Form 3160-4 UNITED STATES (August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Amended

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

| 15 Type O'Well | | AIIG WEL | LCOMF | PLETION O | R RECO | MPLE | TION REP | PORT | AND LO | 3 | | 5 Lease Seri | | | |
|--|-------------------|--|--|------------------|-------------|-------------|---------------------------------------|---------|-------------|-------------|--|---|------------------|---------------------------------------|--|
| Perfect Post | la Timo | of Well F | | | | | | | | | | | | | |
| Name of Operator Part Pa | Farr | nington Fie | ad Offic | e | ₩ork | Over D | - | T. | Plug Rack | Г—1 Di | iff Resyr | | | | |
| Action Second S | Buileau | ร 67 นิสิทิน พ | | | | | | | | . د ا | | 7 Unit or CA | Agreen | nent Name and No | |
| 382 CR 3100 Particle. NN 87410 | 2. Name o | of Operator | | | | | | | | | · · · · · · · · · · · · · · · · · · · | 8 Lease Nam | e and W | /ell No. | |
| 382 CR 3100 Actoor, NA 97410 SOB-333-3630 30-045-29779 op 11 | | | - | | | | | 13a | Phone No. (| includa o | rea code) | | | #12E | |
| Location of Well (Report locations clearly until in accordance with Federal requirements)* At surface 970 PNL s 1000 FML At top pred interval reported below SAME 15. Date T.D. Reached 16. Date Completed 17. Elevations GVF. RKB, RT, GL)* 18. Total Depth MD 6799 19. Plug Back T.D. MD 6620 20. Depth Bridge Plug Set MD TVD | | | rtoa N | M 97/10 | | | | Ja. | | | • | | | | |
| Al surface 970 SNL & 1000 FVIL | | | | | in accordan | ice with | Federal req | uireme | nts)* | 22-20 | 30 | | | | |
| At top prod. interval reported below SAME | | | | | | | - | | | | | 1 | | • | |
| At total depth SAME | | | | .000 | | | | | | | | 11. Sec., T, R | ., M., or | Block and | |
| At total depth SaMe | At top p | rod. interval re | ported bel | ow same | | | | | | | | Sec. 21 | (D) -T2 | 8N-R10W | |
| 14. Date Spudded | At total | depth can | 100 | | | | | | | | | | Parish | | |
| Tyle | | | | te T.D. Reach | ned | | 16 Dat | e Com | nleted | | | | s (DF R | | |
| 7/1/1999 | · · · · · · · · · | padaca | 13. Da | ic 1.D. Reaci | icu | | | | • | Ready | to Prod. | I'. Lievation | , (Di , K | (KD, K1, GL) | |
| TVD | 7/1/ | 1999 | 7/ | 12/1999 | | | | 8/2/2 | | ı | | 5934 ' | | | |
| Type Electric & Other Mechanical Logs Rum (Submit copy of each) 22 Was well cored* | 18. Total I | - | 67 | ' 99' 19 | . Plug Back | T.D | | 662 | 20' | 20. E | epth Bridge | • | | | |
| Was DST run Discontinual Survey X No Yes (Submit report Yes (Submit cepts) Yes | 21 Type F | | r Mechani | cal Logs Run | (Submit con | v of ea | | | | 22 14/ | as well cored? | | | (es (Submit analysis) | |
| Directional Survey | 2. 1,pc 2 | | i ivicenam | our Logs rear | (Bublin Cop | ,, 01 00 | · · · · · · · · · · · · · · · · · · · | | | 1 | | | 므 | · · · · · · · · · · · · · · · · · · · | |
| Hole Size Size/Grade Wt (#A.) Top (MD) Bottom (MD) Stage Comment No. of Site. & Sturry Vol. Cement Top Amount Pulled | | | | | | | | | | J | | | = | • | |
| | 23. Casing | and Liner Rec | ord (Repo | rt all strings s | et in well) | | | | | | | | | | |
| 2-1/4" 8-5/8" 24# 308 250 sx 0 0 0 0 0 0 0 0 0 | Hole Size | Size/Grade | Wt (#ft.) | Top (MD) |) Bottom (| (MD) | | enter | | | | Cement T | op* | Amount Pulled | |
| RCUD NUG 13 12 BIL CONS. DIU. | 2-1/4" | 8-5/8" | 24# | <u> </u> | 308 | • | | | | | (4-4) | | | 0 | |
