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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010Lease Serial No. **NM-09840**

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.

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

2. Name of Operator

Burlington Resources Oil & Gas Company LP

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No (include area code)

(505) 326-9700

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

8. Well Name and No.

McConnell 7

9. API Well No.

30-045-20769

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit C (NENW), 1040' FNL & 1650' FWL, Sec. 25, T26N, R9W

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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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.

**Notify NMOCD 24 hrs
prior to beginning
operations**

**RCVD SEP 27 '12
OIL CONS. DIV.
DIST. 3**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Dollie L. BusseTitle **Staff Regulatory Technician**

Signature

Date

9/24/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: **Stephen Mason**

Title

Date

SEP 25 2012

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

**ABANDONMENT PROCEDURE
McConnell #7 (PC)**

September 4, 2012

Basin Pictured Cliffs
1040' FNL & 1650' FWL, Section 25 -T 026N - R 009W, NMPM
San Juan County, New Mexico / API 3004520769
Lat 36° 27' 48.42" N / Long 107° 44' 37.212" W

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. Conduct a safety meeting for all personnel on location. Comply with all NMOCD, BLM, and Operator safety regulations. Install and test location rig anchors.
2. MI RU work over rig. Record casing, tubing and bradenhead pressures and record in Wellview. *During each stage the cement plugs are squeezed, monitor and record the bradenhead pressures for any increases. Should pressures rise, immediately notify the Production Engineer to evaluate.*
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. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing.
5. ND wellhead and NU BOP. Function and pressure test BOP. PU and remove tubing hanger.
6.

Rods:	No	Size	n/a	Length	n/a
Tubing:	No (removed 1999)	Size	n/a	Length	n/a
Packer:	No	Size	n/a	Type	n/a

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

7. **Plug #1 (Pictured Cliffs/Fruitland, 1588' - 1968', 13 Sacks Class B Cement)**
RIH and set 2-7/8" CR at 1968'. Pressure test the casing to 1000 psi.
 - a) Run a cement bond log (CBL) to verify cement integrity and confirm remaining plugs are set appropriately. Contact Production Engineer prior to continuing to ensure any changes to P&A design have been identified and approved.
 - b) Load casing with water and attempt to establish circulation. Mix 13-sx Class B cement and spot inside the casing above CR to isolate the Pictured Cliffs perforations, Pictured Cliffs and Fruitland formation tops. PUH.
8. **Plug #2 (Kirtland, 1278-1378', 10 Sacks Class B Cement)**
Mix 10-sx Class B cement and spot a balance plug inside the casing to isolate the Kirtland formation top. PUH
9. **Plug #3 (Ojo Alamo, 1090-1190', 40 Sacks Class B Cement)**
Perforate 3 HSC holes at 1190'. Set a cement retainer at 2-7/8" CR at 1140'. Establish injection rate into squeeze holes. Mix 40-sx Class B cement. Squeeze 35-sx cement into HSC holes and leave 5-sx cement inside casing to isolate the casing to isolate the Ojo Alamo formation top. POOH

10. **Plug #4 (Surface, 0-193', 77 Sacks Class B Cement):**

Perforate 3 HSC holes at 193'. Establish circulation in annulus. Mix and pump approximately 77-sx Class B cement and pump down production casing to circulate good cement out bradenhead. Shut-in the well and WOC.

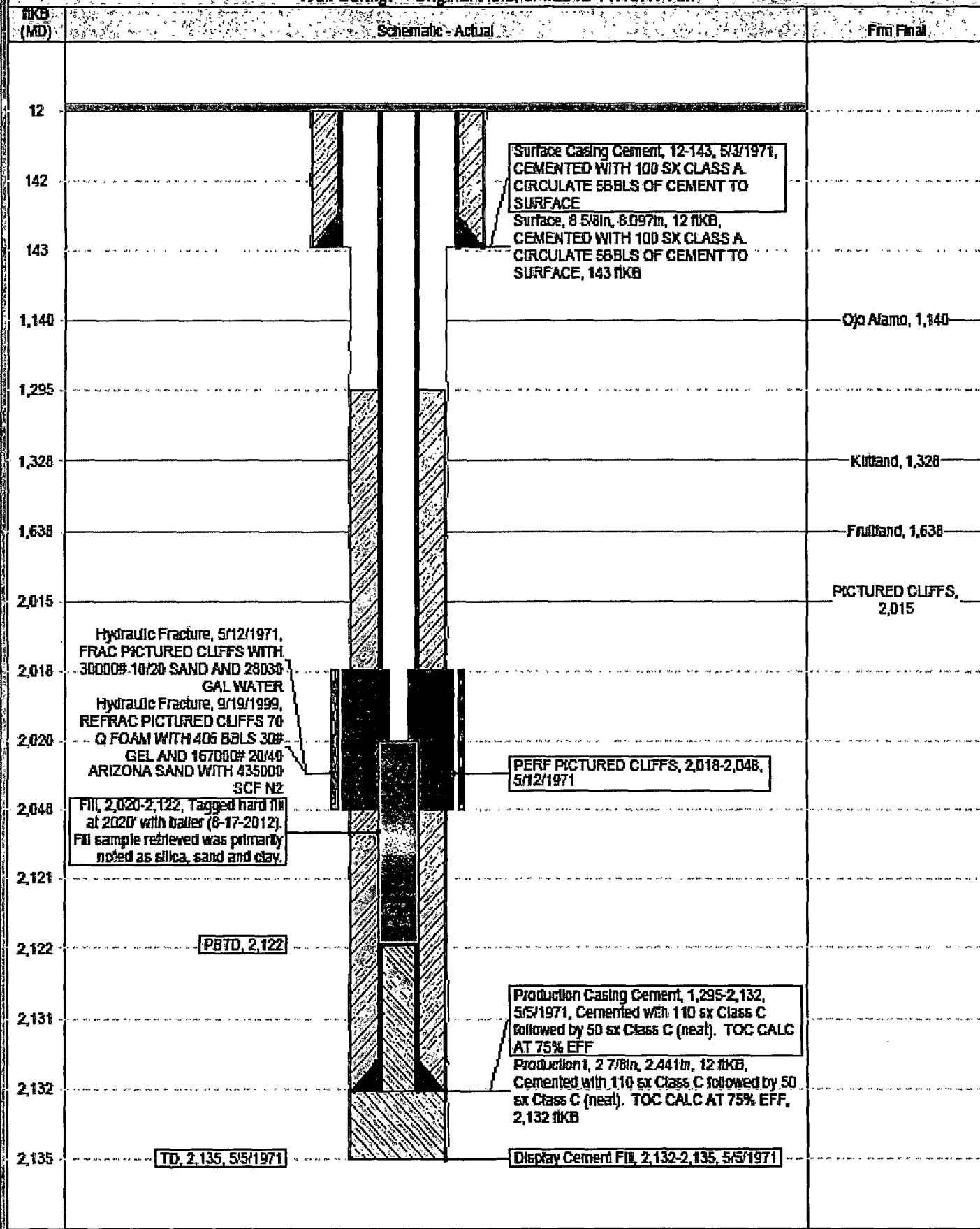
11. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors and restore location

