

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 28 2009

Sundry Notices and Reports on Wells

Bureau of Land Management

Farmington Field Office

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

Surf: Unit O (SWSE), 411' FSL & 1650' FWL, Section 28, T29N, R11W, NMPM

5. Lease Number

NMNM - 020982

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Mangum 6

9. API Well No.

30-045-25721

10. Field and Pool

Armenta Gallup/Fulcher Kutz PC

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 -

Commingle

☐

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

Burlington Resources wishes to D/O CIBP above the Gallup & commingle the Armenta Gallup/Fulcher Kutz Picture Cliff 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 10/28/09

(This space for Federal or State Office use)

APPROVED BY

Original Signed: Stephen Mason

Title

Date

APR 13 2011

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.

NMOC D A

PC

Current Schematic

ConocoPhillips

Well Name: MANGUM #6

API/OWI 3004525721	Service Legal Location NMPM-028-029N-011W	Field Name ARMENTA GALLUP	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,524.00	Original KB/RT Elevation (ft) 5,536.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft) 5,536.00	KB-Tubing Hanger Distance (ft) 5,536.00	

Well Config: 30045257210000, 7/21/2009 9:24:17 AM

ftKB (MD)	Schematic - Actual	Frm Final
0		
12		
265		
266		
308		
309		
312		
315	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 1,622 ftKB	OJO ALAMO, 312
520	Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 1,622 ftKB, 1,624 ftKB	KIRTLAND, 520
1,150	Tubing Joints, 2 3/8in, 4.70lbs/ft, J-55, 1,624 ftKB, 1,655 ftKB	
1,622	Pictured Cliffs, 12/31/2002, Frac'd w/ 35,428# 12/20 Brady sand, 207,900-sef-N2, and 6,726 gals of VF110. (80Q)	FRUITLAND, 1,150
1,624		
1,630	Seat Nipple, 2 3/8in, 4.70lbs/ft, J-55, 1,655 ftKB, 1,656 ftKB	
1,636	Expendable Check, 2 3/8in, 4.70lbs/ft, J-55, 1,656 ftKB, 1,657 ftKB	PICTURED CLIFFS, 1,630
1,656		
1,657		
1,660		
1,700		
1,900	PBTD, 1,900, CIBP, 12/21/2002	
1,902		
1,920		
1,922		
2,250		
3,200		
4,000		
4,350		
4,362		
4,364		
5,230		
5,232		
5,235		
5,259	Gallup, 6/25/1983, Frac'd w/ 250,500# 20/40 sand and 231,060 gals HGS-1 treated water. (70Q)	
5,895		
6,083		
6,085	PBTD, 6,085, Original	
6,126		
6,127		
6,130	TD, 6,130, 6/19/1983	

ConocoPhillips
Mangum #6 (PC/GP)
Commingie

Lat 36° 41' 26.232" N

Long 107° 59' 35.376" W

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 work over rig. 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.
4. ND wellhead and NU BOPE. PU and remove tubing hanger.
5. TOOH with tubing (details below)

Number	Description
51	2-3/8" 4.7# J-55 Tubing Joints
1	2-3/8" 4.7# J-55 Pup Joint (2')
1	2-3/8" 4.7# J-55 Tubing Joint
1	2-3/8" OD (1.78" ID) Seating 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.

6. RIH with 4-3/4" mill. Tag for fill (CIBP @ 1900'). If fill is tagged above CIBP, clean out the fill with air package. If no fill is tagged or fill has been cleaned out, mill the CIBP.

7. Tag for fill (CIBP @ 5230'). If fill is tagged above CIBP, clean out the fill with air package. If no fill is tagged or fill has been cleaned out, mill the CIBP.

8. Clean out well to PBDT @ 6085'. Make notes of any paraffin or scale encountered and contact the Production Engineer for treatment.

9. TIH with tubing using Tubing Drift Procedure. (detail below).

Recommended

Tubing Drift ID:	1.901"
Land Tubing At:	5956'
Land Seat Nipple At:	5925'

Number	Description
1	1-1/2" Muleshoe
1	2-3/8" to 1-1/2" (1.61" ID) Swedge
1	2-3/8" Price Type Cover Joint (30')
1	2-3/8" OD (1.78" ID) Seat Nipple
1	2-3/8" 4.7# J-55 Tubing Joint
1	2-3/8" 4.7# J-55 Pup Joint
~186	2-3/8" 4.7# J-55 Tubing Joints
As Necessary	2-3/8" 4.7# J-55 Pup Joints
1	2-3/8" 4.7# J-55 Tubing Joint

Record new tubing landing depth in WellView.

10. ND BOP, NU B-1 Adapter, rod radigan, and flow tee (place rod radigan, below flow tee).

11. TIH with rods and pump:

Number	Description
1	1"x1' Strainer Nipple
1	2"x1-1/4"x8'x12' RHAC-Z Rod Pump w/ 4' Plunger
1	3/4"x8' Guided Rod Sub
1	3/4" Shear Tool
3	1-1/4"x25' Sinker Bars (75' total)

10	3/4"x25' Guided Sucker Rods
~227	3/4"x25' Sucker Rods
As Necessary	3/4" Pony Rods
1	1-1/4" x 22' Polished Rod w/ Spray Metal Coating

12. Space out and seat pump. Load tubing with water to pressure test tubing and pump to 500 psi. Test for good pump action. Space out pump for 74" stroke. Verify well pumps up before moving out. Plumb flowline to wellhead assembly.

13. Notify lease operator that well is ready to be returned to production. RD, MOL

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".