| Form 3160-5   | UNITED STATES  |  |  | FORM APPROVED                           |   |   |  |  |
|---|--|--|--|---|---|---|--|--|
| (August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  |  |  |  |   | OMB No. 1004-0137   |   |  |  |
|   |  |  |  |   | Expires: July 31, 2010  5. Lease Serial No.                             |   |  |  |
|   |  |  |  |   | NM-6892   |   |  |  |
| SUNDRY NOTICES AND REPORTS ON WELLS   |  |  |  |   | 6. If Indian, Allottee or T   | Tribe Name                                      |  |  |
| Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.   |  |  |  |   | VEN   |   |  |  |
|   |  |  |  |   | 1                                 | 7. If Unit of CA/Agreement, Name and/or No.     |  |  |
|   |  |  |  |   | 7. If Unit of CA/Agreem   | ent, Name and                                   | /OF NO.  |  |
|   | X Gas Well Other   | DEC 04   |  | U± ;                                    | 8. Well Name and No.  Reese Mesa 5                                      |   |  |  |
|   |  |  | Farmington Fia   |   |   |   |  |  |
| 2. Name of Operator   | 4 D 0'1 9 O  | 0  | Sureau of La   | nd PA                                   | g Api Well No.  | 20.045.00                                       |  |  |
| 2. Name of Operator  Burlington Resources Oil & Gas Company Lipau of Land Palagement  30-045-2352  3a. Address  3b. Phone No. (include area code)  10. Field and Pool or Exploratory Area |  |  |  |   |   |   | <del></del>  |  |
| PO Box 4289, Farmington, NM 87499   |  | i  | (505) 326-9700   |   | Basin FC / Blanco MV / Basin DK   |   |  |  |
| 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  |  |  |  |   | 11. Country or Parish, State  |   |  |  |
| Surface Unit C (N   | E/NW), 940' FNL & 1430' F  | WL, Sec  | c. 13, T32N, R8  | W                                       | San Juan  | ı, î  | lew Mexico   |  |
| 12 CHECK  | THE APPROPRIATE ROX(ES)  | TO INDI  | CATE NATURE (  | DE NO                                   | TICE REPORT OR  | OTHER DA  |  |  |
| 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NO  TYPE OF SUBMISSION  TYPE OF AC  |  |  |  |   |   |   |  |  |
|   |  |  |  |   |   |   | Notes Chut Off   |  |
| Nonce of milent   | Alter Casing   | Deepe  | rre Treat  | =                                       | toduction (Starvicestime)   |   | Well Integrity   |  |
| X Subsequent Report   | Casing Repair  | ⊢  | Construction   | =                                       | Recomplete  |   | Other  |  |
| A   | Change Plans   | <b>=</b>                                       | and Abandon  | $\equiv$                                | emporarily Abandon  |   |  |  |
| Final Abandonment Notice  | Convert to Injection   | Plug   | Back   | Π̈́ν                                    | Vater Disposal  |   |  |  |
| Called and received ve<br>11/17/14: Original plan<br>will be setting inside/ou<br>Received verbal appro   | r final inspection.) shows cement. Due to CBL rbal approval to proceed wit to set Balance Plugs for Plu stside plugs instead of inside val from Brandon Powell wit &A'd on 11/18/14 per the ab | th inside<br>ug 5 & 6.<br>e plug or<br>th NMOC | plug from Brand<br>Ran CBL (TOO<br>ly. Set Plug #5<br>CD and Joe Ruy | don P  C @ 1  @ ~1  balid  attac  ST. 3 | owell with OCD ar 405'), no good cer 200'. Surface Plu with BLM onsite. | nd Jim Lov<br>ment behir<br>g @ ~373'<br>ACCEPT | ato with BLM.  Indicate pipe, to surface.  ED FOR RECORD |  |
| 14. I hereby certify that the foregoing i   | s true and correct. Name (Printed/Typ  | ned)   |  | _                                       |   | BY:_ <i>i</i> 1                                 | TON FIELD OFFICE VILLEAM TAMBE                           |  |
| Arleen White  |  |  | Title Staff Regulatory Tech  |   |   |   |  |  |
|   |  |  | Title Ctair I  | cogan                                   | atory roon  |   |  |  |
| Signature Wellen V  | Date 12/4/14   |  |  |   |   |   |  |  |
|   | THIS SPACE FO  | OR FEDE  | ERAL OR STAT   | E OF                                    | FICE USE  |   |  |  |
| Approved by   |  |  |  |   |   |   | _  |  |
| Conditions of approval, if any, are attact that the applicant holds legal or equital entitle the applicant to conduct operation   | ole title to those rights in the subject lea   |  |  | fice                                    |   |   | Date   |  |

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.

