

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

Sundry Notices and Reports on Wells

2007 AUG 28 PM 1:55

1. Type of Well
GAS

RECEIVED
BLM
210 FARMINGTON NM

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

4. Location of Well, Footage, Sec., T, R, M
Sec., T—N, R—W, NMPM

Unit L (NWSW), 1650' FSL & 990' FWL, Sec. 34, T27N, R5W NMPM

5. Lease Number
SF-079394
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name

San Juan 27-5 Unit

8. Well Name & Number

San Juan 27-5 Unit #56

9. API Well No.

30-039-06805

10. Field and Pool

11. Blanco MV/ Blanco PC South
County and State
Rio Arriba, NM

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

Type of Submission:

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment

Type of Action:

- ☒ Abandonment
☐ Recompletion
☐ Plugging
☐ Casing Repair
☐ Altering Casing

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-off
☐ Conversion to Injection

☐ Other :

13. Describe Proposed or Completed Operations

Burlington Resources Plugged & Abandoned the subject well according to the attached report.

7/20/07

RCVD AUG 30 '07
OIL CONS. DIV.
DIST. 3

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

Signed Philana Thompson Title Regulatory Tech Date 8/27/07

(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 29 2007

FARMINGTON FIELD OFFICE

NMOCD

A-PLUS WELL SERVICE, INC.

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

FILE
WELL COPY

Burlington Resources
San Juan 27-5 #56

July 20, 2007
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1650' FSL & 990' FWL, Section 34, T-27-N, R-5-W
Lease Number: SF-079394
Rio Arriba County, NM
API #30-039-06805

Plug & Abandonment Report

Notified BLM / NMOCD on 7/9/07

Plugging Summary:

- 7/9/07 MOL and RU. No production equipment. Meter run-blanked off. No lock out / tag out required. Open well, no pressure. ND wellhead; bolts very rusty. NU BOP, test. RU offset spool and offset rams. TOH and LD 103 joints PC 1.25" IJ tubing from well with SN, 2' perf sub, one joint of tail pipe with bull plug. Note, heavy scale started at 1500'. Pipe in poor condition. PU on MV 2.375" tubing to attempt to release packer. Work tubing; packer not free. Pull 60,000# on tubing. Leave overnight. Shut in well. SDFD.
- 7/10/07 Check well pressure: tubing, 155 PSI; casing and bradenhead, 0 PSI. Load tubing with 10 bbls of water and then pressure up on tubing to 1500 PSI. MV tubing bleed down to 250 PSI. Then establish rate 2 bpm at 500 PSI down tubing. RU A+ wireline truck. RIH with 1.816" gauge ring to 5479'; EOT at 5537'. Stretch tubing to calculate free point at 3260'. RIH with jet cutter to 4874' (MV top). Pull 60,000# on tubing. Jet cut tubing at 4874'. Work tubing until packer free. POH with 178 joints 2.375" tubing, SN, 4' perf sub, 1 joint tubing and bull plug. Tubing not cut all the way at 4874', cut left a 1/2" strip steel connecting the tubing string. Apparently the jet cut jarred packer free. Found hole in tubing in joint above packer. RIH with 5.5" casing scraper to 4874'. TOH with tubing. Clutch went out on rig. Shut in well. SDFD.
- 7/11/07 Open well, no pressure. Repair rig clutch. TOH with tubing and LD the casing scraper. PU a 5.5" DHS cement retainer and TIH to 4559'. Rig clutch went out again. SI & SDFD.
- 7/12/07 Monitor for gas. Issue Hot Work Permit. Replace rig clutch. Open well, no pressure. Finish TIH with 5.5" DHS CR and set at 4819'. Pump 10 bbls of water down tubing 2 bpm at 500 PSI.
Plug #1 with CR at 4819', spot 20 sxs Type III cement (27 cf) inside casing from 4819' up to 4619' to cover the Mesaverde perforations and top. PUH to 3302'. Shut in well. SDFD.
- 7/13/07 Open well, no pressure. TIH with tubing and tag cement at 4661'. PUH to 3782'. Pump 10 bbls of water down tubing.
Plug #2 spot 20 sxs Type III cement (27 cf) inside casing from 3782' up to 3582' to cover the Chacra top.
Casing started circulating during displacement. PUH with tubing. WOC. TIH with tubing and tag cement at 3568'. PUH to 3480'. Load tubing with 10 bbls of water.
Plug #3 spot 113 sxs Type III cement (150 cf) inside casing from 3480' up to 2855' to cover the 7.625" casing shoe, 5.5" liner top, Pictured Cliffs and Fruitland tops. PUH with tubing. Shut in well. WOC overnight.

