

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

WELL API NO. 30-045-09148
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name Bruington 29
8. Well Number 1
9. OGRID Number 217817
10. Pool name or Wildcat Basin Dakota

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.)

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

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter **K** : **1450** feet from the **South** line and **1450** feet from the **West** line
Section **29** Township **30N** Range **11W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5800' GR

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 ☐

OTHER: ☒

SUBSEQUENT REPORT OF:

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

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.

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A closed loop system will be utilized for this P&A.

*move mesa Verde plug to 3700-3800'
extend PC/Fruitland plug up to 1590'*

Spud Date:

Rig Released Date:

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

SIGNATURE *Dollie L. Busse* TITLE Staff Regulatory Technician DATE 1/27/15

Type or print name Dollie L. Busse E-mail address: dollie.l.busse@conocophillips.com PHONE: 505-324-6104

For State Use Only

APPROVED BY: *[Signature]* TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 2/12/15
Conditions of Approval (if any): kc

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JAN 28 2015

NMOCD
DISTRICT III

51

ConocoPhillips
BRUINGTON 29 1
Expense - P&A

Lat 36° 46' 47.834" N

Long 108° 1' 3.05" W

PROCEDURE

This project requires 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. **Before RU, run WL remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.**

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **If there is pressure on the BH, contact the Wells Engineer.**

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual. PU and remove tubing hanger

5. Release 4-1/2" Halliburton R-4 packer with straight pickup and let packing element relax for 5 minutes.

Note: The packer was set in compression at 5513'.

6. TOO H with tubing (per pertinent data sheet).

Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 6561'

KB: 12'

7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 6536'.

8. PU 4-1/2" CR on tubing, and set at 6486'. Pressure test tubing to 1,000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.

9. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. *Adjust plugs as necessary for new TOC. Email log copy to Troy Salyers (BLM) at tsalyers@blm.gov and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

10. Plug 1 - Dakota and Graneros Formation Tops, 6325' - 6486', 17 Sacks Class B Cement

TIH with tubing to CR @ 6486. Mix 17 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota and Graneros formation tops. POOH.

11. Plug 2 - Gallup Formation Top, 5606' - 5706', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 5706'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 5656'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Gallup formation top. POOH.

12. Plug 3 - Mancos Formation Top, 4664' - 4764', 51 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 4764'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 4714'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mancos formation top. PUH.

13. Plug 4 - Mesaverde Formation Top, 3599' - 3699', 12 Sacks Class B Cement

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde formation top. POOH.

14. Plug 5 - Pictured Cliffs and Fruitland Formation Tops, 1705' - 2120', 197 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 2120'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 2070'. Mix 197 sx Class B cement. Squeeze 161 sx outside the casing, leaving 36 sx inside the casing to cover the Pictured Cliffs and Fruitland formation tops. POOH.

15. Plug 6 - Kirtland and Ojo Alamo Formation Tops, 602' - 818', 105 Sacks Class B Cement

RIH and perforate 3 squeeze holes at 818'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 768'. Mix 105 sx Class B cement. Squeeze 84 sx outside the casing, leaving 21 sx inside the casing to cover the Kirtland and Ojo Alamo formation tops. POOH.

16. Plug 7 - Surface Plug, 0' - 253', 96 Sacks Class B Cement

RU WL and perforate 4 big hole charge (if available) squeeze holes at 253'. TOOH and RD wireline. Observe well for 30 minutes per BLM regulations. RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. TIH with 4-1/2" CR and set at 203'. Mix 76 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 203'. Mix 20 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

17. 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.

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HAWOOD
DISTRICT III

ConocoPhillips

Well Name: BRUINGTON 29 #1

Current Schematic

API Well	Surface Legal Location	Field Name	License No.	State Province	Well Configuration Type
3004509148	029-030N-011W-K	DK		NEW MEXICO	Vertical
Ground Elevation (ft)	Original KB RT Elevation (ft)	CS Ground Distance (ft)	CS Casing Flange Distance (ft)	CS-Tubing Flange Distance (ft)	
5,800.00	5,812.00	12.00	5,812.00	5,812.00	

Vertical - Original Hole, 1/5/2015 2:56:04 PM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
1; Surface; 8 5/8 in; 8.097 in; 12.0 ftKB; Adjusted hole & csg depth for a 12' KB from a 10.40' KB; 203.6 ftKB	12.1	
	202.4	
	203.7	
Surface Casing Cement; 12.0-210.0; 1/3/1962; Cemented w/ 140 sx cement. Cement circulated to surface.	210.0	
	651.9	OJO ALAMO
	768.0	KIRTLAND
	1,475.1	FRUITLAND
	1,754.9	FRUITLAND COAL
	2,069.9	PICTURED CLIFFS
	2,230.0	LEWIS
	3,102.0	CHACRA
	3,246.1	
	3,648.9	UPPER CLIFF H.
	3,750.0	MASSIVE CLIFF
	3,827.1	MENEFEE
	3,866.8	
Production Casing Cement; 3,246.0-3,868.0; 1/16/1962; Cemented 2nd stage w/ 160 sx Diacel D cement. TOC @ 3246' w/ 75% eff.	3,868.1	
	3,868.4	
	4,384.8	POINT LOOKOUT
	4,713.9	MANCOS
	5,513.8	
	5,518.0	
	5,655.8	UPPER GALLUP
	6,003.0	
	6,190.0	
	6,297.9	GREENHORN
	6,375.0	GRANEROS
	6,430.1	TWO WELLS (DK)
	6,484.9	PAGUATE
	6,524.9	CUBERO
	6,536.1	
Dakota; 6,536.0-6,554.0; 1/26/1962	6,554.1	
	6,560.0	
	6,561.0	
	6,567.9	
Dakota; 6,568.0-6,618.0; 1/26/1962	6,618.1	
	6,646.0	
Dakota; 6,646.0-6,678.0; 1/26/1962	6,678.1	
	6,743.1	
PBTD; 6,743.0	6,745.7	
	6,747.4	
	6,772.0	
	6,773.0	
	6,779.9	
Auto cement plug; 6,743.0-6,780.0; 1/16/1962; Automatically created cement plug from the casing cement because it had a tagged depth.		
Production Casing Cement; 6,003.0-6,780.0; 1/16/1962; Cemented 1st stage w/ 150 sx cement plus 50 sx neat. TOC @ 6003' w/ 75% eff.		
2; Production; 4 1/2 in; 4.052 in; 12.0 ftKB; 6,773.0 ftKB		

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MMOCD
DISTRICT III

ConocoPhillips

Proposed Schematic
BRUINGTON 29 #1

District NORTH	Field Name DK	API / UWI 3004509148	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 1/2/1962	Surface Legal Location 029-030N-011W-K	East/West Distance (ft) 1,450.00	East/West Reference FWL	North/South Distance (ft) 1,450.00
				North/South Reference FSL

Vertical - Original Hole, 1/1/2020 10:00:00 PM

