

Submit 3 Copies To Appropriate District  
Office  
District I

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Jun 19, 2008

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

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

WELL API NO. <b>30-045-29936</b>
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 <b>Vasaly SWD</b>
8. Well Number <b>2</b>
9. OGRID Number <b>14538</b>
10. Pool name or Wildcat <b>Alkali Gulch, Akah, &amp; Ismay</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6278' GR</b>

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 **B** : **1200** feet from the **North** line and **2390** feet from the **East** line  
Section **22** Township **30N** Range **11W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6278' 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER:

*Tbg Repair* ☒

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 perform a tubing repair on the subject well per th attached procedure and current wellbore schematic.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD MAR 22 '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 *Crystal Tafoya* TITLE Staff Regulatory Technician DATE 3/21/12

Type or print name Crystal Tafoya E-mail address: crystal.tafoya@conocophillips.com PHONE: 505-326-9837

**For State Use Only**

APPROVED BY: *[Signature]* TITLE Deputy Oil & Gas Inspector,  
District #3 DATE 3/31/12  
Conditions of Approval (if any): A/

**ConocoPhillips**  
**VASALY COM 2 SWD**  
**Expense - Repair Tubing**

Lat 36° 48' 6.408" N

Long 107° 58' 37.2" N

**PROCEDURE**

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. RU slickline unit and set blanking plug in 2.635" XN profile nipple at 7459'. Bleed pressure off of tubing and casing.
3. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU relief line to casing valve. ND wellhead NU BOP.
4. Pick up on 4-1/2" tubing and remove donut. Seal assembly is a floating type. Circulate packer fluid out of the well with 10.6 ppg CaCl. TOOH and LD tubing (details below).

Number	Description
1	4-1/2" 11.60# J-55 IPC pup joint
183	4-1/2" 10.50# J-55 IPC tubing joints
1	3.125" ID "X" profile nipple
1	4-1/2" x 3-1/2" X-over
1	Straight slot locator
1	MSN seal assembly

Visually inspect tubing and record findings in Wellview. Make note of paraffin, corrosion or scale. If scale or paraffin is present, contact engineer and obtain a sample to give to the engineer.

5. PU and TIH with a mill and packer plucker, 3-1/2" drill collars and 2-7/8" AOH workstring to 7430'. Establish circulation with 10.6 ppg CaCl fluid. Mill upper slips on OTIS BWB packer @ 7434'. TOOH with workstring and packer assembly (details below).

Number	Description
1	OTIS BWB permanent packer
1	X-over to 3-1/2" EUE
1	3-1/2" EUE IPC pup joint (6')
1	"X" profile nipple (2.813" ID)
1	3-1/2" EUE IPC pup joint (8')
1	"XN" profile nipple (2.750" ID)
1	3-1/2" wireline re-entry guide

6. TIH with 6-1/4" mill, string mill and workstring. CO to PBTD @ 7908'. TOOH when returns are clean.
7. RU wireline unit and run GR/CCL/Casing Inspection Log from 7524' to surface to determine packer setting depth and condition of the casing. RD wireline.
8. Make up retrievable packer and TIH with workstring. Circulate 45 bbls. of injection water to displace the CaCl from the tubing. Set packer above the Bluff perforations @ ~7500'. Pressure test the annulus to 600 psig.

**SAFETY NOTE:** The next series of steps will involve operations with a radioactive material, Iodine-131. A JSA specific to these operations will need to be prepared and the information disseminated to all personnel on location prior to the commencement of operations. Non-essential personnel will be required to vacate the immediate area where the downhole logging tools are being prepared. During flowback operations, COP safety reps. will monitor the flowback fluids for radioactivity with the appropriate radiation counters.

9. RU Production Logging Services. Establish injection rate with injection water at normal injection rates. The last injection rate was 385 bpd at 1500 psig. The maximum permitted injection pressure is 1600 psig.

10. GIH with temperature, CCL, flowmeter and tracer logging tools. Run temperature survey from above packer to PBTD @ 7908'. Run flowmeter across injection interval. Run RA tracer profile across injection interval. Repeat surveys as required. Note: Injection rate must be held at a constant rate to assure quality results. POOH with logging tools and RD.

11. Treat the Bluff/Entrada zones per the treatment schedule designed by engineering. NOTE: Results of the logging surveys will be used to design the formation treatment. A xylene/acid treatment will most likely be pumped, but the quantities and method of application will have to be determined. The chemicals may be bullheaded from surface to treat the entire zone or an isolation tool may be used to selectively treat certain zones. Re-perforating is also an option that will be under consideration.

12. Prior to pulling the tools that were used for the stimulation work, circulate CaCl water to kill the well. POOH and LD workstring.

13. TIH with packer assembly on 3-1/2" tubing (details below). Packer must be set within 100' of the top perforation to comply with regulations.

Number	Description
1	3-1/2" wireline re-entry guide
1	3-1/2" (2.310" ID) R-nipple
1	3-1/2" 9.30# L-80 IPC pup joint (6')
1	Baker Model M "Hornet" internally plated retrievable packer
1	3-1/2" 9.3# L-80 IPC tubing joint
1	3-1/2" (2.560" ID) F-nipple
~236*	3-1/2" 9.3# J-55 IPC tubing joints
As required	3-1/2" 9.3# J-55 IPC pup joints for spacing

\* Note: Run 1 full joint below donut - use pups below this full joint to space out.

