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1625 N. French Dr., Hobbs, NM 88240
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Jun 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-11325
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Burlington Resources Oil Gas Company LP		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289		7. Lease Name or Unit Agreement Name Allison Unit
4. Well Location Unit Letter E : 1750 feet from the North line and 990 feet from the West line Section 20 Township 32N Range 6W NMPM San Juan County		8. Well Number 10
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR		9. OGRID Number 14538
		10. Pool name or Wildcat Blanco Mesaverde

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Bradenhead Repair ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources requests permission to repair the BH on the subject well per the attached procedure and current wellbore schematic. The subject well is being repaired in reference to RBDMS KGR1104054915.

* Submit CBL for review before proceeding

Spud Date: 1/20/1956

Rig Released Date: 3/22/1956

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Crystal Tafoya TITLE Staff Regulatory Technician DATE 4/12/11

Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837

For State Use Only

APPROVED BY: Brandon Panell TITLE Deputy Oil & Gas Inspector, District #3 DATE 4-27-11
Conditions of Approval (if any):

* See above



PC

ConocoPhillips
ALLISON UNIT 10
Expense - Repair Bradenhead
Lat 36° 58' 5.844" N Long 107° 29' 14.604" 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 @ 5766', PBTD @ 5813'). Record fill depth in Wellview.
5. TOOH with tubing (details below).

Number	Description
193	2 3/8" Tubing joints
1	2 3/8" Seat nipple (1.780" ID)
1	2 3/8" Tubing Joint
1	2 3/8" Expendable Check with Mule Shoe

Use Tuboscope Unit to inspect tubing and record findings in Wellview. **Make note of corrosion, scale, or paraffin and save a sample for further analysis.** LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

6. PU RBP and packer. TIH and set the RBP at 4378' (40' above top perforation). PUH, set packer, and pressure test RBP. Release packer and load hole. Close pipe rams.
7. POOH with packer. RU wireline and run CBL and Casing Inspection Log tools. Notify Production Engineer and Rig Superintendent of logging results.
8. Remove tubing head and inspect secondary seals. If no seal is found, contact wellhead vendor to repair wellhead. NU tubing head and close bradenhead. Keep shut in and monitor pressure.
9. Pressure test the 5 1/2" casing to 550 psi for 30 minutes for MIT. Monitor the bradenhead for any communication. If the casing does not test, notify Rig Superintendent and Production Engineer for instructions.
10. Use tubing to cleanout fluid to prevent fallback onto formation. Release RBP and TOOH. LD RBP.
11. If fill is tagged, PU bailer and CO to PBTD (5813'). If fill is too hard or too much to bail, utilize the air package. Save a sample of the fill and contact engineer for further analysis. TOOH. LD tubing bailer (if applicable). If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left and confirm/adjust landing depth.
12. TIH with tubing using Tubing Drift Procedure. (detail below).

Recommended	
Tubing Drift ID:	1.901"
Land Tubing At:	5791'
Land F-Nipple At:	7408'

Number	Description
1	2 3/8" Mule Shoe/Expendable Check
1	2-3/8" F-Nipple (1.78" ID)
1	2-3/8" Tubing Joint
1	2-3/8" Pup Joint (4')
192	2-3/8" Tubing Joints
XX	2-3/8" Pup Joints as needed
1	2-3/8" Tubing Joint

13. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500 psi. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.
14. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then 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: ALLISON UNIT #10

API / UWI 3004511325	Surface Legal Location E-020-032N-006VV	Field Name BASIN DANG / A (PROPOSED GAS)	License No.	State / Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,530.00	Original KB/RT Elevation (ft) 6,540.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 6,540.00	KB-Tubing Hanger Distance (ft) 6,540.00	

