# RECEIVED

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NOV 14 2011

Sundry Notices and Reports on Wells	 Bı	Farmington Field Office used to Land Management
1. Type of Well GAS	5. 6.	Lease Number SF-080376-A If Indian, All. or Tribe Name
2. Name of Operator	7.	Unit Agreement Name
BURLINGTON RESCURCES OIL & GAS COMPANY LP	- 8.	Well Name & Number
3. Address & Phone No. of Operator		Sheets 4
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. -	API Well No.
4. Location of Well, Footage, Sec., T, R, M Surface: Unit O (SWSE), 1100' FSL & 1530' FEL, Section 28, T31N, R9W, NMPM	10.	30-045-24297 Field and Pool Blanco PC / Basin DK
	11.	County and State San Juan, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, O'  Type of Submission  X Notice of Intent X Abandonment Recompletion Subsequent Report Plugging Casing Repair Final Abandonment Altering Casing Conversion to Injection	THER ——	DATA Other -
13. Describe Proposed or Completed Operations  Burlington Resources requests permission to P&A the subject well per the attachment and proposed schematic.  Notify NMOCI prior to beging the prior operation operation.	24 hrs	•
14. I hereby certify that the foregoing is true and correct.  Signed Dollie L. Busse Title Staff Regulatory	Techn	<u>ician</u> Date <u>//- 9 -//</u>
(This space for Federal or State Office use)  APPROVED BY Original Signed: Stephen Mason  CONDITION OF APPROVAL, if any:		Date NOV 1 6 2011
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		RCVD NOV 23'11
		OIL CONS. DIV.
NMOCD		DIST. S

# ConocoPhillips **SHEETS 4** Expense - P&A

Lat 36° 51' 53.532" N

Long 107° 46' 53.616" 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.

NOTE: The surface plug (Plug #8) will be large. Prepare as necessary.

- 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. 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, as necessary, and at least pump tubing capacity of water down tubing.
- 5. ND wellhead and NU BOPE. Function test BOP. PU and remove tubing hanger.
- 6. TOOH with tubing/rods (per pertinent data sheet). LD tubing bailer (if applicable).

Rods:	No	Size:		Length:	
Tubing:	Yes	Size:	2-3/8"	Length:	7566
Packer:	No	Size:		Depth:	

Round trip casing scraper through deepest perforation or as deep as possible.

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.

### 7. Plug 1 (Dakota Perforations, 7222-7322', 12 Sacks Class B Cement)

RIH and set a 4-1/2" cement retainer at 7322'. Load casing and circulate well clean. Pressure tubing to 1000 psi. Mix 12 sxs Class B cement and spot above the cement retainer to isolate the Dakota perforations. PUH.

(486 6586

#### 8. Plug 2 (Gallup Top, 6590-6690', 12 Sacks Class B Cement)

Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH.

#### 9. Plug 3 (Mancos Top, 5530-5630', 12 Sacks Class B Cement)

Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mancos top. PUH.

# 10. Plug 4 (Mesaverde Top, 4710-4810', 12 Sacks Class B Cement)

Mix 12 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.

11. Plug 5 (Intermediate Shoe and Top of Liner, 3192-3451', 35 Sacks Class B Cement)

Mix 35 sxs Class B cement and spot a balanced plug inside casing to cover the Interemdiate Shoe and Top of Liner. POOH.

#### 12 Plug 6 (Pictured Cliffs Perforations and Fruitland Top, 2624-2997', 80 Sacks Class B Cement)

RIH and set a 7" CIBP at 2997'. Load casing and circulate well clean. Pressure test casing to 500 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 80 sxs Class B cement and spot above the CIBP to isolate the Pictured Cliffs perforations and Fruitland top. POOH.

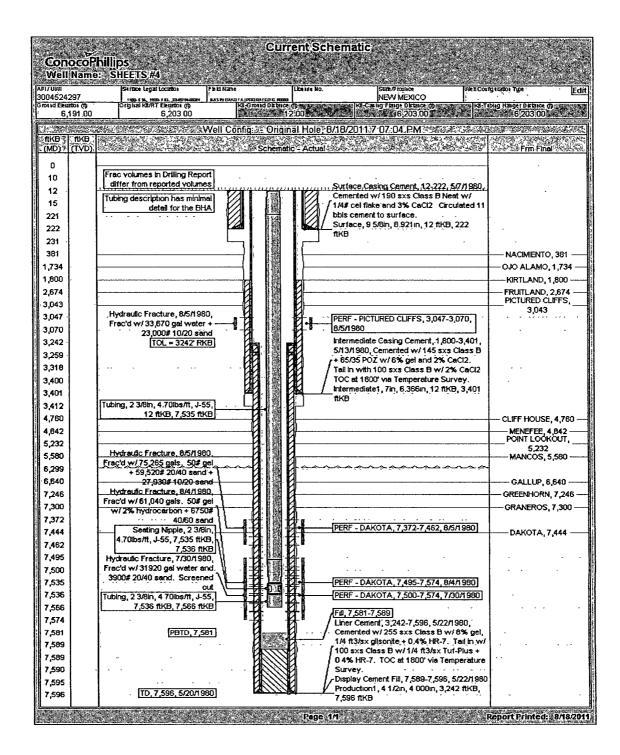
### 13. Plug 7 (Kirtland and Ojo Alamo Tops, 1684-1850', 71 Sacks Class B Cement)

Perforate 3 squeeze holes at 1795' (5' above TOC). RIH with 7" cement retainer and set at 1785'. Establish rate into the squeeze holes. Mix X sxs Class B cement. Squeeze 30 sxs cement outside the casing and leave 44 sxs in the casing to cover the Kirtland and Ojo Alamo tops. PUH.