14. Prior to setting the packer, mix 110 gallons of Champion Cortron R-2264 packer fluid with 198 barrels 2% KCl and circulate into the casing/tubing annulus.

15. Set packer and land tubing with the appropriate weight as predetermined utilizing Baker's packer setting program.

16. Conduct a mechanical integrity test on the casing/tubing annulus. Test casing to 560 psig for 30 min and record on a 2 hour chart. Notify NMOCD/BLM 24 hours before conducting MIT. Record all test results in WellView.

17. ND BOP, NU wellhead. RD and move off location. Notify SWD supervisor and production engineer when the well is ready to be returned to normal injection operations.

**ConocoPhillips**

APERTURE	Surface Legal Location	Field Name	License No.	State/Province	Roll Configuration Type	Edit
3004529836	022-030N-011W-B	MULTICUT		NEW MEXICO		
Ground Elevation (ft)	Original RMR Elevation (ft)	Rd-Ground Distance (ft)	Rd-Cutting Edge Distance (ft)	Rd-Turning Range Distance (ft)		
5,856.00	5,856.00	0.00	5,856.00	5,856.00		

ftKB (MD)	Schematic - Actual		Frm Final
0			
10	Tubing Hanger, 6.276in, 10.50lbs/ft, J-55, 0 ftKB, 6		
195	ftKB		
342	Tubing Pup Joint, 4 1/2in, 10.50lbs/ft, J-55, 6 ftKB, 10		
390	ftKB	Surface, 13-3/8in, 12.259in, 0 ftKB, 391	
910		ftKB	Oil Alarm, 910 Vothland, 1,010 Enfield, 2,001 Pictorial, 2,271 Lewis, 2,418
2,001	Tubing, 4 1/2in, 10.50lbs/ft, J-55, 10 ftKB, 7,421 ftKB		
2,418			
3,824	X-Nipple, 5 3/16in, 10.50lbs/ft, J-55, 7,421 ftKB, 7,423 ftKB		
4,000			
4,588	EU Adaptor, 5 3/16in, 10.50lbs/ft, J-55, 7,423 ftKB,		
6,938	7,424 ftKB		Cliff House, 4,000 Mannan, 4,195 Point Lookout, 4,698 Kane, 4,726 Gallup, 5,938
6,463	Straight Slot Locator, 4.470in, 10.50lbs/ft, J-55, 7,424 ftKB,	Production, 7in, 6.276in, 0 ftKB, 6,508	
6,507	7,425 ftKB	ftKB	
6,628	MSN Seal Assembly, 3.960in, 10.50lbs/ft, J-55, 7,425 ftKB,		
6,884	7,434 ftKB	Squeeze Hole, 6,684, 8/14/2001 Intermediate, 9 5/8in, 8.681in, 0 ftKB, Pipe tally shows set depth @ 6999.6' but hole was only drilled to 6994'; 6,994 ftKB	Granham, 6,672 Graname, 6,672 Dakota, 6,682
6,904			
6,983	Seal Bore Extension, 6in, 10.50lbs/ft, J-55, 7,434 ftKB,	Morris, 7,018-7,028, 8/20/2001	Morrison, 6,925
6,994	7,442 ftKB	Squeeze Hole, 7,150, 8/14/2001	
7,028			
7,421	Cross Over, 6 11/16in, 10.50lbs/ft, J-55, 7,442 ftKB,		
7,424	7,442 ftKB	Production Packer, 7,430-7,435	
7,427			
7,434	Tubing Pup Joint, 3 1/2in, 10.50lbs/ft, J-55, 7,442 ftKB,		
7,442	7,448 ftKB	Squeeze Hole, 7,454, 1/15/2007 Bluff, 7,524-7,650, 2/3/2007 Entrada, 7,784-7,868, 1/30/2007	Bluff, 7,520
7,448			
7,454	Profile Nipple, 3 3/4in, 10.50lbs/ft, J-55, 7,448 ftKB,	Fill, 7,868-7,908, 01/07/09: Tagged fill @ 7868' during Flowback procedure.	
7,459	7,450 ftKB	Cement Retainer, 7,908-7,913	
7,520		Squeeze Holes, 7,970, 1/15/2007	
7,650	Tubing Pup Joint, 3 1/2in, 10.50lbs/ft, J-55, 7,450 ftKB,	Cast Iron Bridge Plug, 8,950-8,955	
7,836	7,458 ftKB	Fish, 9,200-9,201, Junk Basket left in hole.	
7,908			
7,970	Profile Nipple, 3 3/4in, 10.50lbs/ft, J-55, 7,458 ftKB,		
8,955	7,459 ftKB	Cast Iron Bridge Plug, 11,800-11,805	
9,201	W/L Re-Entry Guide, 5in, 10.50lbs/ft, J-55, 7,459 ftKB,	Ismay, 11,844-11,883, 3/29/2000	
11,473	7,460 ftKB		
11,740			
11,805	PBTD, 7,908, New PBTD Cement Retainer	Cast Iron Bridge Plug, 12,090-12,095	
11,883		Akah, 12,136-12,217, 3/26/2000	
12,090			
12,136		Cast Iron Bridge Plug, 12,500-12,505	
12,440		Alkali Gulch, 12,685-12,699, 3/16/2000	
12,505			
12,699			
12,990			
13,037			
13,083		Line, 7in, 6.276in, 6,498 ftKB, 13,085	
13,086		ftKB	
13,100	TD, 13,285, 1/1/2000	Fish, 13,092-13,100, Left part of bit in hole	