

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

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.)		WELL API NO. <b>30-045-06098</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. <b>E-3148-20</b>
3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289		7. Lease Name or Unit Agreement Name <b>Mobil New Mexico B Com</b>
4. Well Location Unit Letter <u>P</u> : <u>790</u> feet from the <u>South</u> line and <u>790</u> feet from the <u>East</u> line Section <u>32</u> Township <u>27N</u> Range <u>9W</u> NMPM San Juan County		8. Well Number <b>1</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>6523' GR</u>		9. OGRID Number <b>14538</b>
		10. Pool name or Wildcat <b>Basin Dakota</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 ☐

OTHER: ☒ C/O Repair Csg

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 wishes to remove the tbq and pkr, repair csg failure & C/O to PBTD & return the well to production.  
Attached is the Current Schematic and Procedure.

RCVD APR 20 '10  
OIL CONS. DIV.

Spud Date:

Rig Released Date:

DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Jamie Goodwin TITLE Regulatory Technician DATE 4/19/10

Type or print name Jamie Goodwin E-mail address: Jamie.L.Goodwin@conocophillips.com PHONE: 505-326-9784

**For State Use Only**

APPROVED BY: Tally G. Roos TITLE Deputy Oil & Gas Inspector, DATE APR 20 2010  
Conditions of Approval (if any): District #3

3 1/2" CASING MUST BE PRESSURE TESTED IN ACCORDANCE WITH NMOCD RULE  
19.15.16.10. I, AFTER INSTALLATION AND PRIOR TO COMMENCING ANY OTHER  
OPERATIONS.

Notify NMOCD 24 hrs  
prior to beginning  
operations

5/4/20

PL

**ConocoPhillips**  
**MOBIL NEW MEXICO B COM 1**  
**Casing Repair**

Lat 36° 31' 35.472"

Long 107° 48' 17.136"

**PROCEDURE**

**Contact OCD and BLM 24 hours prior to cementing or MIT**

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. Check casing, tubing and bradenhead pressures and record them in WellView.
3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary. ND wellhead and NU BOPE.
4. Drop a locking 3 slip stop above the fish w/ slickline.
5. Unseat the packer (1996 Packer - Model R--Straight pull release) and come out of the hole. Record fill depth in WellView and notify engineer of fill depth so tubing landing depth can be modified as necessary.
6. TOOH with tubing (details below):

Number	Description	<i><b>Note: There are 3 Tools left in the tubing at 5344'. Check the last rig event</b></i>
141	2-3/8" Tubing joint	
1	Packer-Model R	
74	2-3/8" Tubing joint	
1	Profile Nipple	
1	2-3/8" Tubing	
1	Saw Tooth	

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

7. Roundtrip w/ GR or watermelon mill to 6675'.
8. TIH w/ CBP. Set CBP @ 6633' (50' above top perforation). PT the casing to 600 psi.
9. If failed, TIH w/ packer. Set the packer 10' above the CBP and pressure test the CBP. TOOH w/ packer
10. RIH w/ CBL and log from CBP to surface. Send CBL ASAP to engineer and wait for approval from OCD and BLM.
11. Drop 10' of sand on the plug and allow time for sand to settle down. **Call the OCD and BLM prior to performing the casing installation. NOTE: 1996 Rig Report indicated the casing leak @ 4390' and OCD representative (Frank Chavez) approved for packer**
12. TIH w/ 3.5" 9.3 lb/ft (ID = 2.992) flush joint casing and guide shoe and tag sand and pickup 10'. Attach last joint to mandrel and land in wellhead. **NOTE: Float Collar must be drillable (aluminum) or should not be used**
13. RU cement crew and pressure test cement lines. Call engineer to confirm the type of cement mixture. Pump cement 100% excess (~350 sxs)(150 ft3 volume) and circulate it to surface. Drop wiper plug and displace w/ 1% KCL water until plug bumps. Shut-in and wait on cement.

14. MIRU Cameron to change the well head configuration.
15. Spot in trailer 1-1/4' HSL drill pipe, and associated X-overs, subs and a 2-7/8" bit.
16. PU 2-7/8" bit and sub and RIH w/ 1-1/4" drill pipe to drill up cement, and cleanout to PBTD. **NOTE: use stabbing guide to protect threads and do not over torque.**
17. POOH w/ drill pipe, laying down. Move out trailer w/ drill pipe and spot in trailer w/ 2-1/16" IJ tubing
18. TIH with tubing and drifting procedure as follow (setting bottom up): Land tubing @ 6790' and F-Nipple @ 6789'
  - 1 2-1/16" expandable check
  - 1 F-Nipple
  - ~213 2-1/16" tubing joints
  - x 2-1/16" pup joints as necessary
19. Run standing valve and test to 1000 psi. Retrieve standing valve.
20. ND BOP and NU new well head per Carmeron recommendation. Notify Lease operator to retun to well production. RDMO.

