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

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

Form C-103
March 4, 2004

WELL API NO.	30-045-31932
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	

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 X☐ Other	7. Lease Name or Unit Agreement Name: **Randleman**
	8. Well Number: **#1B**
2. Name of Operator: **Burlington Resources Oil & Gas Company LP**	9. OGRID Number: 14538
3. Address of Operator: **P.O. Box 4289, Farmington, NM 87499-4289**	10. Pool name or Wildcat: Dakota / Mesaverde

4. Well Location

Unit Letter C : 725' feet from the North line and 2390' feet from the West line

Section 13 Township 31N Range 11W NMPM San Juan County

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

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: Plug back	☒	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.

RCVD NOV29'06

OIL CONS. DIV.
DIST. 3

See the attached procedure we will be using to plug and abandon the subject well. Currently the replacement well (Randleman #1N) is scheduled to be drilled by Paterson Rig 747 with an anticipated spud date of March 29, 2007. After this well has been plugged back COPC wishes to keep this well in the TA status for uphole potential (FC completion). Also attached are the current and proposed wellbore schematics.

notify OCD 24 hr min before operations Begin

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 Patsy Clugston TITLE Sr. Regulatory Specialist DATE 11/29/06

Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518

(This space for State use)

APPPROVED BY H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. ☐ DATE NOV 29 2006

Conditions of approval, if any:

in open hole pump volume + 100% excess.
Cased Hole Require 100 ft plug plus 50'

Burlington Resources
Randleman # 1B
Completion Procedure

DIRECTIONS TO LOCATION:

From the Intersection of Hwy 516 and CR 2900 take CR 2900 NE for 7.5 miles. Turn left W for 0.2 miles, Turn left S for 0.1 miles, Stay left at fork S for 0.1 miles, turn right SW for 0.2 miles, turn right W for 0.2 miles, turn right W for 0.1 miles to new location access.

PROJECT OBJECTIVE:

The **Randleman #1B** was **2004 Dakota/Mesaverde** completion well, the well intersect a massive natural fracture during drilling operations which caused the gas to flow in a rate of **5-6MMCFD**, the drilling was halted at **6910`**, an attempt was made to land 4 ½" casing with **ECP** to isolate the **DK** and **MV** formations, the **ECP** became stuck and set prematurely due to high gas velocity. The 4 ½" casing was set at **4124`**. A Production tubing, was landed and got stuck at **6653`** where is the open hole section. An unsuccessful clean out operations were performed due to the down hole bridge and the production never returned to the initial prolific rates.
Another bridge appeared further when the new directional well known **Randleman #1R** was planned to be drilled within the same wellpad of the existing well, the plan was to have the new well come close to previous one and intersect as low as **6830`**.The drilling operations of **Randleman #1R** failed due to the premature intersect with the previous **Randleman #1B** at **4175`**, the intersection of the two wells caused penetration or drilling through the production tubing at the **Randleman #1B** and possible parted leaving the tubing in the open hole section. The idea now is to recover the tubing from the open hole section of the **Randleman #1B** if possible and plan to P&A the open hole section once the **OCD** will approve the upcoming operations.

WELLBORE PREPARATION:

1. **Deliver to location the following equipment**:

1.	7200' 2-3/8", 4.7# J-55 EUE tubing.
2.	3-3/4" bit/mill and bit sub.
3.	Six 3-1/8" drill collars.
4.	One (1) rig tank filled with 2% KCl.

2. Hold pre-job meeting prior to any operational changes and/or new day's activities with rig supervisor and wireline company to review procedure.

3. MIRU completion rig. Comply with all BR, BLM, NMOCD rules and regulations. Record tubing and casing pressures. RU blow lines from casing valves and begin blowing down casing pressure.

4. Kill tubing pressure with 2% KCL. **ND wellhead assembly**, and **NU BOP**. Change pipe rams and handling tools to 2-3/8". **RU blooie line from BOP**. Repair or replace any leaking or damaged valves on wellhead.

