Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 25 2013
Farmington Field Office
Bureau of Land Management

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

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 [X] Gas Well [ ] Other	5. Lease Serial No. **SF-077107-A**
	6. If Indian, Allottee or Tribe Name
	7. If Unit of CA/Agreement, Name and/or No.
	8. Well Name and No. **Hancock B 9R**
2. Name of Operator **Burlington Resources Oil & Gas Company LP**	9. API Well No. **30-045-30928**
3a. Address **PO Box 4289, Farmington, NM 87499** / 3b. Phone No. (include area code) **(505) 326-9700**	10. Field and Pool or Exploratory Area **Basin FC / Aztec PC**
4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* **Surface Unit P (SESE), 980' FSL & 1145' FEL, Sec. 28, T28N, 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			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[X] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] 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 schematic.

RCVD FEB 1 '13
OIL CONS. DIV.
DIST. 3

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

Dollie L. Busse Title **Staff Regulatory Technician**

Signature Dollie L Busse Date 1/25/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason	Title	Date JAN 30 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

ABANDONMENT PROCEDURE
Hancock B 9R (FRC/PC)

January 16, 2013

Aztec Pictured Cliffs
980' FSL & 1145' FEL, Spot P, Section 28 -T 028N - R 009W
San Juan County, New Mexico / API 3004530928
Lat 36° 37' 41.916" N / Long 107° 47' 17.628" 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.

6. Lay down hollow rods.

****There are several tight spots that have been identified in the casing between 2915 – 2960'. They should be taken into consideration when removing tubing. These documented restrictions could cause problems when pulling hollow rods.****

7.

Rods:	Yes (hollow rods)	**Size**	1.315" – 1.669"	**Length**	3121'
Tubing:	No	**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.

8. **Plug #1 (Fruitland/PC, 2492-2846', 12 Sacks Class B Cement)**
RIH and set 2-7/8" CR at 2846'. Pressure test the tubing to 1000 psi. If possible, pressure test the casing to 1000 psi.

   a) Run a cement bond log (CBL) to verify cement integrity and confirm the defined plugs.
   b) Mix 12-sx Class B cement and spot inside the casing above CR to isolate the Fruitland and Pictured Cliffs perforations and formation tops. PUH.

2153 1911

9. **Plug #2 (Kirtland/Ojo Alamo, ~~1927-2157~~', 10 Sacks Class B Cement)**
   Mix 10-sx Class B cement and spot a balance plug inside the casing to isolate the Kirtland and Ojo Alamo formations. PUH.

10. **Plug #3 (Surface Casing Shoe, 0-274', 10 Sacks Class B Cement):**
    First attempt to pressure test the bradenhead annulus to 100 PSI; document the volume to load.
    a) If the bradenhead holds, then establish circulation out casing valve with water. Mix 10-sx Class B cement and spot a plug inside the casing from 274' to surface circulate good cement out casing valve. POOH. Shut-in the well.
    b) If the bradenhead does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 274' and the annulus from the squeeze holes to surface. Shut in the well.

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.

Current Schematic

ConocoPhillips

Well Name: HANCOCK B #9R

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004530928	NMPM,028-028N-009W	AZTEC PICTURED CLIFFS (GAS)		NEW MEXICO	Edit

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,847.00	6,859.00	12.00	6,859.00	6,859.00