| Dil CONS. DIU. | 7-7/8" | 4-1/2" | 10.5# | | 6799 | 9' | | | 1100 | SX | | | | 0 | |
| Dist. 3 Dist. 3 | | | | | | | | | | | | R | CVD | YUG 13 '12 | |
| 24 Tubing Record | | | | | | | | | | | | | DIL C | ONS.DIV. | |
| Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) | | | | | | | | | | | | | D | ST. 3 | |
| Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) | | | | | | | | | | | | | | | |
| 2-3/8" 6530 | 24 Tubing | Record | | | | | | | | | | | | ···· | |
| Formation Top Bottom Perforated Interval Size No Holes Perf Status | | | | acker Depth (N | 1D) S1 | ze | Depth Set | (MD) | Packer De | pth (MD) | Size | Depth Set | (MD) | Packer Depth (MD) | |
| Formation | | | <u>' </u> | | | | 26 P | -4 D | | | <u>. </u> | | | | |
| A) BURRO CANYON 6631 6634 6631 - 6634 0.43 13 SQZD PERFS | 23 Floduc | <u> </u> | | Top | Botte | | | | | | Size | No Holes | T | Perf Status | |
| BASIN DAKOTA 6356' 6523' 6356' - 6523' 0.36'' 34 (7/23/12) | A) 1 | | | | | | | | | 0.43" | | | | | |
| C) 27 Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 6631' - 6634' Sqzd perfs fr/6631' - 6634' w/50 sxs cmt. Circ 8 bbls cmt to pit. (7/19/12) 6356' - 6523' A. w/1,500 gals 15% NEFE HCI ac. Frac'd w/61,301 gals foam gel carrying 85,060# sd. 28. Production - Interval A Date First Test Date Tested Date Tested Production BBL MCF BBL Ratio Choke Size Five Press Press Hr. BBL MCF BBL Ratio 28. Production-Interval B Date First Test Date Hours Tested Production BBL MCF BBL Ratio Choke Size Five Press Csg Press BL Gravity Production Method Cravity Production Method SHUT IN 28. Production-Interval B Date First Test Date Hours Tested Production BBL MCF BBL Ratio Choke Tbg Press Csg Press Csg Press BL Hr. BBL MCF BBL Ratio Choke Tbg Press Csg Press Csg Production Method Cravity Production Production Production Method Cravity Production Producti | | | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
| Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material | C) | | | | | | | | | | | | | | |
| Amount and Type of Material | D) | | | | | | | | | | | | | | |
| Second perfs fr/6631' - 6634' w/50 sxs cmt. Circ 8 bbls cmt to pit. (7/19/12) A. w/1,500 gals 15% NEFE HCI ac. Frac'd w/61,301 gals foam gel carrying | 27 Acid, F | racture, Treat | ment, Cen | nent Squeeze, | Etc. | | | | | | | | | | |
| A. w/1,500 gals 15% NEFE HCI ac. Frac'd w/61,301 gals foam gel carrying 85,060# sd. 88. Production - Interval A Date First Produced Date Hours Tested Date Production BBL Gas MCF BBL Gas Oil Ratio SHUT IN 28a Production-Interval B Date First Produced Teste Date Hr. BBL Gas MCF BBL Gas MCF BBL Gas Oil Ratio SHUT IN 28a Production-Interval B Date First Produced Date Tested Date Production BBL Gas MCF BBL Gas Oil Ratio SHUT IN 28a Production-Interval B Date First Date First Produced Date Production BBL Gas MCF BBL Gas MCF BBL Gas Oil Ratio Gas Oil Ratio Gas Oil Ratio Corr API | | Depth Interval | | | | | | | Amount and | Type of N | Maternal | | | | |
| 85,060# sd. 85,060# sd. 88 Production - Interval A Date First Produced Date BBL Gas Filwg SI Press Production Date BBL Gas Gravity 28a Production-Interval B Date First Produced Date Corr API BBL Gas Gravity BBL Gas Gravity FIGWING Corr API Gas Gas Gravity FIGWING SHUT IN 28a Production-Interval B Date First Produced Date Corr API Gas Gas Gravity BBL Gas Gil Ratio SHUT IN Choke Size Filwg Gas Gravity Corr API Gas Gas Gravity Filowing F | 663 | 1' - 6634 | <u> </u> | | | | | | | | | | | | |
