

submitted in lieu of Form 3160-5
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 21 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Durango, Colorado

1. Type of Well
GAS

5. Lease Number
MOO-C-1420-0626
6. If Indian, All. or
Tribe Name
Ute Mtn Ute
7. Unit Agreement Name

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Pinon Mesa A 1

4. Location of Well, Footage, Sec., T, R, M

Unit A (NENE), 1000' FNL & 1180' FEL, Section 36, T31N, R14W, NMPM

9. API Well No.

30-045-21604

10. Field and Pool
Basin Fruitland Coal
Basin Dakota
11. County and State
San Juan Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☐ Notice of Intent ☒ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☒ Subsequent Report ☐ Plugging ☐ Non-Routine Fracturing
☐ Final Abandonment ☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection

☒ Other -

RCVD JUL 27 '10
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources P&A'd this wellbore 5/27/10 per attached A+ report.

SEE ATTACHED
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 6/11/10

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Amisc Date 7/22/2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499
505-325-2627 * fax: 505-325-1211

Burlington Resources
Pinon Mesa A #1

May 31, 2010
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1000' FNL & 1180' FEL, Section 36, T-31-N, R-14-W
San Juan Country, NM
Lease Number: MOO-CO1420-0626
API #30-045-21604

Plug and Abandonment Report

Notified Colorado BLM and NMOCD on 5/5/10

05/06/10 MOL. Spot rig. LO/TO equipment. SDFD due to high winds.

05/07/10 RU rig. Check well pressure: tubing, 0 PSI; casing, 6 PSI; bradenhead, 10 PSI. Lay relief lines. Blow well down. ND wellhead. NU BOP, test. PU on tubing and remove donut. TOH and tally 41 joints 2.375" EUE 4.7# tubing. TIH with 6 - 3.125" drill collars with 3.875" Hurricane bit. TIH with tubing and tag CIBP at 1319'. RU drilling equipment and circulation lines. Establish circulation with 2 bbls of water. Drill CIBP from 1319' and fall through at 1320'; 92 RPM 5000# on bit and 300 PSI pump pressure; lost circulation. Pump 65 bbls of water; could not get circulation back. RD drilling equipment. TIH with 2 stands new 2.375" EUE 4.7# tubing and tag CIBP at 1556'. PUH to 1305'. Will get air package on Monday, 5/10/10. SI well. SDFD.

05/10/10 Check well pressure: tubing, 360 PSI; casing, 215 PSI; bradenhead, 14 PSI. Blow well down. TIH with tubing and tag CIBP at 1550'. RU Weatherford air package. Test air lines to 1500 PSI. Wait on flowback tank. Flowback tank showed up with no risers. Wait on Dawn Trucking to bring risers, u-bolts and hobbles to location. RU risers on flowback tank and 4" line and swings. Blow well dry with air from 1550'. Drill CIBP with air and 14 bph mist, unable to go further; no torque. Spinning on 1st CIBP or bit is worn out. RD drilling equipment. TOH with tubing and collars; bit looks good. SI well. SDFD.

05/11/10 Check well pressure: casing, 280 PSI; bradenhead, 6 PSI. Blow well down. Unlock rams. TIH with tubing and collars with 3.875" Hurricane bit and tag CIBP at 1550'. RU drilling equipment. Blow well dry with air from 1550'. Drill 1st CIBP and fill with air and 14 bph mist from 1550' to 1558', tag solid. Drill 2nd CIBP with air and 14 bph mist to 1559'. Tubing torqued up. PU on tubing to release torque. Pressure under CIBP blew CIBP up hole 5'. Drill CIBP at 1554' and get CIBP drilled to release pressure under CIBP, drilling at 86 rpm, 6000# on bit and 600# air. Let well unload. Kill well with 30 bbls of water. RD drilling equipment. PU 4 joints; wind blowing hard and cross threading tubing. SI well. SDFD.

05/12/10 Check well pressure: casing, 420 PSI; bradenhead, 7 PSI. Blow well down. TIH with 2.375" EUE 4.7# tubing and stack out at 6113'. RU air to blow well dry. Blow well with air pressured up to 1500 PSI. TOH with 9 stands; wet string on 10 stand. Connect pump hose to tubing. Pump ¼ bbl water and pressure up to 1500 PSI. Jar on tubing and get tubing unplugged. Connect air to tubing to unload well pressured up to 1500 PSI. PUH with tubing to 4260'. Blow well with air and unload well with 1350 PSI. Blow well with air from 4260'; well making 8 bph muddy water. SI well. SDFD.

