| rorm | 3  | 160 - 4 |
|------|----|---------|
| (Apr | il | 2004)   |

## UNITED STATES DEPARTMENT OF THE INTERIOR

| FORM APPROVED           |
|-------------------------|
| OMB NO. 1004-0137       |
| Evnires: March 31, 2007 |

| -1   |                            |                      | E                | BUREAU O                     | F LAND MA        | NAGE   | MENT   |                                 | ,  |  |                   | OMBNO.<br>Expires: Ma                 | 1004-013/<br>arch 31, 2007     |
|--|----------------------------|----------------------|------------------|------------------------------|------------------|--|--|---------------------------------|--|--|-------------------|---------------------------------------|--------------------------------|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG   |                            |                      |                  |                              |                  |  |  |                                 |  | 5. Lease Serial No.                    |                   |                                       |                                |
| т  | £ W-11                     | Поп                  | Well             | Gas Well                     | ✓Dry O           | her J  | <del>\                                    </del> | 7 (3).1                         |  |  |                   |                                       | e or Tribe Name                |
| . Type o   |                            |                      |                  |                              |                  |  |  | u Back                          | Diff   | Recur                                  | N.                | •                                     | or tribo rame                  |
| Other Dry Hole REDELVE   |                            |                      |                  |                              |                  |  |  |                                 | 7. Unit or CA Agreement Name and No. NA                                |  |                   |                                       |                                |
| 2. Name of Operator Richardson Operating Company   |                            |                      |                  |                              |                  |  |  |                                 | 8. Lease Name and Well No.<br>FRPC 29 #4                               |  |                   |                                       |                                |
| 3. Address 3100 La Plata Highway, Farmington, NM 87401  3a Phone No. (include area code) |                            |                      |                  |                              |                  |  |  |                                 |  | 9. AFI Well No.<br><b>30-045-31281</b> |                   |                                       |                                |
| Locati   | on of Well                 | (Report le           | ocation c        | learly and in a              | ccordance with   | Federal re                                       | quiremen   | ns)* 177                        |  | <i>y</i>                               |                   | ld and Pool, o                        | r Exploratory                  |
| At surface 730' FSL & 745' FEL Sec. 29 T29N-R13W   |                            |                      |                  |                              |                  |  |  |                                 | 11. Sec., T., R., M., on Block and<br>Survey or Area Sec. 29 T29N-R13W |  |                   |                                       |                                |
| At top   | prod. inter                | •                    |                  | •                            |                  | (5)  |  |                                 | 5  | <u></u>                                | 1                 | unty or Parish                        | l3. State                      |
|  |                            | Same as              |                  |                              | uan.             | V  | 4.99   | 23.25                           |  |  | 1                 | Juan                                  | NM                             |
| Date S<br>01/06  | Spudded<br>5/2004          |                      | 15.              | Date T.D. Read<br>01/09/2004 | hed              | 10 10 x  | 5. Date Co                                       | ompreted <sup>r</sup> & σ       | Ready t  | Prod.                                  |                   | vations (DF, 1<br>0' GL               | RKB, RT, GL)*                  |
| Total  | •                          | ID <b>500'</b><br>VD |                  | 19. 1                        | Plug Back T.D.:  | MD 🛴   | \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\          | 2 04 20.                        | Depti  | n Bridge Pl                            | •                 | MD<br>WD                              |                                |
| T  |                            |                      |                  | 11 - 5 - 62                  | 1 2 2            | TVD  | ٠.٠  | مراسم المسادة                   |  |  |                   |                                       |                                |
|  |                            | Other M              | echanica         | II Logs Run (S               | ubmit copy of ea | ach)   |  | 22.                             |  | well cored'<br>DST run?                | ? V No<br>V No    |                                       | omit analysis)<br>omit report) |
| None   |                            | Pacore               | d (Pana          | rt all strings               | sat in wall)     |  |  |                                 |  | tional Surv                            | <u> </u>          | <b>└</b>                              | Submit copy)                   |
| ole Size   | Ť                          |                      | . (#/ft.)        | Top (MD)                     | Bottom (MD)      | Stage Cementer<br>Depth                          |  | No. of Sks. &<br>Type of Cement |  | Slurry V<br>(BBL                       | ol. Cem           | ent Top*                              | Amount Pulled                  |
| 3/4"   | 7" K-5                     | 55 20                | #                | -1' GL                       | 130'             | J. Dep   | ,,,,,  | 60sx Clas                       |  | 13 bbl                                 |                   | face                                  | Circ. 4 bbl                    |