Well Config: - Original Hole, 4/4/2011 10:14:29 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Form Final
0		Surface Casing Cement, 10-169, 1/21/1956, CEMENTED W/ 175 SX REGULAR CMT. Circulated to Surface.	KIRTLAND, 10
10		Surface, 13 3/8in, 12.715in, 10 ftKB, 169 ftKB	
168		Intermediate Casing Cement, 2,600-3,553, 2/2/1956, CEMENTED W/ 125 SX REGULAR CMT & 125 POZMIX. TOC @ 2600 by TS.	FRUITLAND, 2,560
169		Cement Squeeze, 3,435-3,553, 2/7/1956, 2/7/1956 - Set retainer at 3470'. Squeezed w/ 135 sx.	PICTURED CLIFFS, 3,193
180		2/9/1956 - Set retainer at 3444'. Squeezed interval 3550-3631' w/ 100 sx reg cement (75 sx into formation).	
2,560		2/13/1959 - Set retainer at 3435' Squeezed w/ 100sx.	LEWIS, 3,554
2,600		Intermediate 1, 9 5/8in, 8.921in, 10 ftKB, 3,553 ftKB	
3,193		SINGLE STAGE, 3,540-4,280, 2/17/2004, Squeezed w/ 42 bbl G - neat cement. TOC est w/ 75% efficiency calculations.	CLIFF HOUSE, 5,412
3,435		Breakthrough pressure: 380 Breakdown rate used in squeeze job: 2 Hours circulated between stages: 0.5 Method used to measure density: TRUCK Method used for mixing cement in this stage: TRUCK	MENESEE, 5,461
3,540		Pressure left on after job: 1250 Tail pipe used (Y/N): N Time cementing mixing started: 14:28	POINT LOOKOUT, 5,698
3,552		Perforated, 4,412-4,921, 2/20/2004	
3,553		Perforated, 5,235-5,448, 2/16/2004	
3,554		Perforated, 5,500-5,690, 3/17/1956	
4,280		SQUEEZE PERFS, 5,615, 3/15/1956	
4,412		Nipple, 2 3/8in, 4.70lbs/ft, J-55, 5,733 ftKB, 5,734 ftKB	
4,921		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 5,734 ftKB, 5,765 ftKB	
5,235		Perforated, 5,730-5,788, 3/17/1956	
5,412		Expendable Check, 2 3/8in, 4.70lbs/ft, J-55, 5,765 ftKB, 5,766 ftKB	
5,448		PBTD, 5,813, PBTD after recompletion	
5,461		Fill, 5,813-7,075	
5,473		Cement plug, 7,075-7,200, 11/30/1973, Plug across Gallup formation top from 7,075-7,200	MANCOS, 5,840
5,500		Production Casing Cement, 5,620-7,940, 3/5/1956, CEMENTED W/ 500 SX POZMIX S-40 + 125# FLOCELE. TOC @ 5620 by TS.	GALLUP, 7,196
5,615		Cement plug, 7,830-7,940, 11/30/1973, Plugged Dakota formation w/ 50 sx cement from 7830-8042'	GREENHORNE, 7,425 GRANEROS, 7,777
5,620		Production 1, 5 1/2in, 4.892in, 10 ftKB, 7,940 ftKB	DAKOTA, 7,832
5,690		Cement Plug, 7,940-8,042, 11/30/1973 Display Cement Fill, 8,042-8,060, 3/5/1956, 18' of Hydromite on top of CIBP	
5,698		Cast Iron Bridge Plug, 8,060-8,062	
5,730			
5,733			
5,734			
5,765			
5,766			
5,788			
5,813			
5,840			
6,308			
7,075			
7,196			
7,200			
7,425			
7,777			
7,830			
7,832			
7,939			
7,940			
8,042			
8,060			
8,062			
8,245		TD, 8,245, 3/4/1956	

**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
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AZTEC NM 87410
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[http://emnrd.state.nm.us/ocd/District III/3district.htm](http://emnrd.state.nm.us/ocd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8/19/2008 Operator Burlington Resources API # 3004511325
Property Name ALLISON UNIT Well No. 10 Location: Unit E Section 20 Township 032N Range 006W
Well Status Flowing Initial PSI: Tubing 137 Intermediate 52 Casing 174 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE BRADENHEAD			INTERM		FLOW CHARACTERISTICS	
						BRADENHEAD	INTERMEDIATE
	BH	Int	Csg	Int	Csg		
5 min	0	52	174	0	174	Steady Flow	
10 min	0	52	174	0	174	Surges	
15 min	0	52	174	0	174	Down to Nothing	
20 min						Nothing	Y
25 min						Gas	Y
30 min						Gas & Water	
						Water	

If Bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

If Intermediate flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE Bradenhead 0 Intermediate 3

REMARKS:

BH had no psi and no flow. INT. had 52 psi and blew down to a light whisper in 10 seconds through a 1/2" fitting. After shutting in INT for 5 min. it had 3 psi on it.

Tested By hudmapw Witness _____

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BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 8/25/2010 Operator Burlington Resources API # 3004511325
Property Name ALLISON UNIT Well No. 10 Location: Unit E Section 20 Township 032N Range 006W
Well Status Flowing Initial PSI: Tubing 191 Intermediate 231 Casing 193 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE					FLOW CHARACTERISTICS	
	BRADENHEAD			INTERM		BRADENHEAD	INTERMEDIATE
	BH	Int	Csg	Int	Csg		
5 min		231	193	231	193	Steady Flow	
10 min		231	193			Surges	
15 min		231	193			Down to Nothing	
20 min						Nothing	Y
25 min						Gas	
30 min						Gas & Water	Y
						Water	

If Bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

If Intermediate flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY Y SULFUR _____ BLACK Y

5 MINUTE SHUT-IN PRESSURE Bradenhead 0 Intermediate 231

REMARKS:

Bradenhead had no psi. Opened up intermediate and got fluid out of it. Left it open for about 5 seconds and flow never stopped. Shut in immediately to avoid spilling all over the ground. took sample of fluid for analysis.

Tested By trujied Witness No



Schematic - Current

ALLISON UNIT #10

District NORTH	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3004511325	County SAN JUAN	State/Province NEW MEXICO	
Original Spud Date 1/20/1956	Surface Legal Location E-020-032N-006W	East/West Distance (ft) 990.00	East/West Reference E	North/South Distance (ft) 1,750.00	North/South Reference N

Well Config: - Original Hole, 4/11/2011 12:55:50 PM