5. Kill annulus by pumping down casing valve with **2% KCL** and prepare to strip out tubing hanger. Back out jam nuts and remove tubing hanger. Latch on tubing and attempt to pull the entire string. Visually

inspect tubing string. **LD tubing string and stage on location, out of the way**. Report condition of tubing on Wellview report and type of scale, if any.

6. As necessary, evaluate options to make wellbore suitable for plugging back to Fruitland coal formation.

7. Plug back will be done according to the following procedure assuming a depth of 5300` can be feasibly reached.

PLUG BACK AND T&A PROCEDURE:

8. **Plug #1 Dakota/Gallup tops 6910'-6120'**: Establish injection rate down 2 3/8" tubing and through perforated tubing jt on bottom. Pump 359 cu ft cement and displace with wiper plug to F-nipple at 6627'. RD cementing company. 782'

9. **Plug #2 Mancos top 5159'-5059'**: Using tubing release tool, pump spacer and balance 34 cu ft cement across the Mancos. Release from fiberglass sub and TOOH with tubing. WOC for four hours and TIH to tag cement plug. Pump additional cement as necessary to get cement top to 5059'.

10. **Plug #3 Mesaverde top/Casing shoe 4189'-4074'**: Using tubing release tool, pump spacer and spot a 31 cu ft balanced cement plug across the Mesaverde top and the 4 ½" casing shoe. Release from fiberglass sub and TOOH with tubingWOC for a minimum of four hours and TIH to tag cement plug. Pump additional cement as necessary to get cement top to 4074'.

11. Load the hole and pressure test the casing to 500 psi.

12. **Plug #4 Chacra top 3659'-3559'**: TIH with 2 3/8" tubing and spot a 13 cu ft balanced cement plug across the Chacra top. If casing tested, proceed with step 15 below. If casing did not test, WOC for four hours and tag cement plug. Pump additional cement as necessary to get cement top to 3559' and then begin leak isolation.

13. Call OCD to schedule witnessing of the pressure test.

14. MIRU. Cameron Company.

15. Ensure wellbore is full. Pressure test casing to 500 psi for 30 minutes. Document with chart using:
Recorder with
Max spring – 1000#
~~Max clock – 2 hours~~
Max clock – 2 hours