#### 14. Plug 8 (Nacimento Top and Surface, 0-431', 182 Sacks Class B Cement)

Perforate 3 holes at 431'. Establish rate into the squeeze holes. Mix 182 sxs Class B cement. Squeeze 91 sxs outside the casing and leave 91 sxs in the casing to cover the Nacimiento top and form a surface plug from 431' to surface. Circulate good cement out the casing valve. TOOH and LD tubing. Shut in the well and WOC.

15. 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.



Proposed Schematic ConocoPhillips: Well Name: SHEETS #4 3004524297 NEW MEXICO Original PEART Elevation (1) 6.191.00 6 203 00 Well Config - Original Hole, 1/1/2020 B. Schemetic - Actual (MD): Ð Frec volumes in Orillina Report Surface Casing Cement, 12-222, 5/7/1980. differ from reported volumes Cemented w/ 190 sxs Class B Neat w/ 1/4# cel 12 Tubing description has minima flake and 3% CaCl2. Circulated 11 bbts ceme detail for the BHA 221 to surface Surface, 9,5/8in, 8,921in, 12 ftKB, Plug #8, 12-431, 1/1/2020] 231 Plug #8, 12-431, 1/1/2020, Mix 182 sxs Class B NACIMIENTO, 381 cement, sqz 91 sxs behind casing and leave 431 SQUEEZE PERFS, 431, 1/1/2020 91 sxs in the casing to cover the Nacimiento top to surface OJO ALAMO, 1,734 1,734 Plug #7, 1,684-1,800, 1/1/2020 Cement Retainer, 1,785-1,786 Plug #7, 1,684-1,850, 1/1/2020, Mix 71 sxs 1,786 SQUEEZE PERFS, 1,795, 1/1/2020 Class B cement, sgz 30 sxs behind casing an leave 41 sxs in the casing to cover the Kirtland 1,800 KIRTLAND, 1,800 and Ojo Alamo tops Plug #6, 2,624-2,997, 1/1/2020, Mix 80 sxs 2,624 FRUITLAND, 2,674 Class B cement and spot above the CIBP to 2.997 Bridge Plug - Permanent, isolate the Pictured Cliffs perforations and 2,997-2,998 PICTURED CLIFFS, Fruitland top. 3.043 3,043 PERF - PICTURED CLIFFS. Plug #5, 3,192-3,242, 1/1/2020 Intermediate Casing Cement, 1,800-3,401, 3,070 3,047-3,070, 8/5/1980 5/13/1980, Cemented w/ 145 sxs Class B + 3,242 TOL = 3242' RKB 65/35 POZ w/ 6% gel and 2% CaCl2. Tail in 3,259 with 100 sxs Class B w/ 2% CaCl2. TOC at 1800' via Temperature Survey 3,400 liftermediate1, 7m, 6,366m, 12 ftKB, Plug #5, 3,242-3,451, 1/1/2020, Mix 35 sxs 3,401 ftKB Class B cement and spot a balanced plug 3.412 inside casing to cover intermediate shoe and top of liner 4.710 Plug #4, 4,710-4,810, 1/1/2020, Mix 12 sxs CLIFF HOUSE, 4,760 4,810 Class B cement and spot a balanced plug MENEFEE, 4,842 inside casing to cover the Mesaverde top. 5,232 5.232 Plug #3, 5,530-5,630, 1/1/2020, Mix 12 sxs 5,580 MANCOS, 5,580 Class B cement and spot a balanced plug 6,299 inside casing to cover the Mancos top Plug #2, 6,590-6,690, 1/1/2020, Mix 12 sxs 6.640 GALLUP, 6,640 -Class B cement and spot a balanced plug . .. .... 7.222 inside casing to cover the Gallup top. OREENHORN, 7,246 - ORANEROS, 7,300 Plug #1, 7,222-7,322, 1/1/2020, Mix 12 sxs 7,300 Class B cement and spot above the cement Cement Retainer, 7,322-7,323 7,323 retainer to isolate the Dakota perforations. PERF - DAKOTA, 7,372-7,462, 7,444 DAKOTA, 7,444 -8/5/1980 7.495 PERF - DAKOTA, 7,495-7,574, 7.535 PERF - DAKOTA, 7,500-7,574, 7/30/1980 7.566 Liner Cement, 3,242-7,596, 5/22/1980, PBTD, 7,581 7,581 Fill, 7,581-7,589 Cemented w/ 255 sxs Class B w/ 8% gel, 1/4 #3/sx dilsonite + 0.4% HR-7. Tail in w/ 180 sxs 7,589 Production1, 4,1/2in, 4,000in, 3,242 Class B w/1/4 ff3/sx Tuf-Plus + 0 4% HR-7. flKB, 7,596 flKB TD, 7,596, 5/20/1980 TOC at 1800' via Temperature Survey 7,595 Display Cement Fill, 7,589-7,596, 5/22/1980 Page 4/1 Report Printed; 11/4/2011

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 4 Sheets

# **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) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Gallup plug from 6586' 6486'.
- b) Spot a cement plug from 3778' 3678' to cover the Chacra top.
- c) Bring the top of the Kirtland/Ojo Alamo plug to 1638'.

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.