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Pinon Mesa A #1

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Plugging Summary – Continued:

- 05/13/10 Check well pressure: casing, 420 PSI; tubing, 60 PSI; bradenhead, 6 PSI. Blow well down. Blow well with air from 4260', unload 31-1/2 bbls with 1450 PSI. TIH with tubing to 5528'. Blow well with air from 5528'; unable to unload hole 1600 PSI. PUH with tubing to 4910'. Blow well with air from 4910'; unload 31 bbls, 1600 PSI. Shut down air. Wait 15 minutes to check fluid entry. Blow well with air from 4910'; unload 32 bbls, 1500 PSI. Well making sand. TIH with tubing to 5528'. Blow well with air from 5528'; unload 45 bbls, 1700 PSI. Shut down air. Wait 15 minutes to check fluid entry. Blow well with air from 5528', unload 33 bbls, 1500 PSI. Well making sand. TIH with tubing to 5562'; stack out. PUH to 5528'. Blow well with air from 5528'; unload 31 bbls, 1600 PSI. Well making sand. TOH with tubing and collars. Had to kill well 2 times, each time with 10 bbls water. Tubing started to unload at 2288'; casing unloaded 39 bbls while TOH with tubing. TIH with tubing and saw tooth collar to 1307'. Note: while blowing with air and well flowing, recovered 273 bbls of water. SI well. SDFD.
- 05/14/10 Check well pressure: casing, 420 PSI; bradenhead, 6 PSI; tubing, 0 PSI; string float in tubing. Blow well down. TIH with tubing to 4014'. Blow well with air from 4014', unload 36 bbls 1400 PSI. TIH with tubing to 4632'. Blow well with air from 4632'; unload and blow back 180 bbls. Well is very wet. TOH with tubing. Well flowed back 32 bbls out casing. TIH with tubing and 4.5" Knight Oil Tools packer. Had to kill well with 14 bbls to get packer started. Set packer at 1361'. Load casing with 5-1/2 bbls of water. Pressure test casing to 500 PSI, held OK for 15 minutes. PUH with packer. Had to kill well with 16 bbls of water. TIH and set 4.5" PlugWell CIBP at 1556'. Note: after setting CIBP at 1556', well would not unload. TIH with 4.5" Knight Oil Tools packer and set at 1012'. Load casing with 6-1/2 bbls of water. Attempt to pressure test packer to 600 PSI, bled down to 0 PSI in 10 minutes. Set packer at 967'. Load casing with 4 bbls of water. Attempt to pressure test packer to 600 PSI, bled down to 140 PSI in 15 minutes. Release packer. SDFD.
- 05/17/10 Check well pressure: tubing, 420 PSI; casing, 50 PSI; bradenhead, 4 PSI. Blow well down. Unlock rams. TOH with tubing and LD packer. TIH with tubing and tag CIBP at 1556'. Load tubing with 60 bbls of water; unable to load hole.
Squeeze #1 with CIBP at 1556', spot 50 sxs Class B cement (59 cf) with 2% CaCl₂ inside casing above CIBP up to 897'. Note: Well on heavy vacuum.
TOH with tubing. WOC. TIH with tubing and tag cement load at 1508'. Load the hole with 7 bbls of water. Circulate well clean with an additional 26 bbls of water. Attempt to pressure test casing, no test. Pump into perforations 1-1/4 bpm at 600 PSI.
Squeeze #2 spot 50 sxs Class B cement (59 cf) inside casing from 1508' up to 849'. Load the hole with 2.9 bbls, start squeeze. Displace 2 bbls pressured up to 1000 PSI, bled down to 800 PSI in 15 minutes. Displace .2 bbls pressured up to 1200 PSI, bled down to 1000 PSI in 30 minutes. Displace .1 bbl pressured up to 1300 PSI, bled down to 1100 PSI in 30 minutes. Pressured up to 1200 PSI with 1 stroke of pump. SI well with 1200 PSI. TOC at 1024'. Lock rams. SDFD.