16. Bleed off pressure and leave well temporarily abandoned.

17. Ensure the OCD representative takes the chart with them back to Aztec office.

18. RDMO completion rig. Well to be completed to Fruitland at later date.

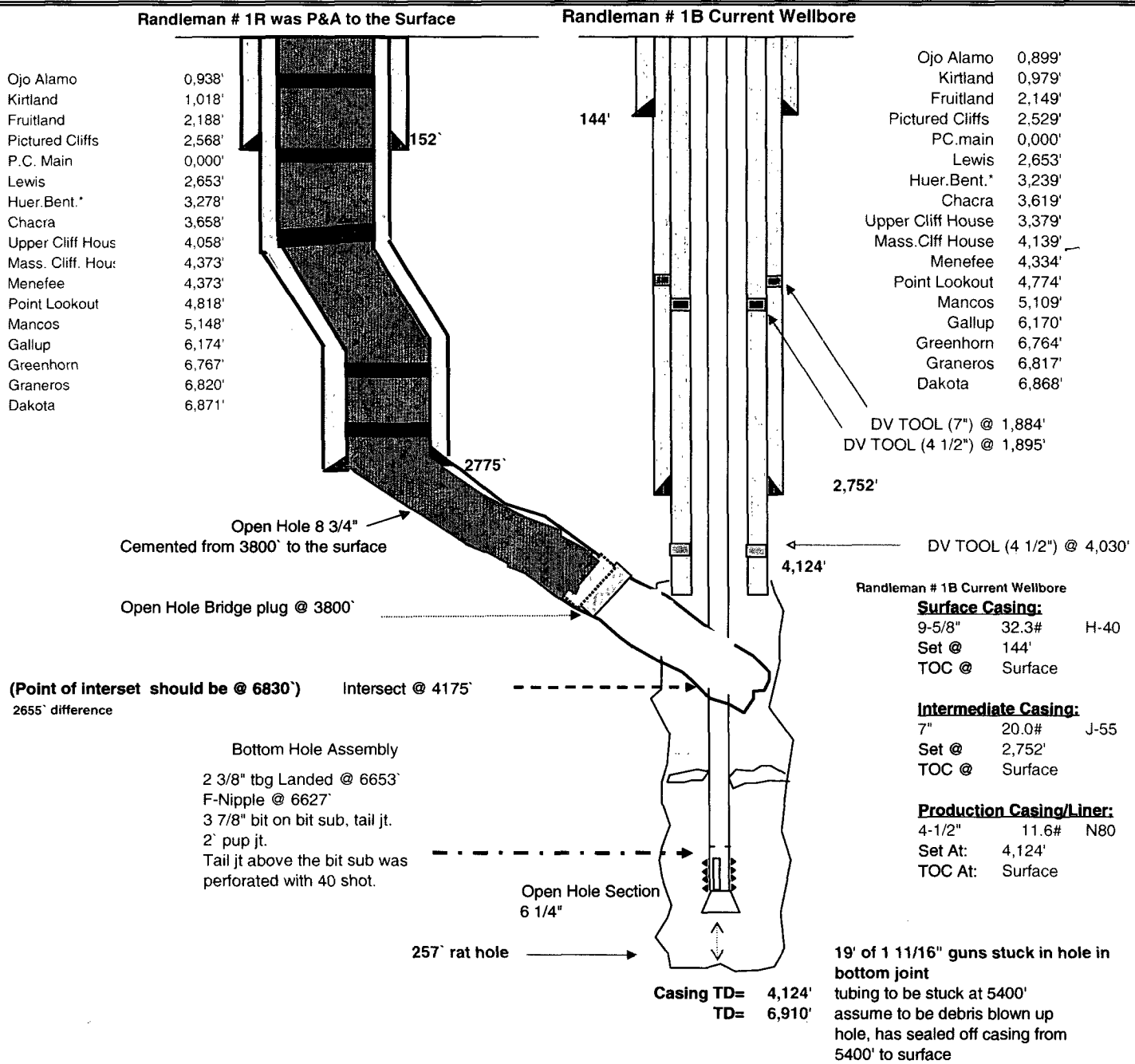
19. file Sundry Notice Rec'd TA status & Give test Details.

Randleman #1B

725 FNL , 2390 FWL
Unit C, Section 13, T31N, R11W
San Juan County, NM

LAT: 36 Deg. 54.22 Min. **LONG: 107 Deg. 56.54 Min.**

GL = 5,862' KB= 5,874'



Randleman # 1B Current Wellbore

Surface Casing:

9-5/8"	32.3#	H-40
Set @	144'	
TOC @	Surface	

Intermediate Casing:

7"	20.0#	J-55
Set @	2,752'	
TOC @	Surface	

Production Casing/Liner:

4-1/2"	11.6#	N80
Set At:	4,124'	
TOC At:	Surface	

19' of 1 11/16" guns stuck in hole in bottom joint
tubing to be stuck at 5400'
assume to be debris blown up hole, has sealed off casing from 5400' to surface

Figure 1

JBC/NMA 11/28/2006

Randleman #1B

725 FNL , 2390 FWL
Unit C, Section 13, T31N, R11W
San Juan County, NM

LAT: 36 Deg. 54.22 Min. LONG: 107 Deg. 56.54 Min.

GL = 5,862' KB= 5,874'

