

Submit 3 Copies To Appropriate District  
Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Jun 19, 2008

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. <b>30-039-23802</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Burlington Resources Oil Gas Company LP</b>		6. State Oil & Gas Lease No. E-291-5
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289		7. Lease Name or Unit Agreement Name <b>Canyon Largo Unit</b>
4. Well Location Unit Letter <b>O</b> : <b>1170</b> feet from the <b>South</b> line and <b>1840</b> feet from the <b>East</b> line Section <b>36</b> Township <b>25N</b> Range <b>06W</b> NMPM <b>San Juan</b> County		8. Well Number <b>95E</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6761' GR		9. OGRID Number <b>14538</b>
		10. Pool name or Wildcat <b>Basin DK</b>

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.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A Closed Loop System will be utilized on this location.

\* Move Gallup plug upto 5750'-5850'  
\* Move plug #5 to 1990'-2670'  
\* Move plug #6 to 570-670'

Spud Date:

Rig Released Date:

RECEIVED

JAN 20 2015

NMOCD

DISTRICT III

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

SIGNATURE Denise Journey TITLE Staff Regulatory Technician DATE 1/19/2015

Type or print name Denise Journey E-mail address: Denise.Journey@conocophillips.com PHONE: 505-326-9556

For State Use Only

APPROVED BY: Branch Bell TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 1-22-15

Conditions of Approval (if any):

**ConocoPhillips**  
**CANYON LARGO UNIT 95E**  
**Expense - P&A**

Lat 36° 21' 9.792" N

Long 107° 24' 55.98" 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 COP safety and environmental regulations. Test rig anchors prior to moving in rig. **Before RU, run slickline to remove downhole equipment. If an obstruction is found and cannot be removed, 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 per COP Well Control Manual. PU and remove tubing hanger

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

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

**Set Depth:** 7029'

**KB:** 12'

6. PU 3-3/4" bit and watermelon mill and round trip as deep as possible above top perforation at 6908'.

7. PU 4-1/2" CR on tubing, and set a 6858'. 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.

8. 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 Wells Engineer, 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.**

**9. Plug 1 (Perforations, Dakota and Graneros formation tops, 6758-6858', 12 sacks Class B cement)**

Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the perforations, Dakota and Graneros tops. PUH.

**10. Plug 2 (Gallup formation top, 5863-5983', 34 sacks Class B cement)**

Part 1: Mix 5 sx Class B cement and spot a balanced plug inside the casing from 5918-5983'. POOH.

Part 2: RIH and perforate 3 squeeze holes at 5913'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 5863'. Mix 30 sx Class B cement. Squeeze 20 sx outside the casing, leaving 9 sx inside the casing to cover the Gallup top. PUH.

**11. Plug 3 (Mancos formation top, 5200-5300', 12 sacks Class B cement)**

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

**12. Plug 4 (Mesaverde formation top, 4123-4223', 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. PUH.

**13. Plug 5 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo formation tops, 2125-2653', 44 sacks Class B cement)**

Mix 44 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops. POOH.

**14. Plug 6 (Nacimiento formation top, 1136-1236', 65 sacks Class B cement)**

RIH and perforate 3 squeeze holes at 1236'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 1186X'. Mix 65 sx Class B cement. Squeeze 53 sx outside the casing, leaving 12 sx inside the casing to cover the Nacimiento top. POOH.

*Procedure continued on next page*

**ConocoPhillips**  
**CANYON LARGO UNIT 95E**  
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**PROCEDURE (continued)**

**15. Plug 7 (Surface plug, 0-275', 130 sacks Class B cement)**

RU WL and perforate 4 big hole charge (if available) squeeze holes at 275'. TOO H 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 225'. Mix 109 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. TOO H and LD stinger. TIH with open ended tubing to 220'. Mix 21 sx Class B cement and pump inside plug. TOO H and LD Tubing. SI well and WOC.

16. 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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JAN 20 2015

NMOCD  
DISTRICT III

ConocoPhillips

Schematic - Current  
CANYON LARGO UNIT #95E

District CENTRAL	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3003923802	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 12/5/1985	Surface Legal Location 036-025N-006W-O	East/West Distance (ft) 1,840.00	East/West Reference FEL	North/South Distance (ft) 1,170.00
				North/South Reference FSL

Original Hole, 12/5/2014 9:52:49 AM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
12.1	Casing; Surface; 9 5/8 in; 32.30 lb/ft; H-40; 12.0 ftKB; 224.5 ftKB	
224.4	Surface Casing Cement; 12.0-235.0; 12/5/1985	
1,186.0	TOC @ 2000' (TS)	NACIMIENTO
2,174.9		OJO ALAMO
2,352.0		KIRTLAND
2,603.0		FRUITLAND
2,891.4	Production Casing Cement; 2,000.0-2,894.6; 12/18/1985	FRUITLAND COAL
2,980.0		PICTURED CLIFFS
4,127.0	TOC @ 4127' (75% Volume Calculation)	LEWIS
4,246.1		HUERFANITO BENTO...
5,007.9		CHACRA
5,414.7	Production Casing Cement; 4,127.0-5,418.1; 12/18/1985	CLIFF HOUSE
5,418.3	TOC @ 5918' (75% Volume Calculation)	MENEFFEE
5,933.1		POINT LOOKOUT
6,755.6		MANCOS
6,790.0		
6,897.0		GALLUP
6,939.0		
6,998.0	PERF - DAKOTA; 6,908.0-7,042.0; 1/12/1985	GREENHORN
7,028.5	Pump Seating Nipple; 2 3/8 in; 6,997.9 ftKB; 6,998.6 ftKB	GRANEROS
7,042.0	Tubing; 2 3/8 in; 4,70 lb/ft; J-55; 6,998.6 ftKB; 7,028.7 ftKB	TWO WELLS
7,080.1	Expendable Check; 2 3/8 in; 7,028.7 ftKB; 7,029.4 ftKB	PAGUATE
7,184.1		CUBERO
7,192.9	PBTD; 7,193.0	
7,193.9	Casing; Production; 4 1/2 in; 10.50 lb/ft; J-55, K-55; 12.1 ftKB; 7,200.0 ftKB	OAK CANYON
7,200.1	Auto cement plug; 7,193.0-7,200.0; 12/18/1985	ENCINAL CANYON
	Production Casing Cement; 5,918.0-7,200.0; 12/18/1985	BURRO CANYON
	Clean Out; 7,184.0-7,193.0; Clean Out to 7184'	MORRISON

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DISTRICT III

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Proposed\_Schematic  
CANYON LARGO UNIT #95E

District CENTRAL	Field Name BASIN DAKOTA (PRORATED GAS)	API / UWI 3003923802	County RIO ARRIBA	State/Province NEW MEXICO
Original Spud Date 12/5/1985	Surface Legal Location 036-025N-006W-O	East/West Distance (ft) 1,840.00	East/West Reference FEL	North/South Distance (ft) 1,170.00
				North/South Reference FSL

Original Hole, 1/1/2020 7:00:00 PM