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Plugging Summary – Continued:

- 05/18/10 Check well pressure: casing, 170 PSI; bradenhead, 0 PSI. Blow well down. Unlock rams. TIH with 6 – 3.125" drill collars and tubing with 3.875" tooth bit; tag TOC at 1138'. RU drilling equipment. Drill cement from 1138' to 1336'. Soft cement. Circulate well clean. WOC. Held rig inspection with Stan Terwilliger and LeRoy Serrano, COPC representatives. Drill cement from 1336' to 1526'. Circulate well clean. SI well. SDFD.
- 05/19/10 Open well, no pressure. Pressure test casing to 500 PSI from 1526' to surface, held OK for 5 minutes. Drill cement from 1526' to 1556' and drill CIBP at 1556'. Check for CIBP to 1586'. TIH with tubing and collars, stack out at 5547'. Drill end of CIBP and shale and sand from 5547' to 5652' and fall through. Check stringers to 5683'. TIH with tubing and tag at 6107'. Drill end of 2nd CIBP and fill from 6107' to 6123' unable to get any further. Circulate well clean. PUH to 5806'. SI well. SDFD.
- 05/20/10 Open well, no pressure. TIH with tubing and tag at 6123'. Drill from 6123' to 6124' 82 rpm 6000 PSI on bit and 700 PSI pump pressure. Gary Retherford, Colorado BLM representative, approved procedure change. TOH with tubing and LD 6 – 3.125" drill collars. TIH with 3.875" gauge ring, stack out at 1520'. Work gauge ring; unable to get past 1520'. Round trip 4.5" casing scraper to 1607'. TIH with 3.875" gauge ring and stack out at 1520'. Work gauge ring, unable to get past 1520'. TIH with 3.625" gauge ring and tag at 6120'. TIH with 4.5" PlugWell CIBP and set at 6117'. TIH with tubing and tag at 6098'. Clean out fill with Baker swivel from 6098' to CIBP at 6117'. Note: returns shale and sand. Circulate well clean. PUH to 5808'. SI well. SDFD.
- 05/21/10 Check well pressure: casing, 48 PSI; tubing and bradenhead, 0 PSI. Blow well down. TIH with tubing and tag CIBP at 6117'. Load tubing with 30 bbls of water. Pressure test casing 1-1/2 bpm at 500 PSI, no test.
Plug #1 with CIBP at 6117', spot 20 sxs Class B cement (23.6 cf) inside casing from 6117' up to 5853' to isolate the Dakota interval.
PUH to 5277'. Mix 200 bbls of 9# mud. Roll the hole with 100 bbls of 9# mud from 5277'. TOH with tubing. SI well. SDFD.
- 05/24/10 Check well pressure: casing, 180 PSI; bradenhead, 0 PSI. Blow well down. Perforate 3 holes at 5334'. TIH with 4.5" PlugWell cement retainer and stack out at 1520'. TIH with 4.5" DHS cement retainer and set at 5277'. Sting out of cement retainer. Load the hole with 9 bbls of 9# mud. Attempt to pressure test casing, no test. Establish rate into squeeze holes 1-1/2 bpm at 600 PSI. Sting into cement retainer. Pump 1/2 bbl mud pressured up to 1200 PSI and held. Wait on orders. Sting out of cement retainer. Load the hole with 4 bbls of 9# mud. Steve Hayden, NMOCD representative, and Gary Retherford, Colorado BLM representative, requested Plug #2a.

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Plugging Summary – Continued:

