submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 10 2008
Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

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**
Unit C (NENW), 790' FNL & 790' FWL, Section 31, T29N, R9W, NMPM

5. **Lease Number**
SF-080781

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**
Cain 22

9. **API Well No.**
30-045-25037

10. **Field and Pool**
Blanco MV/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			
X Notice of Intent	Abandonment	Change of Plans	X Other – MIT	
	Recompletion	New Construction		
Subsequent Report	Plugging	Non-Routine Fracturing		
	Casing Repair	Water Shut off		
Final Abandonment	Altering Casing	Conversion to Injection		

RCVD JAN 12 '09
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources wishes to perform a MIT on the 5 1/2" casing & a possible squeeze to repair the bradenhead Per attached procedures.

The C-144 has been filed.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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

Signed Rhonda Rogers Title Regulatory Technician Date 12/10/08.

(This space for Federal or State Office use)
APPROVED BY Title Petr. Eng. Date 1/7/09
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
Cain 22
Bradenhead Repair/Casing MIT

Lat 36° 41' 13.956" N **Long** 107° 49' 30.144" W

Prepared By: Paul Nguyen **Date:** 11 / 12 / 08
Production Engineering Peer review/approved By: Jesse Hawkins **Date:** 11 / 12 / 08

Scope of work: Squeeze cement behind the production casing to repair the bradenhead and perform an MIT.

Est. Rig Days: 7

WELL DATA:
API: 3004525037
Location: 790' FNL & 790' FWL, Unit C, Section 31– T 29 N – R 09 W
PBTD: 6625' **TD:** 6670'
Perforations: 3968'-4091' (MV) 4300'-4435' (MV) 6408'-6596' (DK)

Casing:	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
Surface:	8 5/8"	24.00#, K-55	ST&C	8.097/7.972	239'
Production:	5 1/2"	15.5#, K-55	-	4.950/4.825	6670'
Tubing:	2-3/8"	4.70#, J-55	EUE	1.995/1.901	6578'
F Nipple:	2-3/8"	4.70#, J-55	-	1.780	6577'

Well History/ Justification: The Cain #22 was drilled in 1981 and completed as a dual MV/DK well. In March of 2008, MV and DK were commingled with the installation of 2-3/8" tubing and plunger lift. Holes in the casing were found at 6329' – 6359', 3488' – 3875', 3913' – 3923'; however it was exempt by the OCD and the BLM according to the sundry. There is good cement bond isolation from 2180'-2330' and a stringer at 1050' as indicated by the Cement Bond Log. In May a casing clean out was done due to scaling. Recently, the bradenhead had water in it and New Mexico Energy, Minerals and Natural Resources Department issue a statement that a remedial activity must be initiated before January 9, 2009.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 900 (MV) 1500 (DK)

Well Failure Date: N/A

Current Rate (Mcfd): 191.4 Mcfd **Est. Rate Post Remedial (Mcfd):** 191.4 Mcfd

Earthen Pit Required: NO

Special Requirements: Steel pit for cement returns, perforating service for possible squeeze, several joints of 2-3/8" tubing, bit to cleanout inside 5-1/2" 15.5# casing, composite bridge plug and packer for 5-1/2" 15.5# casing.

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Bradenhead Repair/Casing MIT

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Production Engineer:	Paul Nguyen	Office 599-3432, Cell: 320-1254
Backup Engineer:	Jesse Hawkins	Office 324-5177, Cell: 608-4599
MSO:	David Bixler	Cell: 320-4052
Lead:	Fred Haskill	Cell: 486-2373
Area Foreman:	Mike O'nan	Cell: 320-4998
Regulartory:	Tracy Monroe	Cell: 326-9752

PROCEDURE:

1. **Contact regulatory NMOCD at least 24 hours prior to cementing operations and/or MIT.** 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. Check casing, tubing and bradenhead pressures and record them in WellView.

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 additional joint(s) as necessary to tag for fill. PBTD is at 6625', and EOT is at 6578'. Record fill depth in WellView and notify engineer of fill depth so tubing landing depth can be modified as necessary.

5. TOOH with tubing (detail below):
   - 210 – 2-3/8" 4.7# J-55 EUE tubing joints
   - 1 – 2-3/8" 4.7# J-55 EUE Pup joint (2')
   - 1 – 2-3/8" 4.7# J-55 EUE tubing joint
   - 1 – 2-3/8" F nipple
   - 1 – 2-3/8" expendable check

   Visually inspect tubing and record findings in WellView. Make note of corrosion or scale. LD and replace any bad joints. If scale or paraffin is present, obtain water sample for analysis and contact engineer.

6. Roundtrip w/ GR to 3458'. RIH w/ CBP for 5 ½" 15.5# casing on wireline and set at +/- 3448' KB (40' above the top hole in the casing.) **DO NOT set CBP more than 50' above the top hole in the casing.**

7. Shoot squeeze holes at 900' w/ wireline. Note: see CBL log on the next page for TOC.

8. TIH w/ a packer and set +/- 50' above top squeeze hole. Establish two rates and pressures into hole(s). Attempt to establish circulation to surface. Report results of pressure/rate test and circulation attempt to engineer. The content and volume of cement is determined per cement service recommendation.

