

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

WELL API NO. 30-045-33120
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name Culpepper Martin
8. Well Number 8B
9. OGRID Number 14538
10. Pool name or Wildcat Blanco MV / Basin DK

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

Burlington Resources Oil Gas Company LP

3. Address of Operator

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter **O** : **670** feet from the **South** line and **1965** feet from the **East** line
Section **19** Township **32N** Range **12W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5855' 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.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

RCVD AUG 7 '12
OIL CONS. DIV.
DIST. 3

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 8/7/12

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:

Bel Rull

TITLE

Deputy Oil & Gas Inspector,
District #3

DATE

8/13/12

Conditions of Approval (if any):

AV

ConocoPhillips
CULPEPPER MARTIN 8B
Expense - P&A

Lat 36° 57' 58.5" N

Long 108° 8' 0.348" W

PROCEDURE

Note: Plugs subject to change per CBL.

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. 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 and pressure test BOP. PU and remove tubing hanger.
6. TOOH with tubing.

Tubing:	Yes	Size:	2-3/8"	Length:	2,052'
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7. RU free-point and cut production casing at 2070'. POOH and LD cut 4 1/2" production casing. If casing does not cut low or won't POOH, call Rig Superintendent and Production Engineer for plan forward.

8. Run 7" casing scraper to 2050'. If unable to reach this depth, contact Rig Superintendent and Production Engineer for plan forward. POOH.

9. PU Composite Retainer for 7", 20#, J-55 casing and RIH set at 2040'. Load 7" casing, pressure test tubing to 1000 psi, pressure test casing to 800 psi and hold at 500 psi during CBL. Run a CBL to confirm good cement behind 7" casing from top of CR (2040') to surface. Contact engineer with new TOC. POOH.

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.

10. Plug 1 (DK Perfs, MV perfs, PC, and Chacra formation tops, 1940-6977', 796 Sacks Class B Cement)

Sting into composite retainer. Establish an injection rate. Pump 100% capacity + 100%, up to 767 sx Class B cement or until pump locks up. Leave 29 sx Class B cement above the composite retainer. PUH.

Note: If volumes are significantly less, contact Rig Superintendent and Production Engineer for plan forward.

11. Plug 2 (Fruitland formation top, 1363-1463', 29 Sacks Class B Cement)

Mix 29 sx Class B cement and spot a balanced cement plug inside casing to isolate the Fruitland formation top. POOH.

12. Plug 3 (Kirtland, Ojo Alamo formation tops and Surface Plug, 0-555', 117 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 circulate clean out the casing valve with water. Mix 117 sx Class B cement and spot a balanced cement plug inside casing from 555' to surface. Circulate good cement out casing valve. TOH and LD tubing. Shut in 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 7" casing and the BH annulus to surface. Shut well in and WOC.

13. 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: CULPEPPER/MARTIN#8B

API/Well	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004533120	019-032N-012W	BASIN (UNCLASIFIED)		NEW MEXICO	VERTICAL	
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Elevation (ft)	KB-Casing/Flange Elevation (ft)	KB-Tubing Hanger Elevation (ft)		
5,866.00	5,881.00	15.00				

Well Config: VERTICAL - Original Hole, 7/11/2012 1:04:52 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15			
16			
274			
275		Surface, 9,561h, 9,001h, 15 ft, 275 ft	
285		Surface Casing Cement, 15-275, 11/8/2005, Cement with 198 lbs. Circulated 16 bbls to surface.	
368			OJO ALAMO, 368
505			KIRTLAND, 505
1,413		Tubing, 2.36in, 4.70bbl, J-55, 15 ft, 1,999 ft	FRUITLAND, 1,413
1,999		Tubing Pipe Joint, 2.36in, 4.70bbl, J-55, 1,999 ft, 1,991 ft	
1,991		Tubing, 2.36in, 4.70bbl, J-55, 1,991 ft, 2,052 ft	
2,052		Collar, 2.36in, 2.052 ft, 2,053 ft	
2,053		Tubing, 2.36in, 4.70bbl, J-55, 2,137 ft, 6,852 ft	
2,137		Hydraulic Frac-Offert, 12/15/2005, FRAC THE POINT LOOKOUT ZONES: (4,384-4,874)	
2,151			PICTURED CLIFFS, 2,151
2,370		START ACID STAGE AS FOLLOWS: PUMP 420 GALS OF 15% HCL ACID @ 6.1 B/L @ 1 PSI FRAC THE POINT LOOKOUT ZONE WITH 60 Q SLICKFOAM @ 50 TO 64.5 BPH WITH 102.500 LBS OF 20/40 OTTAWA SAND. RAN FRICTION REDUCER AT 10 TO 15 GAL/1000 GALLONS SURFACTANT AT 1 GAL/1000 GALLON. FOAMER AT 30 GAL/1000 GALLONS. TOTAL H2 FOR JOB: 970,700 SCF. PUMPED 67 BBL FLUID FLUSH.	LEWIS, 2,370
3,332		AVERAGE RATE: 53 B/M. AVERAGE PRESSURE: 2,200 PSI. MAX PRESSURE: 2,885 PSI. MAX SAND CONCENTRATION: 1.5 PSA. ISIP: 1,020 PSI. MIN. PSI. FRAC GRADIENT: .470 PSWFT. FLUID TO RECOVER (BREAKDOWN, ACID, AND FRAC: 1,157 BBL):	CHACRA, 3,332
3,716			UPPER CLIFFHOUSE, 3,716
3,810			MASSIVE CLIFFHOUSE, 3,810
3,853			
4,063			MENELEE, 4,063
4,190			
4,191			
4,229		Intermediate, 7h, 6,456h, 15 ft, 4,230 ft	
4,230		Surface Cement, 15-4,230, 11/13/2005, LEAD 201 BBL @ 12.1 PPG, 500 SHS, TAIL 22 BBL @ 15.6 PPG, 50 SHS, 500 BBL BACK TO SURFACE	
4,240			
4,240			
4,384			POINT LOOKOUT, 4,384
4,570		Perforated, 4,384-4,874, 12/15/2005	
4,874			
4,880			MANCOS, 4,880
5,945		TEST LINES TO 5,000 PSI SET PUMP HO @ 1.20 PSI STROKE 60W/1000 PSI PUMPED ZONE AT 1 B/L AT 500 PSI PUMPED MAX RATE 11 B/L @ 1 PSI. PUMPED 39 BBL HCL.	UPPER GALLUP, 5,945
6,680			GREENHORN, 6,680
6,737			GRANEROS, 6,737
6,789			TWO WELLS, 6,789
6,796			
6,852			
6,852			
6,854			
6,884			
6,885			
6,886			
6,930			
6,976			
6,977			
6,978			
6,982			

Proposed Schematic

ConocoPhillips

Well Name: GULPEPPER MARTIN #8B

API/UT	Surface Legal Location	Well Name	License No.	State/Province	Well Configuration Type	EDR
3004533120	019-032N-012W			NEW MEXICO	VERTICAL	
Ground Elevation (ft)	Original FRT Elevation (ft)	IB-Ground Elevation (ft)	IB-Casing Floor Elevation (ft)	IB-Tail-Inch Elevation (ft)		
5,866.00	5,881.00	15100				

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

