

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO. 30-045-34375
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CULPEPPER MARTIN
8. Well Number 8S
9. OGRID Number 14538
10. Pool name or Wildcat BASIN FRUITLAND COAL

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator BURLINGTON RESOURCES OIL & GAS, LP
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289
4. Well Location Unit Letter: <u>O</u> ; <u>685'</u> feet from the <u>SOUTH</u> lined <u>1915'</u> line and <u>East</u> feet from line Section <u>19</u> Township <u>32N</u> Range <u>12W</u> NMPM <u>SAN JUAN</u> County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5854' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>		OTHER – <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>			

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources Oil & Gas, LP requests permission to plug and abandon the subject well per the attached procedure, current and proposed wellbore schematics. A closed loop system will be utilized for this P&A.

Notify NMOCD 24 hrs  
prior to beginning  
operations

OIL CONS. DIV DIST. 3

Spud Date:

Rig Release Date:

JUL 22 2015

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

SIGNATURE Patsy Clugston TITLE Staff Regulatory Technician DATE: 7/22/15

Type or print name Patsy Clugston E-mail address: Patsy.L.Clugston@conocophillips.com PHONE: 505-326-9518

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DATE 7/29/15  
Conditions of Approval (if any):

KC

4  
aw

**ConocoPhillips**  
**CULPEPPER MARTIN 8S**  
**Expense - P&A**

Lat 36° 57' 59.036" N

Long 108° 7' 59.7" 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. TOOH w/ rod string and LD (per pertinent data sheet).  
Size: 3/4" Set Depth: 2,199'

5. 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

6. TOOH with tubing (per pertinent data sheet).  
Tubing size: 2-3/8" 4.7# J-55 EUE Set Depth: 2,226' KB: 11'

7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 1,910'.

8. PU 4-1/2" CR on tubing, and set a 1,778'. 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](mailto:tsalyers@blm.gov) and Brandon Powell (NMOCD) at [brandon.powell@state.nm.us](mailto: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.**

**7. Plug 1 (Pictureed Cliffs, Fruitland Coal Formation tops, and Perforations, 1678-1778', 12 Sacks Class B Cement)**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs and Fruitland formation top. PUH.

**8. Plug 2 (Kirtland Formation top, Surface Plug , 0-193', 19 Sacks Class B Cement)**

Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 19 sx Class B cement and spot balanced plug inside casing from 193' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface, filling the casing and the BH annulus to surface. Shut well in and WOC.

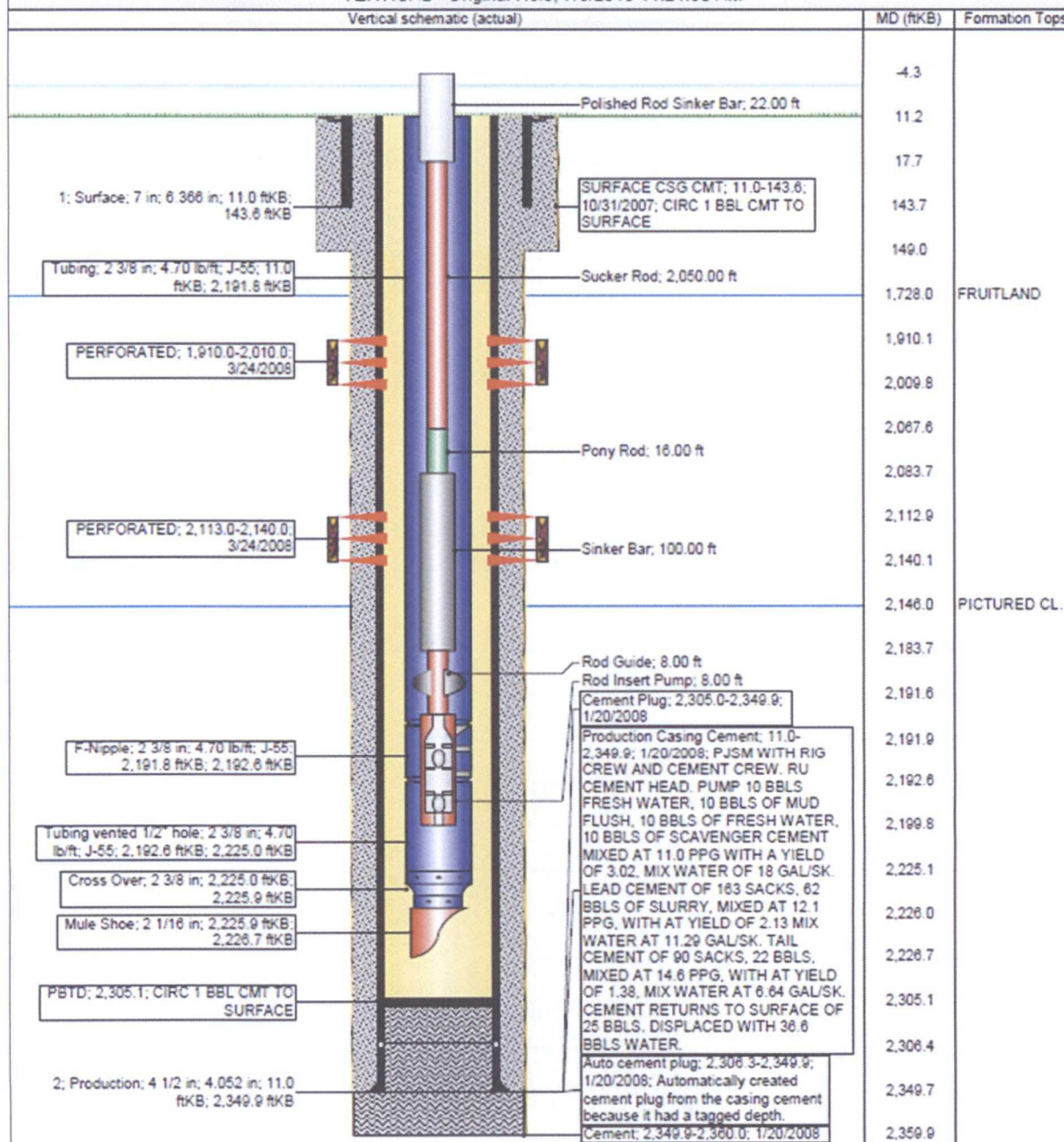
9. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.



