

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. 30-045-35126
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-10644-84
7. Lease Name or Unit Agreement Name Mar Vista SWD
8. Well Number 1
9. OGRID Number 14538
10. Pool name or Wildcat SWD / Mesaverde

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 **N** : **290** feet from the **South** line and **2490** feet from the **West** line

Section **2** Township **29N** Range **11W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5692' 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 stimulate the reservoir for the subject well per the attached procedure and current wellbore schematic.

SWD - 1217

Spud Date:

9/29/2010

Rig Released Date:

10/09/2010

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

9/14/11

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

10-26-11

Conditions of Approval (if any):



A

ConocoPhillips
Mar Vista #1 SWD
Capital - Reservoir Stimulation

Lat 36° 44' 54.085"

Long 107° 57' 38.689"

PROCEDURE

1. Test rig anchors prior to MOL. Flow well back into flowback tanks prior to MOL to bleed off tubing pressure. Engineering anticipates a shut in wellhead pressure of 400 to 600 psig. Kill fluid calculations are based on 600 psig.
2. RU slickline and GIH with a 1.75" gauge ring and tag PBTD. Make note of this depth in WellView. Set a FWE plug in the 2.56" F nipple at 3620'. RD slickline.
3. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations.
4. MOL & RU workover rig and BOP equipment. Check casing, tubing, and bradenhead pressures and record them in Wellview.
5. Release tubing and seal assembly from packer. Circulate well bottoms up with 11.5 CaCl weighted fluid. Capacity of tubing and tubing/casing annulus is 123 bbls. When well is dead, TOOH with injection string (details below). Stand pipe back in the derrick.

Number	Description
1	3-1/2" 9.3# J-55 EUE 8rd (IPC) tubing (32.56')
1	3-1/2" 9 3# J-55 EUE 8rd (IPC) pup joint (4.20')
109	3-1/2" 9 3# J-55 EUE 8rd (IPC) tubing (3533 15')
1	2.56" ID F-nipple (1.53')
1	3-1/2" 9.3# J-55 EUE 8rd (IPC) pup joint (8.12')
1	Seal Assembly (5.00')

Note: Tubing is internally plastic coated. Make note of any abnormal findings concerning the condition of the tubing.

6. RU slickline and pull the FWE plug from the F nipple at 3620' that was set in Step #2. RD slickline.
7. GIH with a workstring as follows and sting into the Baker FA-1 packer at 3600':

Number	Description
1	2-3/8" 4.7# N-80 EUE 8rd tubing *
1	X-over (seal assembly thread x 2-3/8" EUE pin)
1	Baker 80-40 seal assembly
1	X-over (3-1/2" EUE box x seal assembly thread)
1	2 75" F profile nipple (Set FWE test plug inside nipple)
~114	3-1/2" 9 3# N-80 EUE 8rd tubing
As required	3-1/2" 9 3# N-80 EUE 8rd pup joints

* Note. The bottom joint of 2-3/8" tubing will require the upset on the pin to be cut off and a muleshoe guide cut on the end. The seal assembly will extend 2' into the packer. From this point to the bottom of the lowermost R nipple is 28.59'. Make sure that the modified joint of 2-3/8" tubing is of sufficient length (along with the x-over) to isolate the lowermost R nipple.

8. Pressure test the tubing to 6500 psig. RU slickline unit and pull test plug.
9. RU frac crew and NU 10,000 psi frac valve to 3-1/2" workstring. Hold pre-job safety meeting. Complete and review JSA. Pressure test surface lines to 6500 psig. (Maximum treating pressure expected is 5016 psig at 50 bpm.)
10. Fracture treat the Cliffhouse formation with 118,550 gallons x-link gel, 320,000 lbs. 16-30 and 60,000 lbs. 20-40 mesh sand per the following schedule. Mark the beginning of the flush stage when the densimeter reads 7 ppg concentration. Flush to the top perforation.

Stage	BH Sand Conc. ppg	Sand Mesh	Stage Sand lbs	Slurry Rate bpm	Clean Liquid Volume gallons	Stage Clean Rate bpm	Stage Slurry Volume gallons	Stage Time h:mm:ss
Pad	---	---	---	50.0	35,050	50.0	35,050	0:16:40
1	1.0	20/40	10,000	50.0	10,000	47.8	10,454	0:04:58
2	2.0	20/40	20,000	50.0	10,000	45.9	10,903	0:05:11
3	3.0	20/40	30,000	50.0	10,000	44.0	11,357	0:05:24
4	4.0	16/30	48,000	50.0	12,000	42.3	14,171	0:06:44
5	6.0	16/30	180,000	50.0	30,000	39.3	38,140	0:18:09
6	8.0	16/30	92,000	50.0	11,500	36.7	15,662	0:07:27
Flush	---	---	---	45.0	1,302	45.0	1,302	0:00:41
			390,000		119,852			1:05:14

