

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

RECEIVED**SEP 24 2009**

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

- | | |
|---|--|
| <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 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
Surf: Unit H (SENE), 1490' FNL & 1190' FEL, Section 14, T28N, R11W, NMPM</p> | <p>5. Lease Number
NMNM - 03179</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Aztec 8E</p> <p>9. API Well No.
30-045-23751</p> <p>10. Field and Pool
Basin Dakota/Otero Chacra</p> <p>11. County and State
San Juan 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 checked="" type="checkbox"/> Other - PB water producing Zone
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	
	<input type="checkbox"/> Casing Repair	
	<input type="checkbox"/> Altering Casing	
	<input type="checkbox"/> Change of Plans	
	<input type="checkbox"/> New Construction	
	<input type="checkbox"/> Non-Routine Fracturing	
	<input type="checkbox"/> Water Shut off	
	<input type="checkbox"/> Conversion to Injection	

RCVD SEP 28 '09

OIL CONS. DIV.

DIST. 3

13. Describe Proposed or Completed Operations

Burlington Resources wishes to P/B water producing zone w/CIBP & return well to production. Attached is the Procedure & Schematic.

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

Signed Jamie Goodwin Title Regulatory Technician Date 9/24/09

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason

Title _____

Date _____

SEP 24 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.

NMOCD

ConocoPhillips
AZTEC 8E
Water Shut Off

Lat 36° 39' 55.116" N

Long 107° 58' 3.828" 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 and tag for fill, adding additional joints as needed (tubing currently landed @ 6377', PBTD @ 6440') . Record fill depth in Wellview.
5. If fill is tagged, PU bailer and CO to PBTD (6440'). If fill is too hard or too much to bail, utilize the air package. Call Production Engineer to inform how much fill was tagged and therefore confirm/adjust landing depth.
6. TOOH with tubing (details below). LD tubing bailer (if applicable). **Number joints as they are TOOH. (Joint #1 = top joint)**

Number	Description
207	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" Seat Nipple (ID 1.78")
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 needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

7. TIH with tubing, packer, and a 4-1/2" CIBP. Set the CIBP 50' above the Dakota formation at 6200'. Run up hole to 6150' and test the CIBP with the packer. If test fails set another CIBP. If test passes, move to step 8.

8. Set packer at 3215' (50' below the Chacra formation) and MIT the casing between 3215' and 6200'. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.)

9. Run up hole with the tubing and packer and set the packer at 2601'. Conduct an MIT on the backside of the tubing from 2601' to surface. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.)

10. If the MIT from step 7 failed, locate the leak and squeeze the casing appropriately. **If the MIT from step 7 passes, continue to step 10.**

11. If the MIT from step 8 failed (In order to test that the packer was working correctly): RIH with wireline and set CIBP 50' above the Chacra formation at 2601'. TOOH with wireline and TIH with tubing. Conduct an MIT on the casing above the Chacra formation. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.) If the test fails, locate the leak and squeeze the casing appropriately. **If the MIT from step 8 passed, continue to step 11.**

12. Mill out CIBP at 2601' (If applicable). TIH with tubing to 2825' and conduct a flow test on the Chacra formation. Blow the well clean with the air package and monitor gas and water rates for 4 hours. Notify the Production Engineer of the results of this test.

13. Mill out the CIBP at 6200'. TOOH with tubing.

14. TIH with tubing using Tubing Drift Procedure. (detail below). Record the joint numbers as you TIH.

Recommended

Tubing Drift ID:	1.901"
Land Tubing At:	6340'
Land F-Nipple At:	6338'

Number	Description
1	2-3/8" Expendable Check
1	2-3/8" F-Nipple (ID 1.78")
1	2-3/8" 4.7# J-55 Tubing Joint
1	2-3/8" 4.7# J-55 Pup Joint
~203	2-3/8" 4.7# J-55 Tubing Joints
As Necessary	2-3/8" 4.7# J-55 Pup Joint
1	2-3/8" 4.7# J-55 Tubing Joint

15. Run standing valve on shear tool, load and pressure test tubing to 1000 psig. Pull standing valve.

16. ND BOP, NU wellhead, blow out expendable check. Make swab run if necessary to kick off well. Notify Lease operator to retun to well production. RDMO.

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: AZTEC #8E

API/UMI 3004523751	Surface Legal Location NMPM,014-028N-011W	Field Name BASSIN MOUNTAIN (PROBABLE GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,742.00	Original KB/RT Elevation (ft) 5,757.40	KB-Ground Distance (ft) 15.40	KB-Casing Flange Distance (ft) 5,757.40	KB-Tubing Hanger Distance (ft) 5,757.40	

Well Config: 30045237510000, 9/18/2009 8:40:30 AM

