

RECEIVED

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

AUG 24 2010

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

1. Type of Well
GAS

5. Lease Number
NMSF - 078813

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

8. Well Name & Number
Cooper B 1E

3. Address & Phone No. of Operator

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

9. API Well No.

30-045-24212

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

10. Field and Pool

Surf: Unit P (SESE), 1015' FSL & 850' FEL, Section 7, T29N, R11W, NMPM

Otero Chacra/Basin DK

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

☐ Other -

☒ Subsequent Report

☐

Recompletion

☐ New Construction

☐ Final Abandonment

☐

Plugging

☐ Non-Routine Fracturing

☐

Casing Repair

☐ Water Shut off

☐

Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

8/11/10 a call was made to Steve Mason w/BLM & Charlie Perrin w/OCD to report wanting to change plugs. Plug #2 change too setting retainer @ 5515' & perf @ 5565' circ cmt on back side & 50' cmt on top of retainer. Plug #6 had typo in procedure should say 290' to surface. Verbal was given by BLM & OCD to proceed.

RCVD AUG 30 '10

Well P&A'd 8/17/10 per attached A+ report.

OIL CONS. DIV.**DIST. 3****14. I hereby certify that the foregoing is true and correct.**

Signed



Rhonda Rogers Title Staff Regulatory Technician Date 08/23/10

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

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

ACCEPTED FOR RECORD**AUG 26 2010****FARMINGTON FIELD OFFICE**

BY

SR

NMOC

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 * fax: 505-325-1211

Burlington Resources

August 19, 2010

Cooper B #1E

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1015' FSL & 850' FEL, Section 7, T-29-N, R-11-W

San Juan County, New Mexico

Lease Number: SF-078813

API #30-045-24212

Plug and Abandonment Report

Notified BLM and NMOCD on 8/10/10

08/10/10 MOL and RU rig. Remove guard from around wellhead. LO/TO equipment on location. Check well pressures: casing, 450 PSI; tubing, 100 PSI; bradenhead, 0 PSI. Lay relief lines. Blow well down. Monitor well, no H₂S. ND wellhead. NU BOP, test. PU on tubing and remove donut. TOH and tally 209 joints 2.375" EUE 4.7# tubing. Total tally: 6527'. Round trip 5.5" casing scraper to 6347'. SI well. SDFD.

08/11/10 Open up well, no pressure. TIH with 5.5" DHS cement retainer and set at 6316'. Load the tubing with 2-1/2 bbls of water. Pressure test tubing to 1000 PSI, held OK. Sting out of cement retainer. Load the hole with 16 bbls of water. Establish circulation with an additional 24 bbls of water. Attempt to pressure test casing, no test. Establish rate 2 bpm at 500 PSI.

Plug #1 with CR at 6316', spot 17 sxs Class B cement (20 cf) inside casing above the CR up to 6166' to isolate the Dakota perforations.

TOH with tubing and WOC. TIH with tubing and tag cement at 6206'. PUH to 5496'. Load the hole with 6 bbls of water. Attempt to pressure test casing, no test. Establish rate 1-3/4 bpm at 700 PSI. TOH and LD tubing. SI well. SDFD.

08/12/10 Open up well, no pressure. Perforate 3 holes at 5565'. TIH with 5.5" DHS cement retainer and set at 5528'. Sting out of cement retainer. Load the hole with 4 bbls of water. Attempt to pressure test casing, no test. Establish rate 1-3/4 bpm at 700 PSI. Sting into cement retainer. Establish rate into squeeze holes 1-1/2 bpm at 500 PSI. Procedure change approved by Steve Mason and Kevin Schneider, BLM representatives, on 8/11/10.

Plug #2 with CR at 5528', mix and pump 48 sxs Class B cement (56.6 cf) with 2% CaCl₂, squeeze 35 sxs outside casing and leave 13 sxs inside casing above cement retainer up to 5413' to cover the Gallup top.

TOH with tubing and WOC. TIH with tubing and tag cement at 5403'. PUH to 3560'. Load the hole with 2-1/2 bbls of water. Attempt to pressure test casing, no test. Establish rate 2 bpm at 600 PSI.

Plug #3 spot 74 sxs Class B cement (87.3) inside casing from 3560' up to 2907' to cover the Mesaverde and Chacra tops.

TOH with tubing and WOC overnight. SI well. SDFD.

08/13/10 Check well pressure: casing and tubing, 400 PSI; bradenhead, 0 PSI. . Blow well down; well flowing water. TIH with tubing and tag cement low at 2948'. Hole flowing water.

Plug #3a spot 51 sxs Class B cement (60.1) inside casing from 2948' up to 2498' to cover the Mesaverde and Chacra tops.

TOH with tubing and WOC. Load bradenhead with 1/4 bbl of water. Pressure test bradenhead to 400 PSI, held OK for 10 minutes. TIH with tubing and tag cement at 2342'. PUH to 1967'. Hole flowing water. BLM and ConocoPhillips approved procedure change to run packer and look for hole. SI well. SDFD.

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Plugging Summary - Continued:

08/16/10 Check well pressure: casing, 620 PSI; bradenhead, 0 PSI. Blow well down. TIH with 5.5" Knight Oil Tools packer to 1948'. Test casing to 800 PSI from 1948' to TOC at 2342', OK. Isolate hole in casing above 312'. TOH and LD packer. TIH with tubing to 1967'. Hole standing full.

Plug #4 spot 58 sxs Class B cement (68.4) inside casing from 1967' up to 1455' to cover the Pictured Cliffs and Fruitland tops.

PUH to 781'. Load the hole with 1-1/2 bbls of water.

Plug #5 spot 34 sxs Class B cement (40.1) inside casing from 781' up to 481' to cover the Kirtland and Ojo Alamo tops.

PUH to 312'. Load the hole with 1/2 bbl of water.

Plug #6 with 56 sxs Class B cement (66.0 cf) in two stages: 1st mix and pump 38 sxs down the 5.5" casing from 312' to surface, circulate good cement out the casing valve; TOH and LD all tubing; 2nd mix and pump 18 sxs Class B cement and squeeze down the 5.5" casing with 1000 PSI. SI well. SDFD.

08/17/10 Check well pressure: casing, 35 PSI; bradenhead, 0 PSI. Blow well down. Found cement at surface. ND BOP. Dig out wellhead. Monitor well. Issue Hot Work Permit. Cut off wellhead.

Plug #7 with 35 sxs Class B cement (41.3 cf) to install P&A marker. Found cement at surface in the annulus.

RD rig and equipment. Remove LO/TO equipment. MOL.

Jimmy Morris, MSCI representative, was on location.

Robert Verquer, Protocom representative, was on location.

Christopher Joe, BLM representative, was on location.