Well Name: MCCOY NEIL #7

Current Schematic

API Ref No 3004520769	Surface Legal Location NMPM 025-026N-005W	Field Name SALLARD PICTURED CLIFFS (H)	License No.	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,397.00	Original KBWT Elevation (ft) 6,409.00	KB-Ground Distance (ft) 12.00	KB-Casing Plaza Distance (ft) 6,409.00	KB-Tying Hanger Distance (ft) 6,409.00	

Well Config: - Original Hole, 9/4/2012 11:15:17 AM



Proposed Schematic

ConocoPhillips

Well Name: MCCONNELL #7

API/UWI 3004520769	Surface Legal Location NMPM,025-026N-009W	Field Name WILLAMETTE CLIFFS (GASH)	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,397.00	Original KB/RT Elevation (ft) 6,409.00	KB-Grout Distance (ft) 12.00	KB-Casing Flange Distance (ft) 6,409.00	KB-Tubing Hanger Distance (ft) 6,409.00		

Well Config: Original Hole, 1/1/2020

ftKB (MD)	ftKB (TVD)	From Final	Schematic	Actual
12				
142				
143				
193				
1,090				
1,140		Ojo Alamo, 1,140		
1,141				
1,190				
1,278				
1,295				
1,328		Kirtland, 1,328		
1,378				
1,588				
1,638		Fruitland, 1,638		
1,968				
1,969				
2,015		PICTURED CLIFFS, 2,015		
2,018				
2,020				
2,048				
2,121				
2,122				
2,131				
2,132				
2,135				

Surface, 8 5/8in, 8.097in, 12 ftKB, CEMENTED WITH 100 SX CLASS A. CIRCULATE 5BBLs OF CEMENT TO SURFACE, 143 ftKB
SQUEEZE PERFS, 193, 1/1/2020

Surface Casing Cement, 12-143, 5/3/1971, CEMENTED WITH 100 SX CLASS A. CIRCULATE 5BBLs OF CEMENT TO SURFACE

Plug #4, 12-193, 1/1/2020
Plug #4, 12-193, 1/1/2020, Mix 77 sx Class B cement and pump down production casing to circulate good cement out bradenhead.

Cement Retainer, 1,140-1,141

Plug #3, 1,090-1,190, 1/1/2020
Plug #3, 1,090-1,190, 1/1/2020, Mix 40 sx Class B cement, squeeze 35 sx behind casing and leave 5 sx inside casing to isolate the Ojo Alamo formation top

SQUEEZE PERFS, 1,190, 1/1/2020

Plug #2, 1,278-1,378, 1/1/2020, Mix 10 sx Class B cement and spot a balance plug inside casing to isolate the Kirtland formation top.

Plug #1, 1,588-1,968, 1/1/2020, Mix 13 sx Class B cement and spot inside the casing above CR to isolate the Pictured Cliffs perforations, Pictured Cliffs and Fruitland formation tops.

Cement Retainer, 1,968-1,969

PERF PICTURED CLIFFS, 2,018-2,048, 5/12/1971
Fill, 2,020-2,122, Tagged hard fill at 2020' with bailer (8-17-2012). Fill sample retrieved was primarily noted as silica, sand and clay.

PBTD, 2,122

Production1, 2 7/8in, 2.441in, 12 ftKB, Cemented with 110 sx Class C followed by 50 sx Class C (neat). TOC CALC AT 75% EFF, 2,132 ftKB
TD, 2,135, 5/5/1971

Production Casing Cement, 1,295-2,132, 5/5/1971, Cemented with 110 sx Class C followed by 50 sx Class C (neat). TOC CALC AT 75% EFF
Display Cement Fill, 2,132-2,135, 5/5/1971