| <b>€</b> orm | 3160-4 |
|--------------|--------|
|              | 2004)  |

| UNITED STATES              |
|----------------------------|
| DEPARTMENT OF THE INTERIOR |
| BUREAU OF LAND MANAGEMENT  |

| FORM     | APPRO'              | VED   |
|----------|---------------------|-------|
| OMB N    | IO. 1004<br>March 3 | -0137 |
| Expires: | March 3             | L 200 |

|                        | WE                        | ELL C           | OMPLE           | TION   | OR R          | ECOMPL                 | ETION            | REPORT                    | AND             | LOG          |                      |   |  | ase Serial No<br>VM09401    | 0.                         |                 |
|------------------------|---------------------------|-----------------|-----------------|--|---------------|------------------------|------------------|---------------------------|-----------------|--------------|----------------------|---|--|-----------------------------|----------------------------|-----------------|
| la. Type               | of Well                   |                 | Oil Well        | X Gas V  | Well [        | Dry _                  | Other            |                           |                 | ····         | בתו?                 |   |  |                             | tee or Tribe               | Name            |
| b. Туре                | of Comple                 |                 |                 | New We   |               | Work Over              | Dee <sub>l</sub> | pen 🔲 P                   | lug Back        | r            | Diff. Resv           | APR /   | 7 -  |                             |                            | ame and no.     |
|                        |                           |                 | Othe            | r  |               |                        |                  |                           |                 |              |                      |   | 7. <b>AU</b>                                 | lit or CA Ag                | reement Na                 | ime and no.     |
|                        | e of Operatington F       |                 | rae Oil I       | c Cas  |               |                        |                  |                           |                 |              | S10 E                |   | 8./Ne  | ase Name an                 | d Well No.                 |                 |
| 3. Addr                |                           | csoui           | Ces On e        | c Gas  |               |                        |                  | 3.a Phor                  | ne No. (II      |              |                      | 100   | SAN  | JUAN 27                     |                            |                 |
|                        | BOX 42                    | 89 Far          | rmington        | NM 87  | 7401          |                        |                  |                           | 5)326-9         |              | ,                    | " 4   | W/M  | Well No.                    |                            |                 |
| 4. Loca                | tion of We                | ll (Repo        | ort location    | n clearly  | and in a      | ccordance w            | ith Feder        | al requiremen             | nts)*           |              |                      |   |  | <u>45<sup>7</sup>33614</u>  |                            |                 |
| At Si                  | urface I Ini              | t M (9          | wew             | Sec 11   | T27N          | R8W 850                | ESI &            | 575 EWI                   |                 |              |                      |   |  | eld and Pool,<br>1 FC / S B | -                          | •               |
|                        |                           | •               | ·               |  | 12/11         | K0 ** 050              | TOLC             | JIJIWE                    |                 |              |                      |   | 11. Se                                       | c., T., R., M.              | on Block                   | and             |
| At to                  | p prod. int               | ervai re        | ported belo     | )W   |               |                        |                  |                           |                 |              |                      | <u> </u>  | Su   | rvey or Area                | M Sec:                     | 11 Twn: 27N     |
| At to                  | tal depth S               | ame a           | s above         |  |               |                        |                  |                           |                 |              |                      |   |  | ounty or Paris              | sh 13.<br>_NN              | State           |
| 14. Date               |                           |                 |                 | Date T   | D. Reac       | hed                    |                  | 16. Date C                | Complete        | d            |                      |   |  | levations (Di               |                            |                 |
|                        | 5/2006                    |                 | -               | 09/28  | /2006         |                        |                  | [ □D                      | &Ā [            | X Rea        | dy to Pro            | 1.  | 5953   |                             |                            | ,,              |
|                        | Depth:                    | иD 24           | 120'            | 07/20  |               | lug Back T.D           |                  | 04/ <u>11.</u><br>2369'   | /2007           | 20 г         | Lenth Brid           | lge Plug S  |  | MD                          |                            |                 |
|                        | 7 J                       | TVD 24          | 120'            |  | 17.1          | IUg Duck 1.D           | TVD              | 2369'                     |                 | 20. 1        |                      | ege i sug c                                       |  | TVD                         |                            |                 |
| 21. Type               | of Electric               | & Oth           | er Mechan       | ical Logs  | Run (S        | ubmit copy of          | f each)          |                           |                 |              |                      | ored? X   |  |                             | ubmit anal                 |                 |
| Oluc                   | CITCE                     |                 |                 |  |               |                        |                  |                           |                 | 1            | Vas DST              | run? <u>[X</u><br>I Survey?                       | ]No  |                             | ubmit analy<br>s (Submit o | •               |
| 23. Casir              | ng and Line               | r Reco          | rd(Report       | all string                                       | s set in t    | well)                  |                  | ·                         |                 | <u></u>      | ALCO HOLLA           | i Suivey:   | <u> </u>                                     | 10   10                     | S (Buomit)                 | ору)            |
