Form 3160-4 (August 1999)

UNITED STATES

DEPARTMENT OF THE INTERIOR

| FOR | M AP | PRO | VEI |) |
|-----|------|------|------|----|
| омв | NO. | 1004 | -01: | 37 |
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|---------|----|---|---|---|----|---|---|---|---|---|----|---|
| Expires | S: | ì | Į | ď | ve | Т | t | æ | r | 3 | 0, | |

| | | | BURE | AU OF L | AND MA | NAGEME | NT | | | | Ł | Expires: 1 | Vovembe | r 30, 200 | 0 |
|-------------------|----------------------------|-------------------------|------------------|---------------|------------------|--|---------------------|--------------------|----------------------|--|----------------|---------------------------------|-----------------|---------------------|-------------|
| | WELL | _ COM | PLETIO | N OR RE | COMPL | ETION RE | PORT | FAND | LOG | | 5. X | ease Serial N | - | | |
| | | | | | | | | | | | | | SF 078 | | |
| la. Type of | Well | Oi v | Vell 🔼 | Gas | Dry | Other | | | | | / 6. If | 'Indian, Allo | ttee or Ti | ibe Nam | e |
| b. Type of | Completion | ı: | Nev | | Work Over | Deeper | n 🔲 Pl | ug Back | Diff. | Resvr. | | | | | |
| | | | Other | | | | | | | | 7. U | nit or CA A | greement | Name ar | id No. |
| 2. Name of | - | 0 DD# | | 01 ID 11 I | | *** | | | | | 8. L | ease Name a | | | |
| 3. Address | | G DRIL | LING | OMPAN | Y C/ | o Mike Pip | | | ent) includé ar | ian code) | | SCHLO | SSER | 27 #10 | 14 |
| J. Auguess | | O altica | F | | VII. A. CO'T A.C | . A | \$ 1.00 m | | <u></u> | - 1 | 9. A | PI Well No. | | | |
| 4 Location | | | | nington, I | | th Federal reg | wiremer | | 327-457 | <u>3 : 1: </u> | 1 | 30-6 |)45-32 | 488 | |
| | 02 17 44- 1744 | 2011100 | | • | | TRS. | Z. | <u> </u> | - Pa | (T) | 1 | ield and Poo | _ | - | <u> </u> |
| At surface | | | 660 |)' FSL & 1 | 740' FEL | | C. | | . (0 | ं ें | | Cutz Pictu | | | est 79680 |
| At top prod | i. interval re | norted bel | ow SA | ME | | | 3 | · 6 | | ૣ <i>ૣ</i> ૢૢૢૢૢૢૢૢૢૢૢૺ | • | ec., T., R., I burvey or Are | | | N R11W |
| | | | | | | , i | Er. | | 1100 | | | County or Par | | | 3. State |
| At total dep | | | SA | | | | | 91017 | 1 91, 30,00 | <i>.</i> " | | San Ju | | | NM |
| 14. Date S | • | | 15. | Date T.D. R | | | | D & A | | dy to Prod. | 17. E | elevations (D | - | | |
| | 12/15/0 | 4 | | 1 | 2/21/04 | | | | /25/05 | wy | | 5620' G | L&56 | 324' KE | 3 |
| 18. Total I | Depth: MI | | 1652' | 19. P | lug Back T. | D.: MD TVD | 1629 | • | | 20. Depth | Bridge I | Plug Set: MI TV | | | |
| 21. Type E | | | anical Log | s Run (Subn | nit copy of e | | | | 22. Was | well cored | ' X N | | | copy) | |
| CBL, CA | ASED HO | OLE NE | UTRO | 4 | | | | | Was | DST run? | 20 N | o 🔲 Yes | (Submit | сору) | |
| INDUCT | TION, NE | UTRO | N/DEN: | SITY (106 | 62' - 207' |) | | | Dire | ctional Sur | vey? 🔲 | No 🔼 | Yes (Sul | omit copy | <i>(</i>) |
| 23. Casing | and Liner F | Record (R | eport all s | trings set in | well) | | | | | | | | | | |
| Hole Size | Size/Grade | Wt. (#/ | /ft.) 1 | op (MD) | Bottom (1 | MD) Stage C | ementer oth | 3 | f Sks. & f Cement | Shurry V (BBL) | | Cement Top | • | Amount | Pulled |
| 12-1/4" | | | | 0' | 206 | | | | CL "B" | | | 0' CIR | | 0 | |
| 6-1/4" | 4-1/2" | 10.5# | J-5 5 | 0' | 1652 | <u>'</u> | | 190 (| CL "B" | · | | 0' CIR | | 0 | |
| | | | | | | | | | | | | | | | |
| 24. Tubing | Record | L | | | <u> </u> | | | <u> </u> | | L | | | | | |
| Size | Depth Se | t (MD) | Packer D | epth (MD) | Size | Depth S | et (MD) | Packer D | epth (MD | Siz | æ | Depth Se | t (MD) | Packer | Set (MD) |
| 2-3/8" | 154 | 16' | | | | | | | | | | | | | |
| | <u> </u> | | <u>[</u> | | | | | <u> </u> | | <u></u> | | | | <u> </u> | |
| 25. Produc | ing Interval: Formation | Commence Control States | | Тор | Botton | | | Record Interval | | Size | N7. | Orașa I | | -C C4-4 | |
| Kutz Pi | ctured C | | est | 1524' | DOLLOR | | | 1578' | | .34" | | Holes 6 | | erf. Statu 1 SPF | <u>s</u> |
| B) | ctarea o | ,, vv | COL | 1024 | | | <i>J</i> <u>L</u> 1 | 1070 | | .57 | ' | - | | 1 01 1 | |
| C) | | | | | | | | | | | | | | | |
| 27. Acid, I | Fracture, Tre | | ement Squ | ieeze, Etc. | | | | | | | | | | | |
| | Depth Inter | | | | 00 000# | 00/40 | al 1 = -7 | | | of Material | | n :: | | | |
| <u>_</u> | 527' - 15 | 0/8 | F | aced W/1 | 20,000# | 20/40 san | a in / | uu toa | m w/20 | # gel as | pase | nuid | | | |
| | | | | | | | | | | | | | | | |
| 28. Produc | tion - Interv | al A | | | | ······································ | ···· | | | | | | | | |
| Date First | | Hours | Test | Oil | Gas | Water | Oil Grav | - | Gas | | Productio | n Method | D: | | |
| Produced Ready | Date 01/21/05 | Tested 5 | Production | BBL | MCF 26 | BBL | Cort. Al | PI | Gravity | | | ۹. | و المناطقة | | |
| | | | 24 Hr. | Oil | Gas | Water | Gas : Oi | i | Well Statu | s | L | t | lowing | <u> </u> | |
| Size | Tbg. Press Flwg. 70# | Press. | Rate | BBL | MCF | BBL | Ratio | | 1 | | | A | 三 | | |
| 1/4" | PSI ction - Inter | TO D | <u></u> | | 125 | <u> </u> | <u> </u> | | <u> </u> | | | Shut-in | <u>~0</u> | | |
| Date First | Test | Val B Hours | Test | Oil | Gas | Water | Oil Grav | vitv | Gas | | Perelmeni | u Method | - | | |
| Produced | Date | Tested | Production | I. | MCF | BBL | Corr. Al | - | Gravity | | ACCE | PTED FO | R RE | CORD | |
| Choko | 77 - 7 | Cec | 24 Hr. | Oil | Gas | Water | Gerra | 3 | Wen C- | | | | | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oi Ratio | ш | Well Statu | 5 | F | EB 01 | 2005 | | |