|  | <del> </del>               |                      |                  |                              | <u> </u>         | <u> </u>   |  |                                 |  |  |                   |                                       |                                |
|  | <del> </del>               | -                    |                  | · · ·                        |                  | <del>                                     </del> |  |                                 |  |  | <del></del>       | · · · · · · · · · · · · · · · · · · · |                                |
|  |                            |                      |                  |                              |                  |  |  |                                 |  |  |                   |                                       |                                |
| Tubin  | g Record                   |                      |                  |                              |                  | J  |  |                                 |  |  |                   |                                       |                                |
| Size   |                            | Set (MD              | ) Packe          | r Depth (MD)                 | Size             | Depth S  | et (MD)  | Packer Dep                      | th (MD)  | Siz                                    | ze De             | pth Set (MD)                          | Packer Depth (MD)              |
| IA   |                            |                      |                  |                              |                  |  |  |                                 |  |  |                   |                                       |                                |
| Produc   | ing Interva                |                      |                  |                              | Dattan           |  | erforation                                       |                                 |  | <u> </u>                               | NI- 11-1          | -                                     | D. C.Ch.                       |
|  | Formation                  | 1                    |                  | Тор                          | Bottom           | Bottom Perforated Interv                         |  |                                 | Size   |  | No. Holes         |                                       | Perf. Status                   |
|  |                            |                      |                  |                              |                  | ·  |  |                                 |  |  | <del>-</del>      |                                       |                                |
|  |                            |                      |                  |                              |                  | +  |  |                                 |  |  |                   |                                       |                                |
| ·  |                            |                      | <del></del>      |                              | ·                |  |  |                                 | -  |  |                   |                                       | <del></del>                    |
| Acid,  | Fracture, Tr               | eatment, (           | Cement S         | queeze, etc.                 |                  |  |  | -                               |  |  |                   |                                       |                                |
| I  | Depth Inter                | /al                  |                  |                              |                  |  | A  | mount and T                     | ype of !   | Material                               |                   |                                       |                                |
|  |                            |                      |                  |                              |                  |  |  |                                 |  |  |                   |                                       |                                |
|  |                            |                      |                  |                              |                  |  |  | FI 'V ' - 44.                   |  |  |                   |                                       |                                |
| . Produ  | Ction - Inte               | rval A<br>Hours      | Test             | Oil                          | Gas W            | Inter  | Oil Com  | in.                             | Gas  | D                                      | hustion Math-     |                                       |                                |
| roduced  | Date                       | Tested               | Product          | tion BBL                     | MCF B            | /ater<br>BL                                      | ter Oil Gravity Corr. API                        |                                 | Gas<br>Gravity   |  | Production Method |                                       |                                |
| hoke<br>ize  | Tbg. Press.<br>Flwg.       | Csg.<br>Press.       | 24 Hr.<br>Rate   | Oil<br>BBL                   |                  | /ater<br>BL                                      |  |                                 | Well Status  |  |                   |                                       |                                |
| n n - d  | SI Internation             | mrol D               |                  |                              |                  |  | 1  |                                 |  |  |                   |                                       |                                |
| a. Produced  | Test<br>Date               | Hours<br>Tested      | Test<br>Producti | Oil<br>BBL                   |                  |  |  | Gas Production Method Gravity   |  |  | `                 |                                       |                                |
| Choke  | The Desar                  | Cer                  | 2117-            |                              | Gas              | lator  | Gas/Oil  |                                 | Vall Cor   |  |                   |                                       |                                |
| ize  | Tbg. Press.<br>Flwg.<br>Sl | Csg.<br>Press.       | 24 Hr.<br>Rate   | Oil<br>BBL                   | Gas W<br>MCF B   | ater<br>BL                                       | Ratio  |                                 | Well Stati   | is                                     |                   | AGC                                   | EPTED FOR RECO                 |
|  |                            |                      | <u></u>          | حصح بالب                     |                  |  | 1  |                                 |  |  |                   |                                       |                                |

