| Form | 3160-4 | |
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| (Sen | tember | 2001 |

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| FORM APPROVED |
|---------------------------|
| OMBNO. 1004-0137 |
| Expires: January 31, 2004 |

| | | | | DUKEA | | T DAND M. | 11176 | LIVILIVI | . | <u>-(,)</u> ; | - 1 | / - - | } <u></u> | E | xpires: Jan | uary 31, 2004 |
|--|---------------------------|-----------------|-----------------|------------|---------------|-----------------|------------------|--------------------------|------------------|----------------|---------------|--|----------------|----------------------------------|----------------------------------|---------------------------------------|
| | WEL | L COM | (PLE | TION | OR I | RECOMPLE | TION | REPOF | RT AN | D/FO0 | 3- i V | L \$2000 | 5 | . Lease 14-20 | Serial No.)-603-219 8 | B |
| la. Type o | f Well | Oil W | /e11 F | √Ge W | ell [| Dry 0 | her | 6. | ** FL 1** 1 | -r. 1 (| ٦ ١ | na L | : 46 | If Indi | an, Allottee | or Tribe Name |
| | f Completic | | | ew Well | | Work Over | | en 🗀 | ijo Rack | Б | iff. R | Pid I: | · 40 | Nava | | |
| 0. 1)pu 0 | . Complete | ou. | _ | | <u></u> |] | | · | 06 Davis | ت | | | 7. | Unit o | r CA Agree | ment Name and No. |
| Other | | | | | | | | | | MM | N/A | | | | | |
| 2. Name of Operator Richardson Operating Company | | | | | | | | | | 8. | | Name and | Well No. | | | |
| | | | | | | | | | | <u> </u> | Nava AFI W | ijo 14 #2 | | | | |
| 3. Address 3100 LaPlata Highway 3a. Phone No. (include area code) 505-564-3100 | | | | | | | | | | 9 | | 45-30654 | | | | |
| | | | | | | | | | | | 10 | | | Exploratory | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | | , | /W. Kutz PC | | | |
| At surface 1948' FNL & 1037' FEL | | | | | | | | | | | <u> </u> | | | | | |
| At top prod. interval reported below | | | | | | | | | | | '' | . Sec., Surve | v or Area S | n Block and Sec 14, T29N-R14W | | |
| Αι ωр | prod. mier | vai report | AI DEION | , | | | | | | | | | 12 | | y or Parish | 13. State |
| At tota | al depth | | | | | | | | | | | | 12 | San J | • | NM |
| 4. Date S | | | 115 | Date T.D | Reac | hed | | 16. Date (| Complete | vd | | | 17. | | | RKB, RT, GL)* |
| | 5/2002 | | 1.5. | 07/03/ | | and a | | Do | | Read | dy to | Prod. | | 5205" | | <u></u> ,, 0-/ |
| 8. Total l | | ID 970' | | T | | Plug Back T.D.: | MD | | | | | Bridge P | lug Set | : MD | 1 | N/A |
| u. ivali | • | VD | | | 1 7. I | ING DOOK I.D | | >17 . 03 | | L | - орчи | Dirago I | .45 001 | . WID | | .VA |
| | | | | | | | TVD | | | | | | | | | |
| Zl. Type I | Electric & | Other Me | chanic | al Logs R | lun (S | ubmit copy of e | ach) | | | 1 | | ell cored | | No L | | mit analysis) |
| CNL | | | | | | | | | | ł | | ST run? | | No [| ┛` | mit report) |
| | | | | | | | | ~• | | | nrecu | onal Sur | vey? | No | Y es (S | Submit copy) |
| | | | | | | set in well) | Stag | e Cementer | No. | of Sks. & | . T | Slurry V | /ol | | | A |
| Hole Size | Size/Gra | ide Wt. | (#/ft.) | Top (| MD) | Bottom (MD) | | Depth | | | | | | Amount Pulled | | |
| 8.750 | 7" | 20# | ‡ | 0 | | 134' | | | | lass B | | 7.3 | | 0 | | |
| 6.25 | 4-1/2" | 10. | 5 | 0 | | 963' | | | | | | 33.3 | | 0 | | |
| | | | | | | | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | 15 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 4. Tubing | g Record | | | | | | | | | | | | | , | | |
| Size | Depth | Set (MD) | Packe | r Depth (| (MD) | Size | Dep | th Set (MD) | Packer | Depth (1 | MD) | Siz | ze | Deptl | Set (MD) | Packer Depth (MD) |
| 2-3/8" | 845' | | | | | | | | 1 | | | | | | | |
| 25. Produc | cing Interva | | | | | | 26. | Perforatio | | | | | | | | |
| | Formation | | | Тор | 1 | Bottom | Perforated | Perforated Interval Size | | | | | | Perf. Status | | |