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499 505-325-2627 \*fax: 505-325-1211

Burlington Resources
Reese Mesa 5

November 18, 2014 Page 1 of 3

940' FNL and 1430' FWL, Section 13, T-32-N, R-8-W San Juan County, NM Lease Number: NM-6892 API #30-045-23522

Plug and Abandonment Report
Notified NMOCD and BLM on 10/27/14

### Plug and Abandonment Summary:

- **Plug #1** with 68 sxs (80.24 cf) Class B cement inside casing from 4425' to 4072' to cover the Huerfanito and Bentonite tops.
- Plug #2 with 92 sxs (108.56 cf) Class B cement inside casing from 3725' to 3248' to cover the Lewis and Pictured Cliffs tops. Tag TOC at 3296'.
- Plug #3 with CR at 3167' spot 42 sxs (49.56 cf) Class B cement inside casing from 3167' to 2949' to cover the Fruitland Coal top. Tag TOC at 2962'.
- Plug #4 with 70 sxs (82.6 cf) Class B cement inside casing from 2584' to 2221' to cover the Kirtland and Ojo Alamo tops. Tag TOC at 2252'.
- Plug #5 with CR at 1334' spot 56 sxs (66.08 cf) Class B cement from 1383' to 1231' with 26 sxs inside annulus, 10 sxs below CR and 20 sxs above CR to cover the Nacimiento top.
- Plug #6 with CR at 321' spot 154 sxs (181.72 cf) Class B cement inside casing from 373' to surface with 8s sxs in annulus, 10 sxs below CR and 62 sxs above CR to cover the surface casing shoe.
- **Plug #7** with 28 sxs Class B cement top off casings and install P&A marker with coordinates Lat. 36.98756/Long -107.61326.

#### **Plugging Work Details:**

- 10/28/14 Rode rig and equipment to location. Spot in and RU. SI well. SDFD.
- 10/29/14 Bump test H2S equipment. Check well pressures: tubing and casing 300 PSI, bradenhead 10 PSI. RU relief lines. Blow well down. RU rod equipment. Pull and LD polish rod, 2' pony, 126 ¾", 3 sinker bars, 8' guided and rod pump. ND wellhead. RU well check pressure. NU kill spool and BOP. Pressure test blind and 2-3/8" pipe rams to 300 PSI and 1300 PSI, OK. Pull tubing hanger. RD well check pressure equipment. PU and tally 60 jnts (A-Plus) tubing and tag at 5211'. TOH and tally 71 stds, 2 jnts, SN, 20 MA (19 stds A-Plus) (52 stds from well) EOT tally out of well is 3348' of 2-3/8" tubing. SI well. SDFD.
- 10/30/14 Bump test H2S equipment. Check well pressures: no tubing, casing 50 PSI and bradenhead 5 PSI. RU relief lines. Blow well down. Perform function test on BOP. RU A-Plus wireline. Ran CBL from 5208' to bottom of perf at 3250'. POH. Wait on orders. Note: received approval for procedure change from J. Morris, MVCI. Spot plug #1 with calculated TOC at 4072'. SI well. SDFD.
- 10/31/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 5 PSI. RU relief lines. Perform function test BOP. Attempt to TIH pipe is stuck. Attempt to work pipe free. RU Cutters. RIH find free pipe. POH. RIH make a cut at 2897'. POH. RD Cutters. LD 2 jnts. TOH 40 stds. LD bent pipe 11 jnts and cut jnt. ND stripping head. SI well. SDFD.

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Burlington Resources
Reese Mesa 5