| 8. Production - Interval A Date First Produced Date Tested Production BBL Gas MCF BBL Corr API Gravity Choke Size Flwg. S1 Test Hr. BBL MCF BBL Gas MCF BBL Gas Gravity Date First Produced Date Tested Production BBL MCF BBL Gas MCF BBL Gas Oil Ratio Date First Produced Date Tested Production BBL MCF BBL Gas MCF BBL Gas Oil Ratio Date First Produced Date Tested Production BBL MCF BBL Gas Gravity Choke Size Tbg Press. Csg Press. Flwg. Gas Oil Gravity Gas Gravity Choke Tbg Press. Csg Press. Flwg. Gas MCF BBL Gas MCF BBL Gas Gravity Choke Tbg Press. Csg Press. Flwg. Gas Oil Ratio Well Status Water Gas Oil Gravity Mell Status Water BBL Gas Gravity All 10 2017 | 635 | 6' - 6523 | <u>'</u> | | | ls 15 | % NEFE H | ICI a | c. Frac' | d w/6 | L,301 ga | ls foam ge | L carr | rying | |
| Date First Produced Date Tested Production BBL Gas MCF BBL Corr API Gas Gravity Choke Size Tbg Press Flwg. S1 Date First Production-Interval B Date First Production Test Date Test Date Test Date Test Date Frest Production BBL Gas MCF BBL Gas Oil Ratio Date First Produced Tbg Press Test Date Test Date Test Date Test Date Frest Production BBL Gas MCF BBL Gas Oil Ratio Date First Produced Tbg Press Csg Press Csg Press Date Test Da | | | | 85,06 | 0# sd. | | | | | | <u> </u> | | | | |
| Date First Produced Date Tested Production BBL Gas MCF BBL Corr API Gas Gravity Choke Size Tbg Press Flwg. S1 Date First Production-Interval B Date First Production Test Date Test Date Test Date Test Date Frest Production BBL Gas MCF BBL Gas Oil Ratio Date First Produced Tbg Press Test Date Test Date Test Date Test Date Frest Production BBL Gas MCF BBL Gas Oil Ratio Date First Produced Tbg Press Csg Press Csg Press Date Test Da | 70 Des des de | in Internal | | | | | | | | | | | | | |
| Produced Date Tested Production BBL MCF BBL Corr API Gravity Choke Size Flwg. S1 Date First Produced Date Tested Production BBL MCF BBL Gas Oil Ratio SHUT IN Choke Size Flwg. S1 Date First Produced Date Tested Production BBL MCF BBL Gas Oil Ratio SHUT IN Choke Size Flwg Press. Csg Press Size Production BBL Gas MCF BBL Gas Oil Ratio MCF BBL Gravity Corr API Gas Gravity Choke Size Flwg Press. Csg Press. Hr BBL MCF BBL MCF BBL Gas Oil Ratio MCF BBL MCF BBL MCF BBL Gas Oil Ratio MCF BBL Gas Oil Rati | | | | Test | Tol T | Gas | Water | Oil Gra | avity | Gas | Produc | ction Method | | | |
| Choke Size Thurst Production Interval B Date First Produced Date Test Production Size Test Production Size Thurst Produced Size Thurst Size Thurst Produced Size Thurst Size | | | | Production | | | | Corr A | API | | 1.04 | | WО ТЧ | TNG | |
| Size Flwg. Si Press Hr. BBL MCF BBL Ratio SHUT IN 28a Production-Interval B Date First Produced Date Test Date Flows Tested Production BBL MCF BBL Corr API Gas Gravity Choke Size Flwg Si Press. Size Size Size Size Size Size Size Size | Choke | Tbg Press | Csg | | | Gas | Water | | | Well Stat | us | A | | | |
| 28a Production-Interval B Date First Produced Date Test Date Tested Production BBL Gas MCF BBL Corr API Gravity Production Method Gravity Choke Size Flwg Si Press. Flwg Si Press. Si Press. Flwg Si Press. Si Production BBL Gas MCF BBL Gas MCF BBL Ratio Well Status | Size | Flwg. | | | BBL | MCF | BBL | Ratio | ĺ | | מוד יודונים | | | • | |