Proposed Wellbore

Surface Casing:
9-5/8" 32.3#
Set @ 144'
TOC @ Surface

Intermediate Casing:
7" 20.0# J-55
Set @ 2,752'
TOC @ Surface

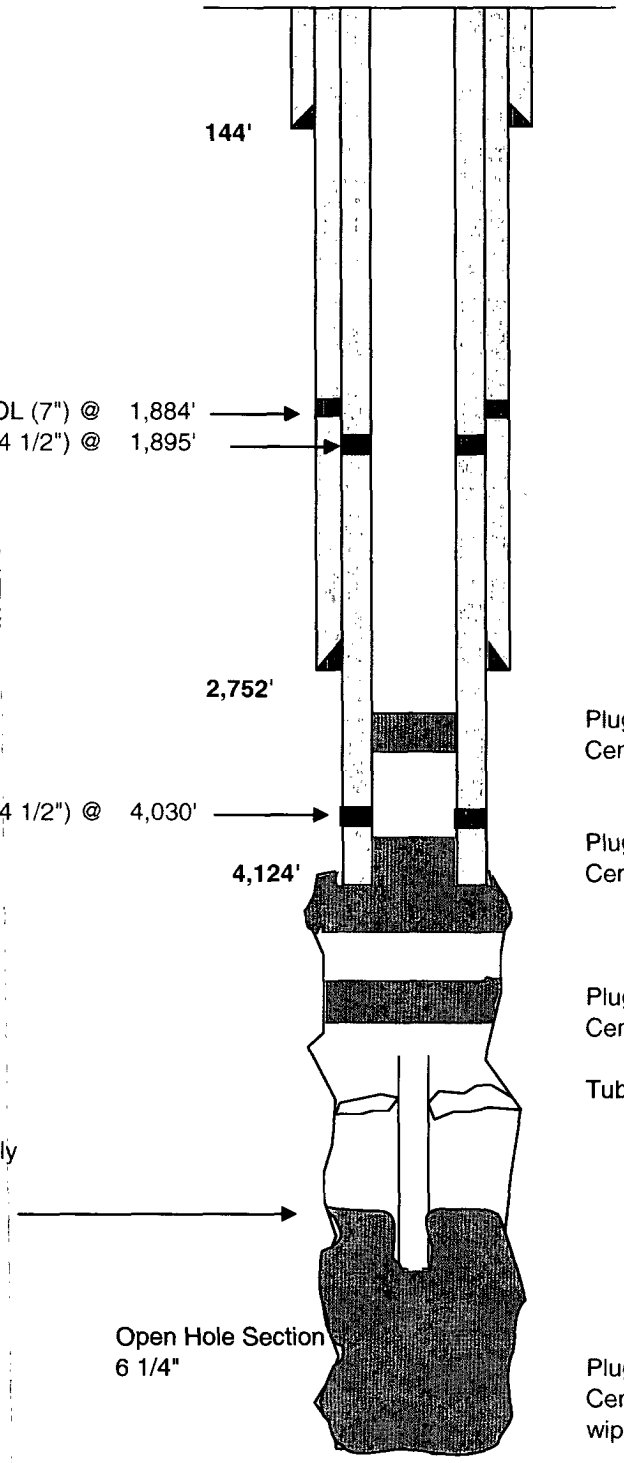
DV TOOL (7") @ 1,884'
DV TOOL (4 1/2") @ 1,895'

Tubing String:
2 3/8" 4.7# J-55
Set @

DV TOOL (4 1/2") @ 4,030'

Production Casing/Liner:
4-1/2" 11.6# N80
Set At: 4,124'
TOC At: Surface

Bottom Hole Assembly
2 3/8" tbg Landed @ 6653`
F-Nipple @ 6627`
3 7/8" bit on bit sub, tail jt.
2` pup jt.
Tail jt above the bit sub was perforated with 40 shot.



Ojo Alamo	0,899'
Kirtland	0,979'
Fruitland	2,149'
Pictured Cliffs	2,529'
PC.main	0,000'
Huer.Bent.*	3,239'
Chacra	3,619'
Upper Cliff House	3,379'
Mass.Clff House	4,139'
Menefee	4,334'
Point Lookout	4,774'
Mancos	5,109'
Gallup	6,170'
Greenhorn	6,764'
Graneros	6,817'
Dakota	6,868'

Plug #4 Chacra: 3659'-3559'
Cemented with 13 cu ft of cement

Plug #3 MV/4.5" shoe: 4189'-4074'
Cemented with 31 cu ft of cement

Plug #2 Mancos: 5159'-5059'
Cemented with 34 cu ft of cement

Tubing cut at +/- 5300'

Plug #1 DK/Gallup: 6910'-6120'
Cemented with 359 cu ft of cement and wiper plug displaced to F-nipple at 6627'

Casing TD= 4,124'
TD= 6,910'

JBC/NMA 11/28/06