| Hole Size              | T                         | Ι.              | Wt. (#/ft.)     |  |               | I "                    | Sta              | ge Cementer               |                 | of Sks. &    |                      | шту Vol.  | Cer  | ment Top*                   | Amou                       | ınt Pulled      |
|                        |                           |                 |                 | <u> </u>   | (MD)          | Bottom (M              | (U)              | Depth                     |                 | of Ceme      |                      | (BBL)   |  |                             | 2 1 6 1                    |                 |
| 8.75<br>6.25           | 7.0 J-5<br>4.5 J-5        |                 | 20<br>10.5      | 0  |               | 139'<br>2415'          | _                |                           | 280sx           | 54 cf        | 9.6<br>97 t          |   | Surf<br>Surf                                 |                             | 3 bbl<br>20 bbl            |                 |
| 0.25                   | 1.555                     |                 | ح.0             | <del>                                     </del> |               | 2113                   |                  |                           | 2003/           | i, 5 15      | 1                    |   | Juli   |                             | 20 001                     |                 |
|                        |                           |                 |                 |  |               |                        |                  |                           |                 |              |                      |   |  | <u>.</u>                    |                            |                 |
|                        | <del> </del>              | $\dashv$        |                 | ļ  |               |                        |                  |                           |                 |              |                      |   | <u> </u>                                     |                             |                            |                 |
| 24. Tubir              | ng Record                 |                 |                 | <u> </u>   |               | <u> </u>               |                  | <del></del>               | <u> </u>        |              |                      |   | <u>.                                    </u> | · •                         | <u> </u>                   | <del></del>     |
| Size                   |                           | h Set (l        | MD) Pac         | ker Depti  | ı (MD)        | Size                   | Dep              | oth Set (MD)              | Packer          | Depth (N     | AD)                  | Size  | D  | epth Set (M                 | D) Packe                   | er Depth (MD)   |
| 2.375                  | 2268                      |                 |                 |  |               |                        |                  |                           |                 |              |                      |   |  |                             |                            |                 |
| 25. Produ              | cing Interv               | als<br>         |                 |  |               |                        | 26               | . Perforatio              | n Record        | <u> </u>     |                      |   |  |                             |                            |                 |
| - Basin                | Formatic<br>Fruitland     |                 | 1 2             | <u>Top</u><br>111'                               | <del>  </del> | <u>Bottom</u><br>2198' | $\frac{1}{21}$   | Perforated<br>11' - 2198' | <u>Interval</u> | - 1          | <u>Size</u><br>0.34" | 74  | Holes  | Open                        | Perf. State                | 18              |
| B)                     | Traitian                  | 2 004           | -  -            |  |               | 2170                   | <del>-  -:</del> | 11 2100                   |                 |              |                      | <del>-                                     </del> | 1  | PCUD AP                     | P18'07                     |                 |
| <u>C)</u>              |                           |                 |                 |  |               |                        |                  | ····                      |                 |              |                      |   |  | DIL COL                     | IS. DIV.                   |                 |
| <u>D)</u>              |                           |                 |                 |  |               |                        |                  |                           |                 |              |                      |   | -  | DIS                         | <u>1.3</u>                 |                 |
|                        | Fracture, T<br>Depth Inte |                 | nt, Cement      | Sqeeze,  | Etc.          |                        |                  | A                         | mount ar        | nd Type      | of Materi            | al  |  |                             |                            |                 |
| 2111'                  | - 2198'                   |                 | F               | rac'd w  | /35 ga        | l 25# X-Li             | nk Pre-          |                           |                 |              |                      |   | m; 12  | 0,000# 20                   | )/40 Brad                  | y sand;         |
|                        |                           |                 | 1               | , 405,8  | 00 scf        | N2                     |                  |                           |                 |              |                      |   |  |                             |                            |                 |
|                        |                           |                 |                 |  |               |                        |                  |                           |                 |              |                      | ·   |  |                             |                            |                 |
| 10 Produ               | uction - Inte             | arral A         | 1               |  |               |                        |                  | <del></del>               |                 |              |                      |   |  |                             |                            |                 |
| Date First<br>Produced | Test<br>Date              | Hours<br>Tested | Test<br>Produ   | ction B  | il<br>BL      | Gas<br>MCF             | Water<br>BBL     | Oil Grav<br>Corr. Al      | ity             | Gas<br>Gravi | tv                   | Production  | Method                                       |                             |                            |                 |