| Date First Produced Date Test Date Test Oil BBL MCF BBL Oil Gas Gravity Gravity Corr API Gas Gravity Production Method Gravity AII 10 7017 Choke Size Flwg Si Press. Flwg Si Press. Hr BBL MCF BBL MCF BBL Ratio Well Status | 28a Produc | ــــــــــــــــــــــــــــــــــــــ | } | L | 1 | | | L | | | NIOT TIA | P. C. | 27,44,5 | WAN WAY DE | |
| Choke Size Flwg Size Press. Size Size Size Size Size Size Size Size | Date First | Test | Hours | | | | Water | Oil Gra | avity | | Produ | | er Nova R. F. R. | H AME I VANTE AT THE | |
| Choke Size Flwg Press. Size Size Size Size Size Size Size Size | Produced | Date | Tested | | BBL | MCF | BBL | Corr A | 7 | Gravity | | | AU | <u> </u> | |
| | Choke | | | | | | | | | Well Stat | us | PO A PRO | egg (Am | | |
| See instructions and spaces for additional data on page 2) | JILE | | F1035. | | L PBL | | | | ľ | | | r iza | | UNTHEDOFFICE | |
| | (See instructions | and spaces for add | itional data or | n page 2) | | | NWUCI | U A | · | - | |) ************************************* | 7500 | | |

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|-------------------------------|------------------------------|------------------|---|----------------|------------|---|----------------------------|----------------------|--------------------------------|-------------|
| 8b Producti | on - Interv | al C | | | | - | | | · | |
| Date First Test Produced Date | | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Otl Gravity Corr API | Gas Gravity | Production Method | |
| Choke Size | Tbg Press Flwg SI | Csg. Press | 24 Hr | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | | |
| 28c Product | tion-Interva | L d D | L | | | l | _L | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | | | Oil Gravity Corr API | Gas Gravity | Production Method | |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | | |
| 9 Dispositi | | old, used for j | fuel, vented, e | tc) | <u> </u> | TO BE | SOLD | | | |
| 30 Summar | ry of Porou | s Zones (Incl | ude Aquifers) | | | | | 31 Format | tion (Log) Markers | |
| Show all | important zo depth interv | ones of porosity | y and contents to used, time to | - hereof Co | | | | | · · | |
| Format | ion | Тор | Bottom | | Descri | intions. Co | ntents, etc. | | Name | Тор |
| | | | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | Meas.Depth |
| | | | | | | | | OJO ALAI | MO SS | 873' |
| | | | | | | | | KIRTLAN | D SHALE | 1046' |
| | | | | | | | | FRUITLA | ND FORMATION | 1549' |
| | | | | | | | | LOWER F | RUITLAND COAL | 1972' |
| | | | | | | - | | PICTURE | D CLIFFS SS | 1994' |
| | | | | | | | | LEWIS SI | HALE | 2169' |
| | | | | | | | | CHACRA | ss | 2980' |
| | | | | | | | | | USE SS | 3555 ' |
| | | | | | | | | MENEFEE | | 3650' |
| | | | | | | | | POINT L | OOKOUT SS | 4314' |
| | | | | | | | | MANCOS | SHALE | 4626' |
| | | | | | | | | GALLUP | | 5491' |
| | | | | | | | | GREENHO | | 6252' |
| | | | | | | | • | CRANERO | S | 6315' |
| | | | | | | | | DAKOTA | | 6352 ' |
| 3. Indicate | which item | is have bee at | gging procedu ttached by plan full set req'd) | cing a che | | ppropriate | | DAKOTA | ional Survey | |
| | | | d cement veri | | | Analysis | Other. | ned from all availa | able records (see attached ins | tructions)* |
| Name (pl | lease print) | KRISTE | N D. LYNC | н | | | | Title <u>REGULAT</u> | ORY ANALYST | |
| | 1, | int | Λ × | | ·L_ | ` | I | Date 8/6/201 | | |
| Signature | - KI | | 0. u | 1 | | | | | | |
| Signature | <u> </u> | | <u></u> | 8 | | | | | | |

(Continued on page 3)

(Form 3160-4, page 2)