

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

RECEIVED**DEC 02 2008**Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

- | | |
|---|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP</p> <p>3. Address & Phone No. of Operator
PO Box 4239, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
Unit N (SESW), 900' FSL & 2215' FWL, Section 11, T25N, R7W, NMPM</p> | <p>5. Lease Number
SF-078881</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name
Canyon Largo Unit</p> <p>8. Well Name & Number
Canyon Largo Unit 427</p> <p>9. API Well No.
30-039-25484</p> <p>10. Field and Pool
Basin Dakota</p> <p>11. County and State
Rio Arriba Co., NM</p> |
|---|---|

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection

☒ Other - MIT

13. Describe Proposed or Completed Operations

Burlington Resources wishes to perform a MIT on the 5 1/2" casing & squeeze any casing failures. The C-144 has been filed.

Attached are the procedures.

RCVD DEC 4 '08

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.Signed Rhonda Rogers Rhonda Rogers Title Regulatory Technician Date 12/2/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date DEC 03 2008

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.

NMOCD

ConocoPhillips
Canyon Largo Unit 427 (DK)
MIT / Cleanout

Lat 36° 24' 34.3" N Long 107° 32' 40.4" W

Prepared By: **Jesse Hawkins**
Production Engineering Peer review/approved By:

Date: **11 / 12 / 08**
Date: **/ /**

Scope of work: Pull tubing, cleanout, perform MIT, perform remedial cementing if necessary. Swab well back to production. .

Est. Rig Days: 6

WELL DATA:

API: 30-039-25484
Location: 900' FSL & 2215' FWL, Unit N, Section 11- T 25 N - R 07 W
PBTD: 6847' (CIBP) **TD:** 6989'
Perforations: 6603'-6842' ; 6860'-6932' (DK)

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
	8-5/8"	24.0#, K-55	ST&C	8.097/7.972	397'
	5-1/2"	17.0#, K-55		4.892/4.767	6989'
<u>Tubing:</u>	2-3/8"	4.70#, J-55	EUE	1.995/1.901	6756'
<u>F Nipple:</u>	2-3/8"	4.70#, J-55	-	1.780	6725'

Well History/ Justification: This well was drilled and completed in 1995 as a DK producer. It did not produce very well because of liquid loading problems and the absence of artificial lift. A workover rig moved on in 1998 to place plugs in an effort to shut-off the excess liquids production. Two CIBPs were placed above the lower Dakota perforations which successfully shut off most of the water and oil production. Plunger lift was installed in 2001 which successfully kept the well unloaded and producing for several years. In recent years the well exhibited signs of liquid loading and appeared to be in the "bubble flow" regime. A fluid shot revealed a very high fluid level, which suggests the possibility of a casing integrity issue. An MIT will be performed to determine if there is a casing leak.

32 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 1000 (DK)

Well Failure Date: 3/21/08

Current Rate (Mcfd): 0 **Est. Rate Post Remedial (Mcfd): 30 Mcfd**

Earthen Pit Required: Steel Pit may be required for remedial cementing if necessary.

Special Requirements: Be prepared for H2S. Well has history of H2S production. Several joints of 2-3/8" tubing for replacements. Steel Pit. RBP and packer for 5-1/2" 17.0# K-55 Casing.

Production Engineer: Jesse Hawkins Office 324-5177, Cell: 608-4599

Backup Engineer: Asif Bari Office: 324-5103, Cell: 947-1822

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<u>MSO:</u>	Tom Stahle	Cell: 320-6608
<u>Lead:</u>	Vance Roberts	Cell: 320-9567
<u>Area Foreman:</u>	Cary Green	Cell: 324-5105

PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
 2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. Carefully check location for H₂S Be aware of possibility at all times.
 3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary. ND wellhead and NU BOPE.
 4. PU and remove tubing hanger and tag for fill, adding additional joints as needed. PBTD is at the upper CIBP at 6847'. Record fill depth in Wellview.
 5. TOOH with tubing (detail below).
 - 215 Jts. 2-3/8" 4.7# J-55 Tubing joints
 - 1- 2-3/8" Seating Nipple
 - 1- 2-3/8" Tubing joint
 - 1- 2-3/8" expendable check
- Visually inspect tubing and record findings in Wellview.
6. Make note of corrosion or scale. Replace tubing as needed. Please notify engineer of any unusual findings. If scale on tubing then spot acid. Contact A&OI or PE engineer for acid volume, concentration and displacement volume.
 7. PU 4-3/4" bit and bit sub and TIH for cleanout. Utilize air package to clear fill to CIBP at 6847'. TOOH with bit.
 8. PU and TIH with a RBP and Packer for a 5-1/2" 17# casing on the 2-3/8" tubing. Set RBP within 50' of the DK top perms @ ~6570' (top perf @ 6603') and set a packer to test RBP to 500psi for 10 min. (CBL shows decent bond from 6560'-6580' and no collar at 6570')
 9. Unset packer and test casing to 500psi for 30 min on a 2 hour chart with 1000# spring. If test passes, go to next step. If test fails, contact Rig Superintendent and PE Production Engineer (be prepared to isolate leak and squeeze the hole(s)).
 10. Retrieve RBP set @ ~6570', TOOH with RBP.

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11. TIH with tubing using COP drift procedure (detail below). Recommended landing depth is 6756'. Land FN @ 6755'.
 - 1- 2-3/8" Muleshoe/ Expendable Check (If fill was bailed during cleanout, utilize a pump out plug in place of expendable check.)
 - 1- 2-3/8" F-Nipple
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
 - 1- 2-3/8" 4.7# J-55 Pup Joint (2')
 - ~214- jts 2-3/8" 4.7# J-55 Tubing
 - Pups joints as necessary to achieve proper landing depth
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
12. Set standing valve. Pressure test tubing to 1000 psi. Pull standing valve.
13. ND BOPE, NU wellhead, and blow out expendable check. Notify MSO that well is ready to be turned over to production. Make a swab run, if necessary, to kick off the well. RDMO.

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