| Troudeed               | Baile                     | restu           | -               | <b>&gt;</b>                                      |               | NO tes                 | ı                | <b>I</b>                  |                 |              | 7                    | ind al  | loca   | tion w                      | ill be                     | reported        |
| Choice<br>Size         | Tbg. Press.               | Csg.<br>Press.  | 24 Hr<br>Rate   | <u> </u>   | il<br>BL      | Gas<br>MCF             | Water<br>BBL     | Gas : Oi<br>Ratio         | ī               | Well         | Status               |   |  |                             |                            |                 |
| Size                   | Flwg.<br>St               | riess.          |                 | <b>~</b>  "                                      | ot.           | i i                    | ater o           | . [                       |                 | Gas          | Well -S              | Shut in   |  |                             |                            |                 |
|                        | ction - Inte              | rval B          |                 | <u>-  </u> _                                     |               |                        | i                |                           | ·               |              | 17 0 21 2            |   |  | ==                          |                            |                 |
| Date First<br>Produced | Test<br>Date              | Hours<br>Teste  | d Test<br>Produ | ction B  | il<br>BL      | Gas<br>MCF             | Water<br>BBL     | Oil Grav<br>Corr. Al      | rity<br>Pl      | Gas<br>Gravi | tv                   | Production  | Method                                       | ASCE                        | 外部供                        | <b>MATTORD</b>  |
|                        |                           |                 |                 | <b>&gt;</b>                                      |               |                        |                  |                           |                 |              | •                    | Gas We  | ell - Si                                     | hut in                      | ADD 1 a                    | 2007            |
| Choke<br>Size          | Tbg. Press                | Csg.<br>Press.  | 24 Hr<br>Rate   | . Q  | il<br>BL      | Gas<br>MCF             | Water<br>BBL     | Gas : Oi<br>Ratio         | i               | Well         | Status               |   |  |                             | <del>1711   0</del>        | <del>200/</del> |
|                        | Flwg.<br>SI               |                 |                 | •  |               |                        |                  |                           |                 |              |                      |   |  | FARM                        | MOTONE                     | RA OFFICE       |
| (See Instruc           | tions and sp              | aces for        | additional a    | luta on pa                                       | ge 2)         | J                      | L                | NMOC                      | ր հ             |              | ·                    |   |  | 7.63                        | S                          |                 |
|                        |                           |                 |                 |  |               |                        |                  | 1411100                   | <b>"</b>        | ,            |                      |   |  | •                           |                            |                 |

| Production   Pro   | <u> </u>               |               |                 |                    |            |               |               |                          |                 |                               |               |
|--|------------------------|---------------|-----------------|--------------------|------------|---------------|---------------|--------------------------|-----------------|-------------------------------|---------------|
| Cheke Size Proposed P |                        |               |                 |                    |            |               |               |                          | _               |                               |               |
| Power   Powe   | Date First<br>Produced |               | Hours<br>Tested | 1                  | Oil<br>BBL | Gas<br>MCF    | Water<br>BBL  | Oil Gravity<br>Corr. API | Gas<br>Gravity  | Production Method             |               |
| Date First   Test   T   |                        | Flwg.<br>SI   |                 | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF    | Water<br>BBL  | Gas : Oil<br>Ratio       | Well Status     |                               | ·             |
| State   Top   Press   February   State   State |                        |               | _               |                    |            |               | <u> </u>      |                          | · <b>T</b>      |                               |               |
| Disposition of Gas (Solid, used for fuel, vented, etc.)   Solid  | Date First<br>Produced | Test<br>Date  | Hours<br>Tested | Test<br>Production | Oil<br>BBL | Gas<br>MCF    | Water<br>BBL  | Oil Gravity<br>Corr. API | Gas<br>Gravity  | Production Method             |               |
| Soild   30. Summary of Porous Zones (include Aquifers):   31. Formation (Log) Markers   31. Formation (Log) Markers   32. Additional remarks (including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries:   Name   Top   Meas. Do   Top   Top   Meas. Do   Top   Top   Meas. Do   Top   Top   Top   Meas. Do   Top   Top   Meas. Do   Top   | Choke<br>Size          | Flwg.         | Csg.<br>Press.  | 24 Hr.<br>Rate     | Oil<br>BBL | Gas<br>MCF    | Water<br>BBL  | Gas : Oil<br>Ratio       | Well Status     |                               |               |
| Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inkuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas. De Good Alamo 1407'  Kirtland 1468'  Fruitland Coal 1950'  Pictured Cliffs 2202'  32. Additional remarks (include plugging procedure):  This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which times have been attached by placing a check in the appropriate boxes:    Good State of Committed Coal Coal Coal Coal Coal Coal Coal Coal  | -                      | osition of G  | as (Sold.       | used for fuel      | , vented,  | etc.)         |               |                          | <del>-1</del> - |                               |               |
| tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Meas, De Ojo Alamo 1407' Kirtland 1468' Fruitland Coal 1950' Pictured Cliffs 2202'  32. Additional remarks (include plugging procedure): This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which times have been attached by placing a check in the appropriate boxes:    Standard Notice for plugging and cement verification   Geological Report   Directional Survey   |                        | ary of Porc   | us Zones        | (Include Aqu       | uifers):   |               |               |                          | 31. Form        | ation (Log) Markers           |               |