November 18, 2014 Page 2 of 3

### **Plugging Work Details (continued):**

- 11/3/14 Bump test H2S equipment. Check well pressures: no tubing, casing 0 PSI and bradenhead 10 PSI. RU relief lines. Perform function test on BOP. Unload annular. NU annular and stripping head. RU wellcheck. Pressure test annular to 250 PSI and 1350 PSI, OK. PU and tally fishing tool with overshot, bumper sub, jars, 6 3-1/2" drill collars, intensifier and x-over. TIH with 43 stds 2-3/8" tubing and tag fish. Attempt to work fish free. Reverse circulate and work fish. TOH with 42 stds, x-over, intensifier, 3 stds of DC's, jars, bumper sub, no fish. SI well. SDFD.
- 11/4/14 Bump test H2S equipment. Check well pressures: no tubing, casing 0 PSI and bradenhead 10 PSI. PU overshot fishing tool, bumper sub, jars, 3 stds 3-1/2" drill collars, intensifier, x-over, TIH with 42 stds and 1 jnt. RU power swivel. PU 1 jnt to 2899' top of fish. Start to circulate with 4-1/2 bbls. Attempt to get on fish and work it. TOH with 42 stds, x-over, intensifier, 3 stds, 3-1/2" DC's, jars, bumper sub, x-over jars, 3 stds 3-1/2" DC's, x-over, TIH with 41 stds. RD tubing tongs. RU power swivel. PU 1 jnt to 2890' top of fish. Start washing over from 2890'. PU 1 jnt wash over to 2899'. Circulate well clean. LD 2 jnts with power swivel. SI well. SDFD.
- 11/5/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test on BOP. PU 2 jnt with power swivel to 2899', reverse circulate. Start washing over to 2909'. Circulate well clean. LD 2 jnts with power swivel. SI well. SDFD.
- 11/6/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test BOP. PU 2 jnt with power swivel. RU pumping equipment. Start washing over from 2909' to 2920'. Circulate well clean. PU to 2866'. SI well. SDFD.
- 11/7/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test on BOP. PU 2 jnts with power swivel. RU pumping equipment. Start washing over from 2920' to 2929'. PU 1 jnt and wash over to 2939'. Circulate well clean. LD 3 jnts to 2866' with power swivel. SI well. SDFD.
- 11/10/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test on BOP. PU 3 jnts with power swivel change out stripping rubber. Start washing over from 2939'. PU 1 jnt and fell through at 2970'. PU 1 jnt no tag. Circulate well clean. Hang back power swivel. RU tubing tongs. SI well. SDFD.
- 11/11/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test on BOP. TOH with 1 stand 2-3/8" tubing, x-over, intensifier, 3 stds, 3-1/2" DC's, x-over, jars and LD 3 jnts 5-3/4" wash pipe and mill shoe (retrieve fish also) 2 jnts, cut off jnt and plugging sub. PU 7" string mill. TIH with 53 stds 2-3/8" tubing tag tight spot at 3305'. RU power swivel. Work tight spot through perfs. LD 1 jnt RD power swivel. RU tubing tongs. TIH and tag stringer at 3787'. RU power swivel work through stringer. PU 13 jnts with power swivel tag TOC at 4177'. Circulate well clean. RD power swivel. RU tubing tongs. TOH and LD string mill. SI well. SDFD.

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Burlington Resources Reese Wesa 5

November 18, 2014 Page 3 of 3

### **Plugging Work Details (continued):**

- 11/12/14 Bump test H2S equipment. Check well pressures: no tubing, casing 0 PSI and bradenhead 10 PSI. Perform function test on BOP. Spot plug #2 with calculated TOC at 3248'. TIH with 3 stds, 3-1/2" DC's. TOH and LD 6 3-1/2" DC's. RD tubing equipment. ND stripping head, annular and NU stripping head. TIH and tag TOC at 3296'. PU 7" DHS CR and set at 3167'. Pressure test tubing to 1000 PSI, OK. SI well. SDFD.
- 11/13/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. Perform function test on BOP. Establish circulation. Pressure test casing to 800 PSI, bled down to 590 PSI, no test. RU pump to casing load with 5 bbls. RU A-Plus wireline. Ran CBL from 3167' to surface found TOC at 1405'. Establish circulation. Spot plug #3 with calculated TOC at 2949'. SI well. SDFD.
- 11/14/14 Bump test H2S equipment. Check well pressures: tubing and casing 0 PSI, bradenhead 10 PSI. TIH and tag TOC at 2962'. Establish circulation. Pre-mix 2% CaCl. Attempt to pressure test casing to 800 PSI, bled down to 600 PSI. Spot plug #4 with calculated TOC at 2221'. WOC. TIH and tag TOC at 2252'. Establish circulation. Attempt pressure test to 800 PSI, bled down to 600 PSI in 30 minutes. SI well. SDFD.
- 11/17/14 Bump test H2S equipment. Check well pressures: no tubing, casing 0 PSI and bradenhead 10 PSI. RU pumping equipment. Load casing with 5 bbls. RU A-Plus wireline. Perforate 3 HSC squeeze holes at 1383'. PU 7" DHS CR and set at 1334'. Establish circulation. Pressure test casing to 800 PSI, OK. Sting in establish rate of 1.5 bpm at 900 PSI. Spot plug #5 with calculated TOC at 1231'. RU A-Plus wireline. Perforate 4 HSC holes at 373'. Establish circulation out bradenhead with 2 bbls, pump 20 bbls total. PU 7" DHS CR and set at 321'. Spot plug #6 with TOC at surface. Dig out wellhead. SI well. SDFD.
- 11/18/14 Bump test H2S equipment. Open up well; no pressures. TOC at ground level in 7" casing. ND BOP. RU High Desert. Fill out Hot Work Permit. Cut off wellhead. Found cement at surface in 7" casing and down 59' in 7" x 9-5/8" annulus. Spot plug #7 top off casings and install P&A marker with coordinates Lat. 36.98756/Long -107.61326. RD and MOL.

Jim Morris, MVCI representative, was on location. Leo Pacheco, BLM representative, was on location. Joe Ruybalid, BLM representative, was on location.