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Work Summary – Continued:

- 7/16/07 Open well, no pressure. RIH with tubing to tag cement at 2842'. Round trip 7.875" gauge ring to 2855'. Then perforate 3 HSC holes at 2854'. RIH with 7.625" PlugWell wireline CR and set at 2806'. TIH with 192 joints tubing to tag CR. Load casing with 13 bbls of water. Circulate well clean with 120 additional bbls of water. Attempt to pressure test casing, leak 1 bpm at 600 PSI. Attempt to establish rate under the CR - 1 bpm at 1500 PSI with well circulating out casing. Wait on orders. Run packer tomorrow morning. TOH with tubing and CR LD stringer. Shut in well. SDFD.
- 7/17/07 Open well, no pressure. RIH with Knight packer to isolate casing leak between 2485' to 2806'. Release packer. POH with tubing and packer. RIH with tubing to CR at 2806'. Clutch out on rig. SDFD.
- 7/18/07 Repair rig clutch. Open well, no pressure. Load casing with 10 bbls of water. Sting into CR. Establish circulation through CR ½ bpm at 1500 PSI. Circulate out of casing after 3 bbls. Shut in casing valve. Pressure up to 1500 PSI.
Plug #4 with squeeze holes at 2854', the CR at 2806' and casing holes from 2485' to 2806': mix and pump 100 sxs Type III cement (132 cf) in four steps: 1st mix and pump cement to fill the casing from 2854' up to the CR with the casing valve open; then 2nd shut in casing valve and squeeze 16 sxs cement into the formation until tubing pressure up to 2000 PSI; then 3rd sting out of CR and open casing valve; and 4th spot cement inside the casing above the CR up to 2495' to cover the Kirtland and Oyo Alamo tops. Total of 37 sxs cement under the CR and 63 sxs above the CR to fill the casing. PUH to 2495'. Reverse circulate the well clean with 20 bbls. POH with tubing. WOC. TIH with tubing and tag cement at 2638'; low. Load well with 4 bbls of water. Pressure test casing to 800 PSI, held OK for 10 minutes.
Plug #4a spot 30 sxs Type III cement (32 cf) inside casing from 2638' up to 2488' to cover the Oyo Alamo top.
TOH with tubing. Shut in well. WOC overnight.
- 7/19/07 Open well, no pressure. RIH with wireline and tag cement at 2546'. Perforate 3 holes at 1362'. TIH with 7.625" PlugWell wireline CR and set at 1312'. TIH and sting into the CR. Establish rate under the CR 1 bpm at 1200 PSI.
Plug #5 with CR at 1312', mix and pump 63 sxs Type III cement (27 cf), squeeze 43 sxs below the CR and leave 20 sxs above the CR from 1312' up to 1212' to cover the Nacimiento top.
Note: established circulation out of bradenhead during cementing. TOH and LD all tubing. Perforate 3 holes at 181'. Establish circulation out bradenhead with 4 bbls of water. Circulate the BH annulus clean with 20 additional bbls of water.

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Work Summary – Continued:

Plug #6 mix and pump 131 sxs Type III cement (173 cf) down the 5.5" casing from 181' to surface, circulate good cement out of bradenhead.
ND BOP. Dig out wellhead. SDFD due to rain and lightning.

7/20/07 Monitor for gas around wellhead. Issue Hot Work Permit. Cut off wellhead.
Mix 10 sxs Type III cement and install P&A marker.
RD. MOL.
J. Wright, MVCI representative, was on location.
R. Espinoza, BLM representative, was on location.