\*(See instructions and spaces for additional data on page 2)

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| 28h Produ                | uction - Inte              | rval C                   |   |                   | <u> </u>                       |  |  |                                 |                                    |                                       |  |  |
|--------------------------|----------------------------|--------------------------|---|-------------------|--------------------------------|--|--|---------------------------------|------------------------------------|---------------------------------------|--|--|
| Date First               | Test                       | Hours                    | Test  | Oil               | Gas                            | Water  | Oil Gravity                                      | Gas                             | Production Method                  |                                       |  |  |
| Produced                 | Date                       | Tested                   | Production  | BBL               | MCF                            | BBL  | Corr. API  | Gravity                         |                                    |                                       |  |  |
| Choke<br>Size            | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.           | 24 Hr.<br>Rate                                    | Oil<br>BBL        | Gas<br>MCF                     | Water<br>BBL   | Gas/Oil<br>Ratio                                 | Well Status                     |                                    |                                       |  |  |
| 28c. Prod                | uction - Int               | erval D                  |   |                   |                                |  |  |                                 |                                    |                                       |  |  |
| 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                  |                                       |  |  |
| Choke<br>Size            | Tbg. Press.<br>Flwg.<br>SI | Csg.<br>Press.           | 24 Hr.<br>Rate                                    | Oil<br>BBL        | Gas<br>MCF                     | Water<br>BBL   | Gas/Oil<br>Ratio                                 | Well Status                     |                                    |                                       |  |  |
| 29. Disp                 | osition of C               | Gas (Sold,               | used for fuel.                                    | vented, e.        | (c.)                           |  | ·····  |                                 |                                    |                                       |  |  |
| 30 Sum                   | mary of Poi                | rous Zones               | (Include Aq                                       | uifers):          |                                |  |  | 31 Forma                        | tion (Log) Markers                 | ··· · · · · · · · · · · · · · · · · · |  |  |
| Show<br>tests,           | w all impor                | tant zones               | of porosity                                       | and conte         | nts thereof:<br>I, time tool o | Cored intervopen, flowing  | rals and all drill-stem<br>and shut-in pressures | 1                               | iton (Lig) Markers                 |                                       |  |  |
| Formation                |                            | Тор                      | Bottom  |                   | Descriptions, Contents, etc.   |  |  |                                 | Name                               | Top<br>Meas. Depth                    |  |  |
| Wel                      | ll was drill               | ed and al                | le plugging p<br>bandoned, 2<br>ole marker.       | !' bit sub        |                                | bit lost in h  | ole. Pumped 70sx                                 | Class B ceme                    | nt inside open hole and 7" ca      | asing. Filled hole up                 |  |  |
| ☐ El                     | ectrical/Me                | chanical L               | been attached<br>logs (1 full se<br>ging and ceme | et req'd.)        |                                | the appropriate of the appropria | ort DST Report                                   | Directio                        | nal Survey                         |                                       |  |  |
| 34. I here               | eby certify t              | hat the for              | egoing and a                                      | tached inf        | ormation is                    | complete and   | correct as determined                            | l from all avail                | able records (see attached instruc | ctions)*                              |  |  |
| Name                     | (please pri                | nt) Ryan                 | Bruner  |                   |                                |  | Title Engin                                      | eering Geolo                    | gist                               |                                       |  |  |
| Signa                    | Signature R                |                          |   |                   |                                |  |  | Date 12/20/2004                 |                                    |                                       |  |  |
| Title 18 U<br>States any | J.S.C Secti<br>false, fict | on 1001 a<br>itious or f | nd Title 43 Uraudulent st                         | J.S.C Secatements | tion 1212, n                   | nake it a crimations as to a   | e for any person kno<br>any matter within its    | wingly and wil<br>jurisdiction. | llfully to make to any departmen   | nt or agency of the United            |  |  |

(Form 3160-4, page 2)