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9. **Contact regulatory NMOCD at least 24 hours prior to cement squeeze.** Pump cement at rate and pressure as determined from above results. Make sure that backside is loaded with water, and maintain 300-500 psi on the backside while pumping to avoid collapse of old casing. Monitor the casing valve pressure while pumping.

10. Pump at least 100% excess cement or more as determined from results of tests in step 9. Once good cement is circulated to surface, close bradenhead and continue pumping to 50' above perforation. While displacing, monitor pumping pressure at bradenhead carefully to avoid shallow fracturing. If any significant pressure increase is seen during displacement, immediately stop pumping cement, release packer and reverse circulate to clean up.

11. If sufficient displacement past packer was achieved, leave packer in hole to allow cement to set up. If sufficient displacement past packer was not achieved, release packer and reverse circulate to clean up and TOOH immediately.

12. TOOH w/ packer and lay down same.

13. PU bit and TIH to tag TOC. Record tag depth. Drill out cement. Record depth of bottom of cement.

14. Load hole and pressure test to 500 psi for 30 minutes. Pressure test must be recorded on a 2 hour chart. Notify BLM and OCD before the MIT for witness if necessary.

15. If pressure test held, circulate hole clean and TIH w/ 5-1/2" 15.5# casing mill and mill out CBP at 3448'. Continue tripping in hole to cleanout to PBTD 6625'. TOOH w/ bit.

16. TIH w/ production tubing and Land tubing at +/- 6570' KB with F nipple at 6569'. TIH using drift check procedure:

    210 – 2-3/8" 4.7# J-55 EUE tubing joints
    1 – 2-3/8" 4.7# J-55 EUE Pup joint (2')
    1 – 2-3/8" 4.7# J-55 EUE tubing joint
    1 – 2-3/8" F nipple
    1 – 2-3/8" expendable check

17. Set standing valve and pressure test tubing to 1000 psi, retrieve standing valve.

18. Pump off expendable check and make swab runs as necessary to kick well off.

19. Notify MSO that well is ready to be returned to production and RDMOL.

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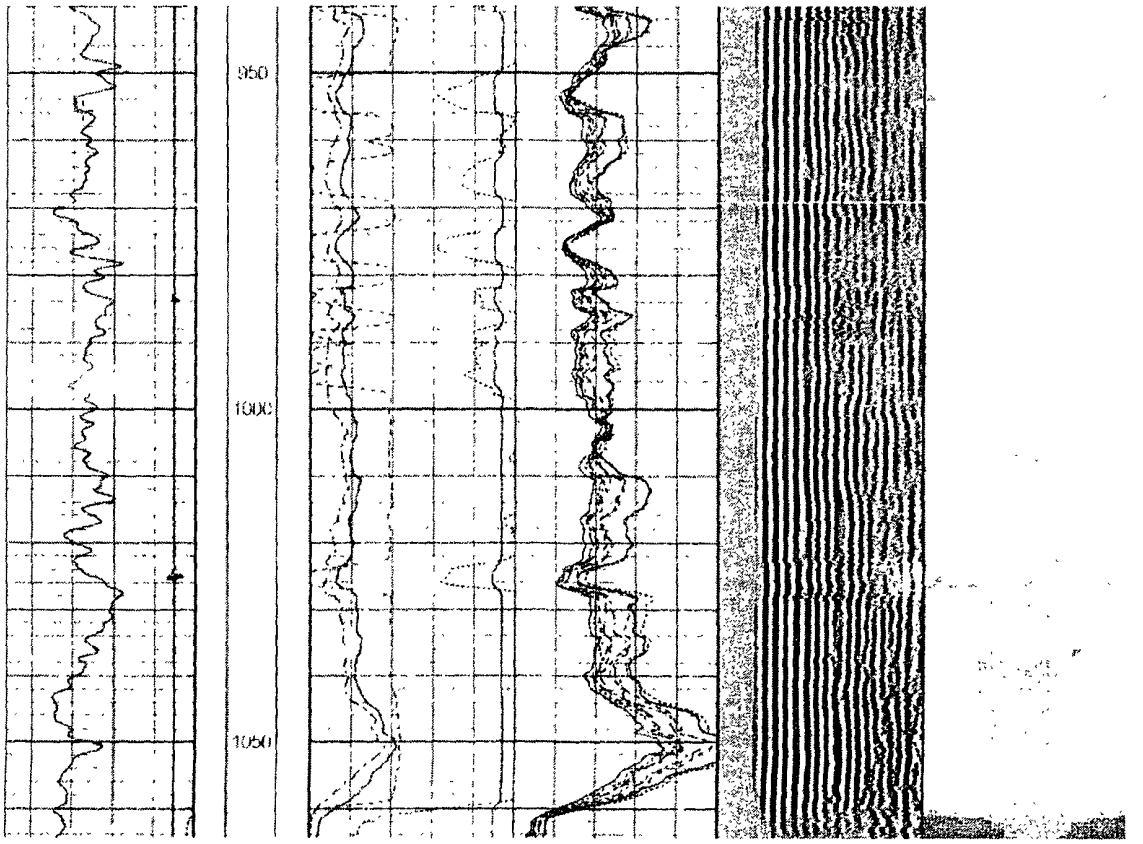