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

| 201-2 | luction - Inter | 1.0 | | | | | | | | |
|----------------|--------------------------------|----------------|----------------|--------------|----------------|---|-------------------------------------|---------------------------------------|--------------------------|--------------------|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas Gravity | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas: Oil | Well Status | | |
| Size | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| 28c. Proc | luction - Inter | val D | | | | | | | | |
| Date First | Test | Hours | Test | Oil | Gas | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | |
| | osition of Gas | (Sold, use | d for fuel, ve | nted, etc.) | | <u> </u> | | | | |
| Vent | mary of Porou | s Zones (Ir | clude Aquif | èrs). | | | | 31 Formatio | n (Log) Markers | |
| Show tests, | v all importan | zones of p | orosity and | contents the | | | all drill-stem shut-in pressures | | | |
| Fo | rmation | Тор | Bottom | | Descrip | otions, Conten | ts, etc. | | Name | Top Meas. Depth |
| Fruitla | | 1242' | 1524' | | | | | | | |
| | | | 1524 | gas | | | | Ojo Alam | 402' | |
| Picture | ed Cliffs | 1524' | | gas | | | | Kirtland S | Shale | 530' |
| | | | | | | | | Fruitland | | 1242' |
| | | | | | | | | Pictured (| Cliffs | 1524' |
| | | | | | | | | | | |
| 20. 441 | | | | | | · • • • • • • • • • • • • • • • • • • • | | | | |
| | itional remark | | | | СТ. | | | | | |
| JOH | LOUGLIN | en e Tri VT | · | . O, VVL | | | | | | |
| Ki | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| 1. El | lectrical/Mech undry Notice | _ | - | • • | | Geologic Re Core Analys | | T Report her: | 4. Directional Surve | y |
| 36. I here | by certify that | the forego | ing and atta | ched inform | nation is comp | plete and corre | ect as determined f | rom all available | records (see attached in | structions)* |
| Name | (please print | | Mike Pi | ppin | | • | Title | Petroleun | n Engineer (Ager | nt) |
| Signa | ture | M | ike | Veg | pin | | Date | January 2 | 6, 2005 | |
| Title 18 I | U.S.C. Section | 1001 and | Title 43 II S | C Section | 1212 make | it a crima for | any nerson knowin | abroad willfuller | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Un States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.