| Descriptions, Contents, etc.   Name   Meas. Descriptions   Name   Meas. Descriptions   Name   Meas. Descriptions   Name   Name   Name   Meas. Descriptions   Name   | tests,                 | inlouding d   |                 |                    |            |               |               |                          |                 |                               |               |
| 32. Additional remarks (include plugging procedure):  This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (I full set reqd.)  | Forms                  | tion          | Top             | Rottom             |            | Dasa          | rintions Con  | tents etc                |                 | Name                          | Тор           |
| Sunday Notice for plugging and cement verification   Core Analysis   Other   | rorma                  | uivii         | 10p             | Bottom             |            | ————          | ripuons, Con  | nems, tie.               |                 | Pallic                        | Meas. Depth   |
| 32. Additional remarks (include plugging procedure):  This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (1 full set req'd.)   |                        |               |                 |                    |            |               |               |                          | Ojo Alan        | no                            | 1407'         |
| Pictured Cliffs   1950'   2202'  |                        |               |                 |                    |            |               |               |                          | Kirtland        |                               | 1468'         |
| Pictured Cliffs   2202'  |                        |               |                 |                    | 1          |               |               |                          | 1               | Coal                          | }             |
| 32. Additional remarks (include plugging procedure):  This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (1 full set req'd.)   |                        | ŀ             |                 |                    |            |               |               |                          |                 |                               |               |
| This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Blectrical/Mechanical Logs (1 full set req'd.)   |                        | İ             |                 |                    |            |               |               |                          | Pictured        | Cliffs                        | 2202          |
| This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Blectrical/Mechanical Logs (1 full set req'd.)   |                        | 1             |                 |                    |            |               |               |                          | į               |                               |               |
| This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Blectrical/Mechanical Logs (1 full set req'd.)   |                        |               |                 |                    |            |               |               |                          |                 |                               |               |
| This is a Basin Fruitland Coal and Aztec Pictured Cliffs commingle well. DHC - 2286AZ.  33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Blectrical/Mechanical Logs (1 full set req'd.)   |                        | ĺ             |                 |                    |            |               |               |                          |                 |                               |               |
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| 33. Indicate which itmes have been attached by placing a check in the appropriate boxes:    Electrical/Mechanical Logs (1 full set req'd.)   |                        |               |                 |                    |            | tured Clif    | fa commine    | rla wall DUC 2           | 206 4 7         |                               |               |
| Electrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Juanita Farrell  Title Regulatory Specialist   | 11115 15 4 1           | Dasili Fiu    | mana C          | oai anu A          | ziec Pic   | illied CIII   | is communi    | gie weii. DAC - 2.       | 200AZ.,         |                               |               |
| Electrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Juanita Farrell  Title Regulatory Specialist   |                        |               |                 |                    |            |               |               |                          |                 |                               |               |
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| Electrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Juanita Farrell  Title Regulatory Specialist   | 22 Indicat             | a which itm   | oc boya b       | aon attachad       | bu placir  | a a chaok in  | the appropria | ota haves:               |                 |                               |               |
| Sundry Notice for plugging and cement verification   | _                      |               |                 |                    |            | _             |               | _                        | .o.+ []         | Directional Survey            |               |
| 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*  Name (please print) Juanita Farrell  Title Regulatory Specialist   |                        |               |                 | _                  | _          |               |               |                          |                 | Directional Survey            |               |
| Name (please print) Juanita Farrell  Title Regulatory Specialist   |                        |               | ====            |                    |            |               |               |                          |                 |                               |               |
|  | 34. I hereby           | y certify tha | at the fore     | going and att      | ached inf  | ormation is o | complete and  | correct as determined    | from all avai   | lable records (see attached i | nstructions)* |
| Signature Jugusta Famel Date 04/16/2007  | Name (                 | please prin   | a) Juanii       | a Farrell          |            |               |               | Title <u>Regula</u>      | tory Specia     | alist                         |               |
|  | Signatu                | ire           | unita.          | Fam                | ul         |               |               | Date <u>04/1</u>         | 6/2007          |                               |               |
| Title 18 U.S. C Section 101 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 Ui   |                        | _//           |                 |                    |            |               |               |                          |                 |                               |               |