# Schematic - Current CULPEPPER MARTIN #8S

District NORTH	Field Name BASIN FRUITLAND COAL	API UWI 3004534375	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 10/31/2007	Surface Legal Location SEC.19,TWN.032N,RNG. 012W	East/West Distance (ft) 1,915.00	East/West Reference FEL	North/South Distance (ft) 655.00
			North/South Reference FSL	

VERTICAL - Original Hole, 7/6/2015 11:24:50 AM



**Proposed Schematic**

API / UWI 3004534375	Surface Legal Location SEC 19 T4N R32N R1G 012W	Field Name BASIN FRUITLAND COAL	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 5,855.00	Original K&B RT Elevation (ft) 5,866.00	K&B Ground Distance (ft) 11.00	K&B Casing Flange Distance (ft)	K&B Tubing Hanger Distance (ft)	

**VERTICAL - Original Hole, 1/1/2020 3:30:00 PM**

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	11.2	
	11.8	
	142.7	
	143.7	
	149.0	
	192.9	
	1,522.6	
	1,538.4	
	1,678.1	
	1,728.0	FRUITLAND
<p>Plug #2: 11.0-193.0; Mix 19 sx Class B cement spot balanced plug inside casing from 193' to surface.</p> <p>Plug #1: 1,678.0-1,778.0; 1/1/2020; Mix 12 sx Class B cement spot balanced plug inside casing to cover Pictured Cliffs &amp; Fruitland formation top.</p> <p>PERFORATED; 1,910.0-2,010.0; 3/24/2008</p> <p>PERFORATED; 2,113.0-2,140.0; 3/24/2008</p> <p>Auto cement plug; 2,306.3-2,349.9; 1/20/2008; Automatically created cement plug from the casing cement because it had a tagged depth.</p> <p>Cement Plug; 2,305.0-2,349.9; 1/20/2008</p> <p>Production Casing Cement; 11.0-2,349.9; 1/20/2008; PJSM WITH RIG CREW AND CEMENT CREW. RU CEMENT HEAD, PUMP 10 BBLs FRESH WATER, 10 BBLs OF MUD FLUSH, 10 BBLs OF FRESH WATER, 10 BBLs OF SCAVENGER CEMENT MIXED AT 11.0 PPG WITH A YIELD OF 3.02, MIX WATER OF 18 GAL/SK. LEAD CEMENT OF 163 SACKS, 62 BBLs OF SLURRY, MIXED AT 12.1 PPG, WITH AT YIELD OF 2.13 MIX WATER AT 11.29 GAL/SK. TAIL CEMENT OF 90 SACKS, 22 BBLs, MIXED AT 14.6 PPG, WITH AT YIELD OF 1.38, MIX WATER AT 6.64 GAL/SK. CEMENT RETURNS TO SURFACE OF 25 BBLs. DISPLACED WITH 36.6 BBLs WATER.</p> <p>Cement; 2,349.9-2,360.0; 1/20/2008</p>	1,777.9	
Cement Retainer: 1,778.0-1,781.0	1,780.8	
	1,910.1	
	2,009.8	
	2,112.9	
	2,140.1	
	2,146.0	PICTURED CLIFFS
PBTD; 2,305.1; CIRC 1 BBL CMT TO SURFACE	2,305.1	
	2,306.1	
	2,306.4	
	2,306.8	
	2,349.4	
	2,349.7	
	2,359.9	