Well Config: - Original Hole, 1/22/2013 3:11:39 PM

ftKB (MD)	Schematic - Actual	Frm Final
1	Hollow Polished Rod, 7.50" ID, 26' with 15' clr spry, 26.0ft	
12	Hollow Rod 1.049" ID (Hollow), 298.6ft	
27	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
149	Hollow Rod 1.049" ID (Hollow), 398.0ft	
223	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
224	Hollow Rod 1.049" ID (Hollow), 398.0ft	
232	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
326	Hollow Rod 1.049" ID (Hollow), 398.0ft	
326	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
724	Hollow Rod 1.049" ID (Hollow), 398.2ft	
725	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
1,123	Hollow Rod 1.049" ID (Hollow), 397.6ft	
1,123	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
1,521	Hollow Rod 1.049" ID (Hollow), 331.6ft	
1,522	Guided Hollow Rod 1.049" ID (Hollow), 66.3ft	
1,920	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
1,920	Guided Hollow Rod 1.049" ID (Hollow), 397.6ft	
1,940	Check Valve (Hollow) 1" NUE Thread top & btm, 0.5ft	
2,078	Guided Hollow Rod 1.049" ID (Hollow), 298.3ft	
2,252	PERF - FRUITLAND COAL, 2,896-2,972, 12/7/2011	
2,318	X-OVER 1"EUE x 1"NUE(Hollow)snkr bar to hollow rod, 0.5ft	
2,319	Sinker Bar (Hollow), 80.3ft	
2,542	PERF - PICTURED CLIFFS, 3,001-3,114, 3/29/2002	
2,716	Rod Insert Pump HVR (Hollow), 13.5ft	
2,717	Shear Coupling w/ 8 1/4"-28 pins@1720# ea (Hollow), 0.5ft	
2,896	Strainer Nipple Open Ended (Hollow), 4.9ft	
2,903	Insert Anchor 1.00" ID (Hollow) for 2-7/8", 2.9ft	
2,913	Gas Anchor/Dip Tube, 3.3ft	
2,972	PBTD, 3,231	
3,000	TD, 3,272, 3/8/2002	
3,001		
3,015		
3,016		
3,096		
3,110		
3,110		
3,114		
3,115		
3,118		
3,121		
3,231		
3,261		
3,262		
3,272		

Surface, 7in, 6.456in, 12 ftKB, RUN 7"" SAWTOOTH GUIDE SHOE & 5 JOINTS (212'), OF 7"", 20.0# J-55, ST&C CSG. SET @ 224'., 224 ftKB

Surface Casing Cement, 12-225, 3/6/2002, PRESSURE TEST CEMENT LINES TO 1000 PSI. START CEMENT W/ 70 SKS CLASS B (3% CACL + 1/4 PPS CELLOPHANE, 15.0 PPG, 1.18 CUFT/SK, 5.2 GPS, 83 CUFT, 10.5 BBL). PLUG DOWN @ 0600 HRS ON 3/5/2002, CIRC 8 BBLS CMT TO PIT. RD AES CEMENTERS.

Production Casing Cement, 12-3,262, 3/8/2002, PRESSURE TEST CMT LINES TO 3500 PSI. PUMP 10 BBL GEL WATER, 2 BBL FW W/ DYE FOLLOWED BY 384 SKS (920 CUFT, 164 BBL, 11.8 PPG, 2.40 YIELD, 12.8 MIX) OF PREMIUM LITE FM LEAD SLURRY W/ 3% CACL2, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.5% FL-52, 10% BENTONITE, 0.4% SMS & 4PPS PHENO SEAL, FOLLOWED BY 90 SKS (180 CUFT, 32 BBL, 12.5 PPG, 2.00 YIELD, 10.33 MIX) OF PREM. LITE HIGH STRENGH FM TAIL SLURRY W/ 1 CACL2, 0.3% FL-52 & 0.25 PPS CELLO FLAKE, & 4 PPS PHENO SEAL, BUMPED PLUG AT 22:30 HRS ON 3/8/2002 W/ 2380 PSI. PLUG HELD GOOD. CIRC 68 BBL CMT TO SURFACE. CEMENTED MOUSE AND RAT HOLES W/ CEMENT RETURNS. RD BJ SERVICES.

Production1, 2 7/8in, 2.441in, 12 ftKB, RAN 2 7/8"" CASING, LANDED W/ 103 JTS 2 7/8"" 6.5# J-55 CSG @ 3262', PB @ 3231', MARKER FROM 2902' TO 2913', RU BJ CEMENT HEAD., 3,262 ftKB

Display Cement Fill, 3,262-3,272, 3/9/2002

OJO ALAMO, 1,940

KIRTLAND, 2,078

FRUITLAND, 2,542

PICTURED CLIFFS, 3,000

Report Printed: 1/22/2013

Schematic

ConocoPhillips

Well Name: HANCOCK B #9R

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
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6,847.00	6,859.00	12.00	6,859.00	6,859.00

