Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 07 2013
Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No. **NM-01614**

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2.*

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. **Thompson #4**

2. Name of Operator **Burlington Resources Oil & Gas Company LP**

9. API Well No. **30-045-10285**

3a. Address **PO Box 4289, Farmington, NM 87499**

3b. Phone No. (include area code) **(505) 326-9700**

10. Field and Pool or Exploratory Area **Blanco Mesaverde**

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface UNIT L (NWSW) 1650' FSL & 990 FWL, Sec. 27, T31N, R12W

11. Country or Parish, State **San Juan , New Mexico**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. The Pre-Disturbance Site Visit was held on 11/1/13 w/Bob Switzer, BLM Representative. The Re-Vegetation Plan is attached. A Closed Loop System will be used.

OIL CONS. DIV DIST. 3
NOV 26 2013

Notify NMOCD 24 hrs prior to beginning operations

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Denise Journey Title **Regulatory Technician**

Signature Denise Journey Date **11/6/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Original Signed: Stephen Mason Title Date **NOV 22 2013**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCD

ConocoPhillips
THOMPSON 4
Expense - P&A

Lat 36° 52' 2.244" N **Long 108° 5' 27.456" W**

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

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. **If there is pressure on the BH, contact engineer.**

3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.

4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, and pump at least tubing capacity of water down tubing.

5. ND wellhead and NU BOPE. Pressure and function test BOP. Pressure test BOP and chart to 250 psi for the low pressure test and 1000 psi above SICP for the high pressure test. Do not exceed 2000 psi. PU and remove tubing hanger. PU additional tubing joints as needed and tag for fill. ***Note: Top of fish at 1865'.***

6. TOOH with 1-1/2" IJ tubing (per pertinent data sheet).

Tubing: Yes **Size:** 1-1/2" IJ **Set Depth:** 1837'

7. PU watermelon mill for 3-1/2" OD casing and round trip to top of fish at 1865'. Attempt to establish injection rate through fish and into formation perfs. Contact engineer with results and discuss plan forward.

8. RU wireline. RIH and set cement retainer for 3-1/2" casing at 1855' (10' above top of fish at 1865') on wireline. Load hole with fluid and run CBL from CR at 1855' to surface. Contact the engineer with results.

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 (Mesa verde and Pictured Cliffs Formation Top, 1855-5225', 304 Sacks Class B Cement)
TIH with tubing and stinger to 1850'. RIH with wireline and set plug in the bottom of the tubing. Pressure test the tubing to 1000 psi. Retreive plug set in tubing. Sting into CR at 1855'. Mix 304 sxs Class B cement and squeeze under cement retainer to isolate the Mesa Verde and Pictured Cliffs formation tops. TOOH.

10. Plug 2 (Fruitland Coal Formation Top, 1745-1845', 54 Sacks Class B Cement)
RIH with wireline and perforate 3 squeeze holes through the 3-1/2" OD and the 5-1/2" OD casing at 1845' (10' above CR at 1855'). Establish injection rate into squeeze holes. PU cement retainer for 3.5" OD casing and set at 1795' on wireline. TIH with tubing and stinger and sting into the cement retainer at 1795'. Mix 54 sxs Class B cement. Squeeze 47 sx into the squeeze holes and leave 7 sx in the casing to isolate the Fruitland Coal formation top. TOOH.

11. Plug 3 (Ojo Alamo and Kirland Formation Tops, 760-1005', 129 Sacks Class B Cement)
RIH with wireline and perforate 3 squeeze holes through the 3-1/2" OD and the 5-1/2" OD casing at 1005'. Establish injection rate into squeeze holes. PU cement retainer for 3.5" OD casing and set at 955' on wireline. TIH with tubing and stinger and sting into the cement retainer at 955'. Mix 129 sxs Class B cement. Squeeze 115 sx into the squeeze holes and leave 14 sx in the casing to isolate the Ojo Alamo and Kirtland formation tops. TOOH.

14. Plug 4 (Surface Plug, 0-240', 139 Sacks Class B Cement)
RIH with a 4 shots per foot, 90 degree phased perforating gun w/ big hole charges (if available) to 240' (10' above the 3-1/2" liner top at +/- 250') and perforate squeeze holes. TOOH and RD wireline. RU pump, close blind rams and establish circulation down 3-1/2" casing and out bradenhead and intermediate casing valves with water. Circulate until returns are clean. RU wireline and set a 3-1/2" cement retainer at 190'. TIH with tubing and sting into cement retainer. Cement inside / outside surface plug with 125 sx cement until good cement returns to surface out braden head and intermediate valves, shut braden head and intermediate casing valves and squeeze to max 200 psi. Sting out of retainer and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 190'. Pump inside plug with 14 sx cement. LD Tbg. WOC. Cut off wellhead and install P&A marker.