11 RU coiled tubing unit and BOP. NU flow tee and flow lines to flow back tank NU injector. GIH with 1-1/4" coiled tubing with a mule shoe cut on the end and clean out to PBTD with injection water Monitor returns for frac sand. Circulate until returns are free of sand. POOH & RD coiled tubing unit. (Note: If clean up is not responding to water circulation, nitrogen can be used to assist in this operation)

12 Unlatch seal assembly from packer and TOOH, laying down the 3-1/2" workstring and isolation tools

13. GIH with a re-dressed seal assembly and all other equipment that was pulled in Step #4. Run tubulars and other equipment in the reverse order as pulled Use API modified thread compound or equivalent.

14 Prior to latching into the sealbore of the packer, mix ~58 gallons of Champion Cortron R-2264 packer fluid with 91 barrels 2% KCl and pump into the tubing/casing annulus.

15. Land seal assembly and tubing.

16. RU slickline and set a test plug in the R nipple at 3629'. Pressure test the tubing and seals to 1000 psig for 30 minutes. Conduct a mechanical integrity test on casing-tubing annulus, pressuring up to **400 psig for 30 min on a 1 hour chart recorder with a 1000# spring. Contact NMOCD/BLM to witness MIT.** Record all test results in WellView.

17 GIH with slickline and pull R profile test plug from R nipple at 3629'. RD slickline

18 ND BOPs and 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

District	Field Name	APT / UWI	County	State/Province	Edit
NORTH	BLANCO MESAVERDE	3004535126	SAN JUAN	NEW MEXICO	
Original Spud Date	Surface Legal Location	EAW Dist (ft)	EAW Ref	N/S Dist (ft)	N/S Ref
9/29/2010	002-029N-011W-N	2,490.00	FVWL	290.00	FSL

ftKB (MD)	Schematic - Actual	Frm Final
15		
16		
38	3-1/2 J-55 IPC JT, 3 1/2in, 9.30lbs/ft, J-55, 15 ftKB, 47 ftKB	
48	3-1/2 J-55 IPC PUP JOINT, 3 1/2in, 9.30lbs/ft, J-55, 47 ftKB, 52 ftKB	
52		
53		
226		
227		
230		
691		OJO ALAMO, 691
856		KIRTLAND, 856
970		
1,622		FRUITLAND, 1,622
1,633		
1,634		
1,636		
2,003	3-1/2 J-55 IPC JT, 3 1/2in, 9.30lbs/ft, J-55, 52 ftKB, 3,585 ftKB	PICTURED CLIFFS, 2,003
2,160		LEWIS, 2,160
2,211	F NIPPLE, 4 1/2in, 3,585 ftKB, 3,586 ftKB	
2,212	3-1/2 J-55 IPC PUP JOINT, 3 1/2in, 9.30lbs/ft, J-55, 3,586 ftKB, 3,595 ftKB	
2,256		
2,257	SEAL ASSEMBLY, 3 1/2in, 3,595 ftKB, 3,600 ftKB	
2,275		
2,280	FA-1 PACKER, 5.890in, 3,600 ftKB, 3,602 ftKB	
2,774		
2,784	EXTENSION BORE FOR PACKER, 5.200in, 3,602 ftKB, 3,611 ftKB	
3,005	4-5/8" X 3-1/2" X OVER, 5.890in, 3,611 ftKB, 3,612 ftKB	CHACRA, 3,005
3,585		
3,586	3-1/2 J-55 IPC PUP JOINT, 3 1/2in, 9.30lbs/ft, J-55, 3,612 ftKB, 3,620 ftKB	
3,594		
3,599	F NIPPLE, 4 1/2in, 3,620 ftKB, 3,621 ftKB	
3,602		
3,611	3-1/2 J-55 IPC PUP JOINT, 3 1/2in, 9.30lbs/ft, J-55, 3,621 ftKB, 3,629 ftKB	
3,612		
3,619	R NIPPLE, 4 1/2in, 3,629 ftKB, 3,630 ftKB	
3,621		
3,629	RE-ENTRY GUIDE, 4.200in, 3,630 ftKB, 3,631 ftKB	
3,630		
3,631		
3,660		MASSIVE CLIFF HOUSE, 3,660
3,662		
3,714		
3,716		
3,846	PBTD, 3,846	MENESEE, 3,716
3,849		
3,850		
3,892		
3,893		
3,897	TD, 3,897, 10/7/2010	