Well Config: - Original Hole, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
1		Surface Casing Cement, 12-225, 3/6/2002, PRESSURE TEST CEMENT LINES TO 1000 PSI. START CEMENT W/ 70 SKS CLASS B (3% CACL + 1/4 PPS CELLOPHANE, 15.0 PPG, 1.18 CUFT/SK, 5.2 GPS, 83 CUFT, 10.5 BBL). PLUG DOWN @ 0600 HRS ON 3/5/2002, CIRC 8 BBLS CMT TO PIT. RD AES CEMENTERS.
12		
27		
149		Surface, 7in, 6.456in, 12 ftKB, RUN 7"" SAWTOOTH GUIDE SHOE & 5 JOINTS (212') OF 7"", 20.0# J-55, ST&C CSG. SET @ 224'., 224 ftKB
223		
224		
232		
274		Plug #3, 12-274, 1/1/2020, Mix 10 sx Class B cement and spot a plug inside casing from 274' to surface, circulate good cement out casing valve.
326		
326		
724		
725		
1,123		
1,123		
1,521		
1,522		
1,920		
1,920		
1,927		
1,940	OJO ALAMO, 1,940	
2,078	KIRTLAND, 2,078	Plug #2, 1,927-2,157, 1/1/2020, Mix 10 sx Class B cement and spot a balanced plug inside casiang to isolate the Kritland and Ojo Alamo formations.
2,157		
2,252		
2,318		
2,319		
2,492		
2,542	FRUITLAND, 2,542	
2,716		
2,717		Plug #1, 2,492-2,846, 1/1/2020, Mix 12 sx Class B cement and spot inside casing above CR to isolate the Fruitland and Pictured Cliffs perforations and formation tops.
2,846		Cement Retainer, 2,846-2,847
2,847		
2,896		
2,903		
2,913		PERF - FRUITLAND COAL, 2,896-2,972, 12/7/2011
2,972		
3,000	PICTURED CLIFFS, 3,000	Production Casing Cement, 12-3,262, 3/8/2002, PRESSURE TEST CMT LINES TO 3500 PSI. PUMP 10 BBL GEL WATER, 2 BBL FW W/ DYE FOLLOWED BY 384 SKS (920 CUFT, 164 BBL, 11.8 PPG, 2.40 YIELD, 12.8 MIX) OF PREMIUM LITE FM LEAD SLURRY W/ 3% CACL2, 0.25 PPS CELLO FLAKE, 5 PPS LCM-1, 0.5% FL-52, 10% BENTONITE, 0.4% SMS & 4PPS PHENO SEAL, FOLLOWED BY 90 SKS (180 CUFT, 32 BBL, 12.5 PPG, 2.00 YIELD, 10.33 MIX) OF PREM. LITE HIGH STRENGH FM TAIL SLURRY W/ 1 CACL2, 0.3% FL-52 & 0.25 PPS CELLO FLAKE, & 4 PPS PHENO SEAL, BUMPED PLUG AT 22:30 HRS ON 3/8/2002 W/ 2380 PSI. PLUG HELD GOOD. CIRC 68 BBL CMT TO SURFACE. CEMENTED MOUSE AND RAT HOLES W/ CEMENT RETURNS. RD BJ SERVICES.
3,001		
3,015		
3,016		PERF - PICTURED CLIFFS, 3,001-3,114, 3/29/2002
3,096		
3,110		
3,110		
3,114		PBTD, 3,231
3,115		Production1, 2 7/8in, 2.441in, 12 ftKB, RAN 2 7/8"" CASING, LANDED W/ 103 JTS 2 7/8"" 6.5# J-55 CSG @ 3262', PB @ 3231', MARKER FROM 2902' TO 2913', RU BJ CEMENT HEAD., 3,262 ftKB
3,118		
3,121		
3,231		
3,261		
3,262		
3,272		TD, 3,272, 3/8/2002
		Display Cement Fill, 3,262-3,272, 3/9/2002

Report Printed: 1/22/2013

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 9R Hancock B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

a) Place the Kirtland/Ojo Alamo plug from 2153' - 1911'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.