- 05/24/10 **Plug #2** with cement retainer at 5277', spot 12 sxs Class B cement (14.1 cf) inside casing above cement retainer up to 5119' to cover the Gallup top. Displace cement with 19.8 bbls 9# mud.
Perforate 3 holes at 4872'. TIH with 4.5" DHS cement retainer to 4810, leaving cement retainer hanging. SI well. SDFD.
- 05/25/10 Open well, no pressure. Set 4.5" DHS cement retainer at 4810'. Sting out of cement retainer. Load the hole with 4 bbls of 9# mud. Attempt to pressure test casing, no test. Establish rate into squeeze holes 1-1/2 bpm at 600 PSI. Sting into cement retainer. Establish rate into squeeze holes 1 bpm at 1100 PSI.
Plug #2a with cement retainer at 4810', mix and pump 52 sxs Class B cement (61.3 cf), squeeze 44 sxs below the cement retainer and leave 8 sxs inside casing above cement retainer up to 4705'.
PUH to 3190'. Load the hole with 5 bbls of 9# mud. Attempt to pressure test casing, no test. Establish rate into squeeze holes 1-1/2 bpm at 600 PSI.
Plug #3 spot 20 sxs Class B cement (23.6 cf) with 2% CaCl₂ inside casing from 3190' up to 2926' to cover the Mesaverde top.
PUH to 1985'. WOC. TIH with tubing to 3190', no cement. Reverse circulate from 3190' with 25 bbls of 9# mud, no cement. Attempt to pressure test casing, no test. Establish rate 1-1/2 bpm at 600 PSI.
Plug #3a spot 25 sxs Class B cement (29.5 cf) inside casing from 3190' up to 2850' to cover the Mesaverde top.
TOH with tubing. SI well. SDFD.
- 05/26/10 Check well pressure: casing, 51 PSI; bradenhead, 5 PSI; tubing, 0 PSI. Blow well down. TIH with tubing to 3125', no cement. Load the hole with 5-1/2 bbls of 9# mud. Attempt to pressure test casing, no test. Establish rate 1-1/2 bpm at 600 PSI. Wait on orders. Gary Retherford, Colorado BLM representative, approved procedure change. TIH with tubing and tag cement at 3276'.
Plug #3b spot 30 sxs Class B cement (35.4 cf) with 2% CaCl₂ inside casing from 3246' up to 2851' to cover the Mesaverde top. Displace with 11 bbls of 9# mud.
PUH to 1917'. WOC. TIH with tubing and tag cement at 2967'. PUH to 2412'. Load the hole with 3-1/2 bbls of 9# mud. Attempt to pressure test casing, no test. Establish rate 1-1/2 bpm at 600 PSI. TOH with tubing. Perforate 3 holes at 2471'. TIH with 4.5" DHS cement retainer and set at 2412'. Sting out of cement retainer. Load the hole with 1-1/2 bbls of 9# mud. Pressure test casing to 600 PSI, held OK for 10 minutes. Sting into cement retainer. Establish rate into squeeze holes 1-1/2 bpm at 600 PSI.
Plug #4 with cement retainer at 2412', mix and pump 52 sxs Class B cement (61.3 cf), squeeze 44 sxs below cement retainer and leave 8 sxs inside casing above cement retainer up to 2307' to cover the Chacra top.
PUH to 1557'. Load the hole with 1-1/2 bbls of 9# mud.
Plug #5 spot 50 sxs Class B cement (59 cf) inside casing from 1557' up to 898' to cover the Pictured Cliffs, Fruitland perforations and top.
TOH with tubing. SI well. SDFD.

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Plugging Summary – Continued:

05/27/10 Check well pressure: casing, 25 PSI; bradenhead, 0 PSI. TIH and tag cement at 992'. LD tubing. Perforate 3 holes at 500'. Load the hole with 11-1/2 bbls of water. Establish circulation with an additional 22 bbls of water. PUH to 183'. Load casing with 2-1/2 bbls of water.

Plug #6 with 259 sxs Class B cement (305.6 cf) down the 4.5" casing from 500' to surface, circulate good cement out the bradenhead valve. Gary Retherford, Colorado BLM representative, approved Plug #6. ND BOP. Dig out wellhead. Issue Hot Work Permit. Monitor well. Cut off wellhead. Mix 36 sxs Class B cement and install P&A marker. Found cement and mud down 6' in the 4.5" casing and at surface in the annulus. ND 4" line to flow back tank and 2" blow down lines. Cut off anchors. Remove LO/TO. RD rig. MOL.

Jimmy Morris, MVCI representative, was on location.

Pete McNeal, PLC representative, was on location.

Rod Brashear, Loren Wickstrom, and Gary Retherford, Colorado BLM representatives, were on location.

Burlington Resources Oil & Gas Company.
Tribal Lease: MOO-C-1420-0626
Well: Pinon Mesa A #1
Location: 1000' FNL & 1180' FEL
Sec. 36, T. 31 N., R. 14 W.
San Juan County, New Mexico

3160

Conditions of Approval - Subsequent Report of Abandonment

This approval is for the completion of the downhole plugging portion of the well only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.

The Bureau of Land Management, SJPLC (david_swanson@co.blm.gov or 970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA-UMU (970.565-6094) and UMU Tribal Energy at 970.564-5690 shall be contacted prior to surface reclamation procedures for specific requirements and seed mixtures.

- The pits and boreholes shall be filled, access road restored, surface re-contoured to blend with surrounding terrain, top soil evenly redistributed.
- Well equipment, dead-men, concrete slabs, cables, piping and trash shall be removed, slash piles chipped and scattered.
- The site shall require weed control, soil preparation and reseedling with a BIA approved seed mix and shall be monitored for self-sustaining growth. **A full list of "Oil and Gas Well Surface Reclamation" requirements is available through the BLM.**

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. When re-vegetation has subsequently been re-established, BLM shall be notified by the operator with a Final Abandonment Notice. A field inspection will then be arranged between the SUIT/UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for release from bond liability.

Please submit a final wellbore diagram upon receipt of these COAs.

After the FAN is approved by this office, your liability associated with the subject well will terminate.