15. Rig down, move off location, cut off anchors, and restore location.

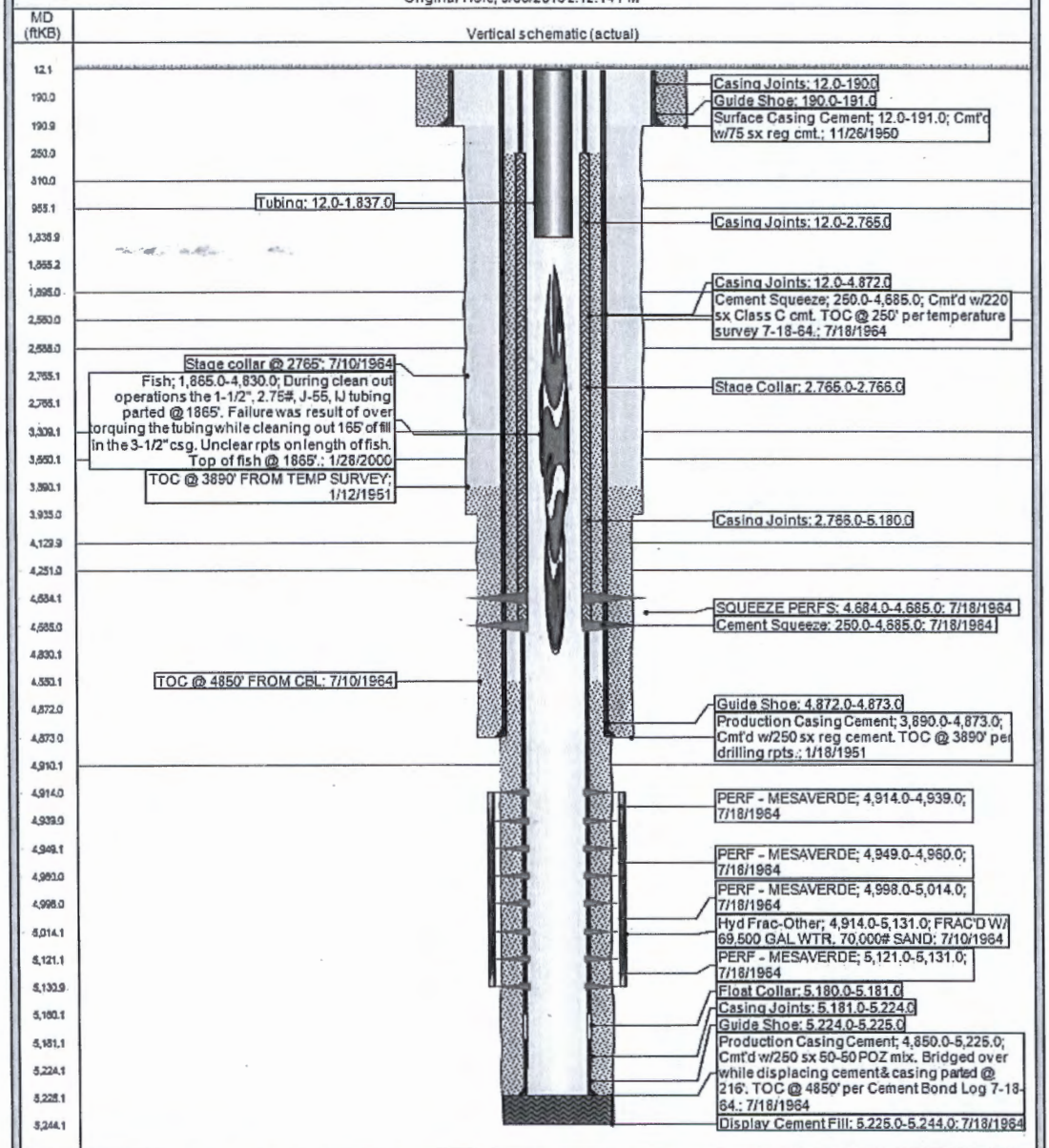
Current Schematic

ConocoPhillips
Well Name: THOMPSON #4

API / UWI	Surface Legal Location	Field Name	License No.	State Province	Well Configuration Type
3004510285	027-031N-012W-L	BLANCO MESAVERDE (PRORATED...		NEW MEXICO	

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	6,194.00	0.00	6,194.00	6,194.00

Original Hole, 9/30/2013 2:12:14 PM



Report Printed: 9/30/2013

Proposed Schematic

ConocoPhillips
Well Name: THOMPSON #4

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004510285	027-031N-012W-L	BLANCO MESAVERDE (PRORATED)		NEW MEXICO	

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	6,194.00	0.00	6,194.00	6,194.00

Original Hole, 1/1/2020 2:45:00 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)	Formation Tops
12.1		Cement Retainer; 190.0-191.0; SET CEMENT RETAINER @ 190'	
190.9			
250.0			
810.0			OJO ALAMO
956.0		Cement Retainer; 955.0-956.0; SET CEMENT RETAINER @ 955'	KIRTLAND
1,745.1			
1,794.9		Cement Retainer; 1,794.0-1,795.0; SET CEMENT RETAINER @ 1795'	
1,854.0		Cement Retainer; 1,854.0-1,855.0; SET CEMENT RETAINER @ 1855'	
1,865.2			
2,560.0		Stage collar @ 2765'	FRUITLAND PICTURED CLIFFS
2,755.1		Fish; 1,865.0-4,830.0; During clean out operations the 1-1/2", 2.75#, J-55, IJ tubing parted @ 1865'. Failure was result of over torquing the tubing while cleaning out 165' of fill in the 3-1/2" csg. Unclear rpts on length of fish. Top of fish @ 1865'.	LEWIS
3,309.1			HUERFANITO BENTO...
3,890.1		TOC @ 3890' FROM TEMP SURVEY	CHACRA
4,129.9			CLIFFHOUSE MENEFEE
4,684.1			
4,830.1		TOC @ 4850' FROM CBL	
4,872.0			
4,910.1			POINT LOOKOUT
4,939.0			
4,960.0			
5,014.1		Hyd Frac-Other; 7/10/1964; FRAC'D W/ 69,500 GAL WTR, 70,000# SAND	
5,130.9			
5,181.1			
5,225.1			

Report Printed: 10/1/2013