| | red Cliffs | 3 | | 805' | | 815' | -815' | 315' .34" | | | 40 | | | | | |
| 3) | | | | | | | 4 | | | | | | | | ļ | 17°17°10°00 |
| 3) | | | | | \rightarrow | | Д | | | | | | 15/10/11/10/93 | | | |
|) | | | للسب | | | | Щ. | | | | | | 7 | | LÆĢ | <u>`</u> |
| | Fracture, Tr | | ement S | Squeeze, | etc. | | | | | 17 | | | | | 10 | CER DOM |
| | Depth Interv | vall | | E00 | 1- 1 | / IICI | | / | amount : | and Type | of M | aterial | | | 1= | FEB 2004 |
| 805-815 | | | | 500 ga | IS 15% | 6 HUL | | | | | | | | RECEIVED. | | |
| | | , | | | | | | | | | | | | | | M. COMS DIV. |
| | | | | | | | | | | | | | | ***** | 100 | - 0:01. 3 - |
| 28. Produ | ction - Inte | rval A | | | | | | | | | | | | | - \\ \(\cdot \) | ^^ |
| Date First | Test | Hours | Test | Oi | 1_ | Gas MCF | Vater | Oil Gra Corr. A | vity | Ga | | Proc | luction | Method | - F. | 60 mg/2 x 3 |
| Produced | Date | Tested | Produc | ction Bl | BL | MCF | BBL | Conr. A | API | Gn | avity | | | | | C. 21 115 3 |
| 2/09/2004 Choke | 02/10/2004 Tbg. Press. | Cos | 1 2 | Oi | ı | | 1 Vater | Con/Oil | | 337-11 | C+ | | | | | |
| Size | Flwg. | Csg. Press. | 24 Hr. Rate | | BL | | water BBL | Gas/Oil Ratio | | Well Status | | and the state of t | | | | |
| 1/2" | SI 20# | 120# | | N/ | A | 124 | 162 b b l | | | PGO | | WACCEPTED FOR RECORL | | | r recorl | |
| | uction - Inte | erval B | | | | | | | | | | | | - A TOTAL OF THE P | | |
| Date First Produced | Test Date | Hours Tested | Test Product | tion Di | | | Vater BL | Oil Gra Corr. A | vity | Gas | ity | Proc | tuction | Method _ | n 4 c | 2004 |
| | Dale | LOWU | 10000 | tion BI | DL | mer I | UL | COIT. A | u I | Gravi | ıty | | | FF | R 13 | ZUU4 |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oi | | Gas V | Vater | Gas/Oil | | Well Status | | | - | Famingium field uppicf | | |
| Size | Flwg. | Press. | Rate | BE | BL | | BL | Ratio | | | | | 8 | anni M | | |
| | SI | | | | | | | | | | | | ' | 3A | gu | · · · · · · · · · · · · · · · · · · · |
| *(See ins | tructions a | nd spaces | for add | itional da | ita on | page 2) | | | | | | | | | | · |

| 28b. Production - Interval C Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method | | | | | | | | | | | | | | | |
|---|------------------------------|-----------------|--------------------|-------------|--------------|-----------------|--------------------------|--------------------------|-------------------------------|-------------------|--------------------|--|--|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | 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. Production - Interval D | | | | | | | | | | | | | | |
| 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 | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) | | | | | | | | | | | | | | | |
| 30. Summary of Porous Zones (Include Aquifers): 31. Formation (Log) Markers | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | |
| For | mation | Тор | Bottom | | Desc | riptions, Conte | ents, etc. | | | Name | Top Meas. Depth | | | | |
| Pictured | Cliffs | 805' | 815' | | | | | ĺ | | | | | | | |
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| | | | | | | | | | | | | | | | |
| 32. Addi | itional rema | rks (includ | e plugging p | rocedure): | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |
| 33. Indic | ate which it | mes have l | neen attache | d by placin | g a check in | the appropria | ite hoxes | | | | | | | | |
| | | | | | | | | Renort i | Directio | nal Survey | | | | | |
| ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey ☐ 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) Jo Becksted | | | | | | | Title _ | Compliance Administrator | | | | | | | |
| Signature School Bleus Ford | | | | | | | | Date 02/11/2004 | | | | | | | |

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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.