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DRIFT TEST PROCEDURE

SAFETY NOTE: To conform to COP well control manual, Sec 6.1, a barrier is required prior to performing below procedure. Where air units are being used, an expendable check is recommended; otherwise, a wireline set plug in profile nipple is recommended.

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.

2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (2.375" OD 4.70# EUE Tubing Drift ID = 1.90"), and will be at least 15" long. The tool will not weigh more than 10 lbs. and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.

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3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003"

Current Schematic

ConocoPhillips

Well Name: CAIN #22

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004525037	NMPM,031-029N-009W	BASIN DAKOTA (PRORATED GAS)		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,711.00	5,723.00	12.00		

Well Config: - Original Hole, 12/5/2008 4:12:24 PM

ftKB (MD)	Schematic - Actual	Frm Final
12		
12	Surface Casing Cement, 12-239, 12/17/1981, 215 sx Class B cement. 5 bbl circulated to surface. 12/16/81	
238		
239	Surface, 8 5/8in, 8.097in, 12 ftKB, 227.0ft	
243		
1,052		Ojo Alamo, 1,052
2,031		Pictured Cliffs, 2,031
2,324		
2,328	Casing Cement, 1,060-3,900, 12/22/1981, 180 sx Class B 50/50 Poz w/ 6% gel & 1/4# gel flake per sx, followed by 50 sx Class B w/ 2% CaCl2. TOC by temperature survey at 1000'. 12/31/81. TOC @ 1060' indicated by CBL log 3/13/2008	
3,677	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 6,543 ftKB	Cliff House, 3,677
3,966		
3,968		
3,994		
4,022	Hydraulic Fracture, 1/1/1982, 10,000 gals fresh water pad, 78,120 gals water w 51891# 20 40 sand	
4,031	MESAVERDE, 3,968-4,091, 1/30/1982	
4,065		
4,075		
4,091		
4,095		
4,294		
4,298		
4,300		
4,320		Point Lookout, 4,320
4,339		
4,340	Hydraulic Fracture, 1/1/1982, 100,000 gals 30# gel 1% Kcl water, 53,000# 20 40 sand	
4,372	MESAVERDE, 4,300-4,435, 1/29/1982	
4,435		
4,437		
4,471		
4,478		
4,805	Casing Cement, 4,100-4,900, 12/22/1981, 260 sx Class B 50/50 Poz w/ 6% gel & 1/4# gel flake per sx, followed by 50 sx Class B w/ 2% CaCl2. 12/31/81. TOC 4100' indicated by CBL 1-24-82	
4,808		
5,515	Hydraulic Fracture, 1/1/1982, 10,000 gals fresh water pad, 84,000 gals water w 84,000# 20 40 sand	Gallup, 5,515
6,408		
6,464	DAKOTA, 6,408-6,596, 1/28/1982	Dakota, 6,464
6,530	Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 6,543 ftKB, 6,545 ftKB	
6,531		
6,543	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 6,545 ftKB, 6,576 ftKB	
6,545		
6,565	SEATING NIPPLE, 2 3/8in, 6,576 ftKB, 6,577 ftKB	
6,576		
6,577	Mule Shoe Guide, 2 3/8in, 6,577 ftKB, 6,578 ftKB	
6,578		
6,596		
6,625	PBTD, 6,625	
6,626		
6,627		
6,669		
6,670	TD, 6,670, 12/22/1981	

Production Casing Cement, 6,007-6,670, 12/22/1981, 130 sx Class B 50/50 Poz w/ 6% gel anf 1/4# gel flake. Follow by 50 sx Class B w/ 2% CaCl2. CBL log only logged up to 6100' : 12/31/1981. TOC @ 6007' per 75% efficiency of cement calculation.

Cement Plug, 6,625-6,670, 12/22/1981

Production, 5 1/2in, 4.950in, 12 ftKB, 6,658.0ft

Report Printed: 12/5/2008

BLM CONDITIONS OF APPROVAL

Workover and Recompletion Operations:

1. **A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**

2. **If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**

3. **If casing repairs are required, contact this office to obtain prior approval before conducting casing repair operations.**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

SPECIAL STIPULATIONS:

1. **Pits will be fenced during work-over operation.**

2. **All disturbance will be kept on existing pad.**

3. **All pits will be pulled and closed immediately upon completion of the work-over or recompletion activities.**

4. **Pits will be lined with an impervious material at least 12 mils thick.**