## **Tubing Drift Check**

### **Procedure**

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (i.e. – 2-3/8", EUE, 4.7# tbg drift = 1.901"), and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

# Current Schematic

ConocoPhillips

Well Name: MOBIL NEW MEXICO B COM #1

API/ UWI 3004506098	Surface Legal Location 790 S 790 E 32-027 N-003W	Field Name BEN B K PRO GAS	License No. 80052	State/Province NEW MEXICO	Well Configuration Type <a href="#">Edit</a>
Ground Elevation (ft) 6,508.00	Original KB/RT Elevation (ft) 6,522.00	KB-Ground Distance (ft) 14.00	KB-Casing Flange Distance (ft) 6,522.00	KB-Tubing Hanger Distance (ft) 6,522.00	

Well Config: - 30045060980000, 5/7/2009 3:01:53 PM

ftKB (MD)	Schematic - Actual	Frm Final
0	Surface Casing Cement, 14'-361, 9/25/1963, Cemented with 350 sxs. Cement circulated to surface.	
14	Surface; 8 5/8in, 14 ftKB, Set depth adjusted from 15' KB to production KB of 14', 361 ftKB	
360		
361		
364	Production Casing Cement, 860-2,409, 10/13/1963, 2nd Stage: Cemented with 200 sxs Type C. Top of cement @ 860' per	OJO ALAMO, 1,232
1,232	Temperature Survey on 10/16/1963.	
1,265	Cement Squeeze, 3,702-4,142, 5/23/1996,	KIRTLAND, 1,510
1,510	Spot squeezed with 34 sxs Class B Neat cement to repair casing.	
2,015	Cement Squeeze, 3,777-4,277, 5/18/1996,	FRUITLAND, 2,015
2,292	Spot squeeze with 40 sxs Class B Neat cement to repair casing.	PICTURED CLIFFS, 2,292
2,408	Cement Squeeze, 3,693-4,393, 5/22/1996,	
2,409	Spot squeezed with 55 sxs Class B Neat cement to repair casing.	
3,814	Cement Squeeze, 3,514-4,393, 5/29/1996,	MESA VERDE, 3,814
4,437	Spot squeezed with 70 sxs Class B Neat cement to repair casing.	
4,444	Cement Squeeze, 4,721-4,741, 5/17/1996, Squeezed with 100 sxs Class B Neat cement to repair casing.	POINT LOOKOUT, 4,539
4,539	Plunger, 5,392-5,393	
5,392		
5,393		
5,898		GALLUP, 5,898
6,252		SANASTEE, 6,252
6,598		GREENHORN, 6,598
6,651	Hydraulic Fracture, 10/23/1963, Frac'd with 40,000# of 20/40 sand and 40,600 gals of water.	GRANEROS, 6,651
6,681	Screened off with 34,000# sand in formation.	DAKOTA, 6,681
6,683		
6,719	Profile Nipple, 2 3/8in, 6,767 ftKB, 6,768 ftKB	DAKOTA, 6,683-6,719, 10/23/1963
6,767	Tubing, 2 3/8in, 4 70lbs/ft, J-55, 6,768 ftKB, 6,799 ftKB	
6,768	Hydraulic Fracture, 10/23/1963, Frac'd with 45,000# of 20/40 sand and 66,242 gals water.	DAKOTA, 6,776-6,803, 10/23/1963
6,776		
6,799	Saw Tooth, 2 3/8in, 6,799 ftKB, 6,800 ftKB	
6,800		
6,803		
6,921	PBTD, 6,921	PBTD, 6,921-6,949, 10/13/1963
6,948		Production Casing Cement, 4,330-6,949, 10/13/1963, 1st Stage: Lead with 325 sxs Type C and tailed with 100 sxs regular cement. Top of cement @ 4330' per CBL on 10/23/1963.
6,949		Production, 4.1/2in, 14 ftKB, 6,949 ftKB
6,950	TD, 6,950, 10/13/1963	Cement plug, 6,949-6,950, 10/13/1963