29N, R4W | | | | | Rio Arriba NM 17. Elevations (DF, RKB, RT, GL)* | | | | | |
| 14. Бию ор | 09/25/0 | 7 | | 15. Date 1.D. Reached | | | | D & A Ready to Prod. | | | | ly to Prod. | 7396' GL & 7408' KB | | | | | |
| 18. Total Do | ······································ | , per Lat. | | ower L | | | | | <u> </u> | 11 | /21/07 | l | | 7 38 | O GL & | 740 | O ND | |
| 10. Total D | MD | per Lat. 5867' 4113' | : | 5854' 4277' | | ug Back T.D. | | MD TVD | NONE | | | 20. Depth B | ridge | Plug Set: | MD TVD | | | |
| 21. Type El | | | | | Submit co | opy of each) | | 110 | | | 22. Was | well cored? | īΧι | No 🔲 | Yes (Sub | nit co | ov) | _ |
| MUD LO | | | | | (| | | | | | 1 | | | No 🗖 | Yes (Sub | | | |
| | | | | _ | | | | | | | Direc | tional Survey | /? [|) No | Yes (| Submi | it copy) | |
| 23. Casing a | and Liner Re | cord (Rep | ort al | l strings s | set in well |) | | | | | | | | | | | | _ |
| Hole Size | Size/Grade | Wt. (#/ | ft.) | Top (MD) | | Bottom (MD) | | Stage Cementer Depth | | | o. of Sks. & Slu pe of Cement (| | l. | Cement Top* | | Amount Pulled | | |
| 12-1/4" | | | | 0' | | 291' | | | | 16 | 5, V | 35 | | 0' - circ | | 0' | | |
| 8-3/4" | | | | | 0' | 4518' | | | | | POZ | OZ 218 | | -0'- circ | | 0' | | |
| 6-1/8" | | | | OPEN HOLE MD4518'-MD5854' - | | | | | 0 | | | 18801 | | | | _ | | |
| 6-1/8" | 4-1/2" | 11.6 | # | 4132' 5752' | | | | | | 0 | | | | 1 | | | | |
| Size | 24 Tubing Record Size Depth Set (MD) Pa | | | | L (MD) | Size | | Donth Set (MD) | | Packer Depth (MD) | | Size | | Depth Set (MI | | D) Packer Set (MD) | | |
| 2-3/8" | 402 | | rac | ker Dept | u (NID) | Size | | Depin s | ei (MD) | racker D | epai (MD) | 3126 | · | | ui sei (ML | | racker set (ML | 2 |
| 05 D 1 | | | | | | | | 26 0 | <u> </u> | | | <u> </u> | | | | | | |
| 25. Produci | Formation | 1 | | Top Bottom | | | | 26. Perforation Record Perforated Interval | | | | Size | No | . Holes | 1 | Per | f. Status | _ |
| Pictured | Cliffs - Up | | eral | | 4123' | MD5867' | | Top perfed jts | | | 11. | 0.75" | | | | | PEN | _ |
| A) . | | <u> </u> | | | | 1111111111 | | | | 501', 41 | | 781 | | | - | | | _ |
| | Cliffs - Lo | wer Late | eral | MD4 | 4518' | MD585 | 4' | OPEN | I HOLE | - AB/ | NDON | ED | | | | | | _ |
| 27. Acid, Fr | acture Treat | ment Cen | ent S | queeze F | | <u> </u> | | | | | | L | | | | | | |
| 277 1 2713, 11 | Depth Inter | | ioin o | , quve, , | 5.0. | | | | | Amount | and type o | f Material | | | | | | _ |
| M | D4518'-5 | 854' | | Lowe | r Horiz | ontal PC I | ate | ral - N | o form | ation s | timulation | on (Open | Hole | e) - Aba | ndoned | | | |
| M | D4123'-5 | 867' | | Upper Horizontal PC lateral - No formation stimulation (4-1/2" liner 4132'-5752') | | | | | | | | | | | _ | | | |
| 28. Producti | ion - Interval | A | | | | | | | | | | | | | | ···· | | _ |
| | | Hours | Test | (*) | ıl | Gas | Wate: | ſ | ंप्र Grava | tv- | Gas | | Product | ion Method | ! | | | _ |
| | Date | Tested | Produ | iction Bi | BL | 1 | BBL | _ | Corr AP | 1 | Gravity | 1 | | | | | | |
| Choke | 10/27/07 | 3 | 2115 | | .1 | 24 Gas | 77-4- | 0 | 11.500 1.00 | | 777.11 51 | 1 | | | Flow | ıng | | |
| Thoke Tbg Press Csg. 24 Hi Size Flwg Press. Rate | | 1 1 1 | | (Vate) BBL | 1 | | | | | | | | | | | | | |
| 4 / | PSI 15 | | | → | | 188 | 188 0 | | | | <u></u> | | | Shut | <u>In</u> | | | |
| 28a. Produc | | | | | | | | | , | | | | | | | | | |
| Date First Test Hours Test Produced Date Tested Prod | | Test Produ | | Oil Gas Water tion BBL MCF BBL | | 1 | | | Gravity | Gas Production Gravity | | | l | | | | | |
| -10-2004 | | | | | | | رومور | | J. Ar. | • | Jointhy | 1 | | | | | | |
| Cheke | Thg Press | Csg. | 24 Hr | 1 | | | Vate | | Gas Oil | | Well Status | | | | | | | |
| | Flwg. SI | Press. | Rate | | BL | MCF | BBL | | Ratio | | | | | | ACCE | PTED | FOR RELOAD | 1 |

174 25 77

(See instructions and spaces for additional data on reverse side)

| 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 | | | | | |
| 28c. Produ | action - Interva | al D | | <u>. </u> | 1 | <u>.l</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 | | | , , | | |
| Vent | sition of Gas (S | | • | | | | | | | | | | |
| 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. | | | | | | | | | ı (Log) Markers | | | | |
| For | mation | Тор | Bottom | | Descript | ions, Content | s, etc. | | Name | | | | |
| Pictured | d Cliffs | 4086' TVD | 4311' TVD | GAS | | | | | Nacimiento Ojo Alamo Kirtland Fruitland | | | | |
| Many | y Canyons doned Lo | s 29-04-2 | 26 #133 | PC Wi | | | | | csg @ 4123'-28' insuccessful. | | | | |
| 1. Ele | enclosed attac ectrical/Mechan ndry Notice for | nical Logs (1 | • | / | | Geologic Repo | | ST Report her: | 4. Directional Survey | | | | |
| | | he foregoing | | | - | | etermined from all a | | ee attached instructions)* | | | | |
| | (please print) | | Mike Pi | ppin 50 | 5-327-457 | 73 | Títle | | Petroleum Engineer (Agent) | | | | |
| Signate Title 18 U | | 1001 and Ti | tle 43 U.S.C. | Section 1212 | , make it a cri | me for any pe | Date | Novembe I willfully to make | r 20, 2007 to any department or agenc | y of the Unit | ted | | |