submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 15 2009
Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
NMSF - 078622

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

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**
Luthy A 4

9. **API Well No.**
30-045-26613

4. **Location of Well, Footage, Sec., T, R, M**
Surf: Unit G (SWNE), 2250' FNL & 1610' FEL, Section 1, T26N, R8W, NMPM

10. **Field and Pool**
PC/MV

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	Other –	Commingle PC/MV
	Recompletion	New Construction		
Subsequent Report	Plugging	Non-Routine Fracturing		
	Casing Repair	Water Shut off		
Final Abandonment	Altering Casing	Conversion to Injection		

RCVD SEP 18 '09
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources would like to commingle this dual Blanco Picture Cliffs/Mesa Verde well per attached Procedures. The DHC Has been applied for.

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

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 9/15/09

(This space for Federal or State Office use)
APPROVED BY Original Signed: Stephen Mason Title _____ Date SEP 17 2009
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.

DHC3232AZ

NMOCD

ConocoPhillips
Luthy A #4 (PC/MV)
Commingle

Lat 36° 30' 57.888" N **Long 107° 37' 50.088" W**

Prepared by: Jonathan Coberly **Date:** 09/09/09

Scope of Work: Mill CIBP to comingle the Pictured Cliffs and Mesaverde zones, land tubing, and return to production.

Est. Rig Days: 4 **Area:** 22 **Route:** 261
Est. Uplift: 85 MCFD **Formation:** PC/MV

WELL DATA
API: 3004526613 **Spud Date:** 12/14/1985
LOCATION: 2250' FNL & 1610' FEL, Spot G, Section 01 -T 026N - R 008W

PBTD: 4947' **Total Depth:** 4955' **TBG Depth:** 2276' **KB:** 12'
PBTD (CIBP): 3930'

Perforations: 2248'-2344' (PC); 4030'-4498' (MV); 4534'-4620' (MV); 4653'-4907' (MV)

Tubular	OD	Weight	Grade	Connection	ID (in)	Drift ID (in)	Depth (KB)
Casing	9 5/8"	32.3	H-40	STC	9.001	8.845	225'
Casing	7"	20	K-55	STC	6.456	6.331	2646'
Liner_Top	4 1/2"	10.5	K-55	EUE	4.052	3.927	2503'
Liner	4 1/2"	10.5	K-55	EUE	4.052	3.927	4955'
CIBP	4 1/2"	No Record	No Record	No Record	0.000	0.000	3930'
Tubing	2 3/8"	4.7	J-55	EUE	1.995	1.901	2276'
SN	2 3/8"	4.7	J-55	EUE	1.995	1.780	2276'

Well History/Justification
The Luthy A #4 was spud in 1985 and completed into the Mesaverde formation's Point Lookout zone in 1986. In 2001, the wellbore was recompleted into the Mesaverde formation's Menefee zone. In 2003, as part of an eighty acre infill pilot on the Pictured Cliffs, the Pictured Cliffs formation was completed. Before 2003, there was a rod pump producing less than 1 bbl/d of oil and no water. Currently the Pictured Cliffs formation is flowing under wellhead compression and producing less than 1 bbl/d of water. The line pressure in the area is approximately 130 psig. When the well goes back under compression, the production rate (123 Mscfd) will be over critical lift (110 Mscfd) and we will lift all fluids to surface.

Recommendation
It is recommended to mill out the cast iron bridge plugs, clean out any fill that is present, land the tubing in the Mesaverde zone, commingle the production with the Pictured Cliffs, and return the well to flowing production under compression.

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

Artificial lift on well (type): None **Est. Reservoir Pressure (psia):** 400 (PC); 500 (MV)

Well Failure Date: None **Earthen Pit Required:** NO

Current Rate: 38 MCFD **Est. Rate Post Remedial:** 123 MCFD

Special Requirements: ~81 Joints of 4.7# J-55 Tubing for lowering tubing.
Many Joints of 4.7# J-55 Tubing for replacements.
3-3/4" Mill.

H2S: 0 ppm

Contacts	Name	Office #	Cell #
Production Engineer	Jonathan Coberly	324-5112	320-0772
Engineering Backup	Juan Alvarez	324-5185	330-5310
MSO	Nathaniel Nichols		320-8167
Spec	Fred Haskill		486-2373
Area Foreman	Ryan Frost	324-5143	320-0953

Tubing Drift Check

PROCEDURE

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

2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8",4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
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 stimulate 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: LUTHY A #4

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004526613	NMPM,001-026N-008W	BLANCO MESAVERDE (PRORATED ...		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)
6,194.00	6,206.00	12.00	6,206.00	6,206.00

Well Config: - 30045266130000, 8/6/2009 7:36:58 AM

ftKB (MD)	Schematic - Actual	Frm Final
0		
12	Surface Casing, 9 5/8in, 9.001in, 12 ftKB, 225 ftKB Surface Casing Cement, 12-225, 12/14/1985, Cement w/ 130 sx Class B. Circulated cement to surface.	
224	Tubing Joints, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 2,242 ftKB	
225		
228	Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 2,242 ftKB, 2,244 ftKB	
2,242	Tubing Joint, 2 3/8in, 4.70lbs/ft, J-55, 2,244 ftKB, 2,275 ftKB	
2,244	Seating Nipple, 2 3/8in, 4.70lbs/ft, J-55, 2,275 ftKB, 2,276 ftKB	
2,248		
2,275	Saw Tooth Collar, 2 3/8in, 4.70lbs/ft, J-55, 2,276 ftKB, 2,276 ftKB	
2,276		PICTURED CLIFFS, 2,248
2,276	Pictured Cliffs, 12/16/2003, Frac'd w/ 95,037# 20/40 Arizona sand, 10,416 gals of treated water, and 327,100 scf N2.	
2,344	Pictured Cliffs, 2,248-2,344, 12/12/2003	
2,503	Liner Top @ 2503'.	
2,515		
2,556	Intermediate Casing Cement, 900-2,646, 12/17/1985, Cement w/ 156 sx Class B 65/35 poz followed by 100 sx Class B. TOC @ 900' from 12/17/1985 TS:	
2,557		
2,645		
2,646	Intermediate Casing, 7in, 6.456in, 12 ftKB, 2,646 ftKB	
3,138		CHACRA, 3,138
3,828		MESAVERDE, 3,828
3,896		
3,930	CIBP, 3,930-3,932, Set to TA MV formation.	
3,932		MENEFEE, 3,896
4,030	Mesaverde, 1/31/2001, Frac'd w/ 25,635# sand and 56,315 gals of Slickwater.	
4,498	Mesaverde, 4,030-4,498, 1/31/2001	
4,514		
4,534	Mesaverde, 1/7/1986, Frac'd w/ 46,000# 20/40 sand and 70,742 gals of Slickwater.	
4,620	Mesaverde, 4,534-4,620, 1/7/1986	
4,653	Mesaverde, 1/7/1986, Frac'd w/ 52,000# 20/40 sand and 81,719 gals of Slickwater.	
4,907	Mesaverde, 4,653-4,907, 1/7/1986	
4,947		POINT LOOKOUT, 4,514
4,947	PBTD, 4,947	
4,948		
4,954	Production Liner Cement, 2,503-4,955, 12/21/1985, Cement w/ 50 sx Class B 50/50 poz and 269 sx Class B 50/50 poz. TOC @ 2203' w/ 75% efficiency.	
4,955	TD, 4,955, 12/20/1985	
4,955	Plugback, 4,947-4,955, 12/21/1985 Production Liner, 4 1/2in, 4.052in, 2,503 ftKB, 4,955 ftKB	