

**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 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-101

**APPLICATION FOR PERMIT TO DRILL**

Operator Name and Address BURLINGTON RESOURCES OIL & GAS CO PO Box 4289 Farmington, NM 87499		OGRID Number 14538
		API Number 30-045-31932
Property Code 7412	Property Name RANDLEMAN	Well No. 001B

**Surface Location**

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	13	31N	11W	C	725	N	2390	W	San Juan

**Proposed Pools**

BASIN DAKOTA (PRORATED GAS) 71599  
BLANCO-MESAVERDE (PRORATED GAS) 72319

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type Private	Ground Level Elevation 5862
Multiple Y	Proposed Depth 7245	Formation Dakota Formation	Contractor	Spud Date

**Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	32.3	120	35	0
Int1	8.75	7	20	2749	323	0
Prod	6.25	4.5	10.5	7110	301	2649

**Casing/Cement Program: Additional Comments**

Well will be an open hole from 7110 to 7245.

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Nancy Oltmanns

Title: Senior Staff Specialist

Date: 10/15/2003

Phone: 505-326-9891

### OIL CONSERVATION DIVISION

Electronically Approved By: Frank Chavez

Title: District Supervisor

Approval Date: 10/28/2003

Expiration Date: 10/28/2004

Conditions of Approval:

No Conditions

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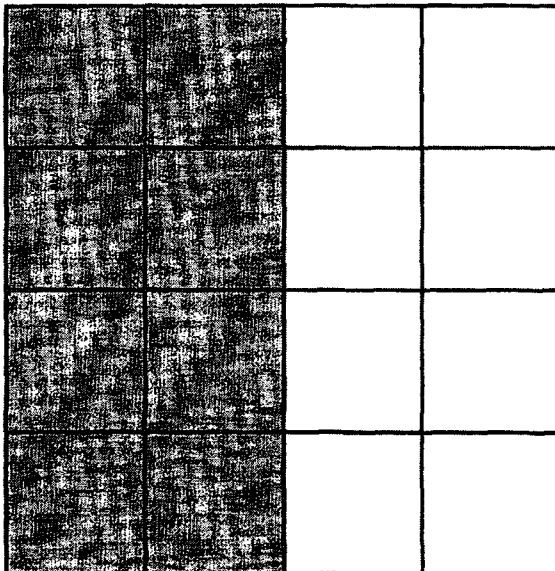
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-31932	Pool Name BLANCO-MESAVERDE (PRORATED GAS)	Pool Code 72319
Property Code 7412	Property Name RANDLEMAN	Well No. 001B
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation 5862

**Surface And Bottom Hole Location**

UL or Lot C	Section 13	Township 31N	Range 11W	Lot Idn C	Feet From 725	N/S Line N	Feet From 2390	E/W Line W	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Electronically Signed By: Nancy Oltmanns

Title: Senior Staff Specialist

Date: 10/15/2003

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Glen Russell

Date of Survey: 09/18/2003

Certificate Number: 15703

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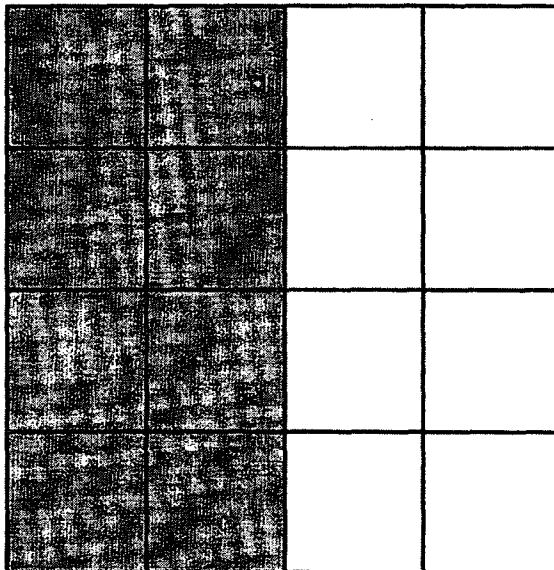
Form C-102

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-045-31932	Pool Name BASIN DAKOTA (PRORATED GAS)	Pool Code 71599
Property Code 7412	Property Name RANDLEMAN	Well No. 001B
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation 5862

**Surface And Bottom Hole Location**

UL or Lot C	Section 13	Township 31N	Range 11W	Lot Idn C	Feet From 725	N/S Line N	Feet From 2390	E/W Line W	County San Juan
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			



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Title: Senior Staff Specialist

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Surveyed By: Glen Russell

Date of Survey: 09/18/2003

Certificate Number: 15703

## Permit Comments

**Operator:** BURLINGTON RESOURCES OIL & GAS CO , 14538

**Well:** RANDLEMAN #001B

User Name	Comment	Comment Date
SHAYDEN	TD is not equal to liner setting depth	10/15/2003

Submit 3 Copies To Appropriate District Office  
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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised May 08, 2003

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

WELL API NO.  
30-045-31932

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Randleman

8. Well Number  
1B

9. OGRID Number  
14538

10. Pool name or Wildcat  
Blanco Mesaverde/Basin Dakota

SUNDRY NOTICES AND REPORTS OF 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-10) 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

PO Box 4289, Farmington, NM 87499

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

2/23/04 MIRU.

2/24/04 Spud well @ 9:15 am 2/24/04. Drill to 147'. Circ hole clean. TOO. TIH w/3 jts 9-5/8" 32.3# H-40 ST&C csg, set @ 144'. Cmt d w/132 sxs Type III cmt w/3% calcium chloride, 0.25 pps celloflake (169 cu. ft.). Circ 10 bbls cmt to surface. WOC.

2/25/04 NU BOP. PT BOP & csg to 600 psi/30 mins, OK. Drilling ahead.

APD ROW Related

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tammy Wimsatt TITLE Regulatory Specialist DATE 2/26/2004

Type or print name Tammy Wimsatt

Telephone No. (505) 326-9700

(This space for State use)

APPROVED BY Chad R DEPUTY OIL & GAS INSPECTOR, DIST. 43 DATE MAR - 1 2004

Conditions of approval, if any:

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Reformatted July 20, 2001

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Burlington Resources Oil & Gas Company LP PO Box 4289 Farmington, New Mexico 87499		2 OGRID Number 14538
		3 Reason for Filing Code/ Effective Date New Drill
4 API Number 30-045-31932	5 Pool Name Basin Dakota	6 Pool Code 71599
7 Property Code 7412	8 Property Name Randleman	9 Well Number 1B

II. 10 Surface Location

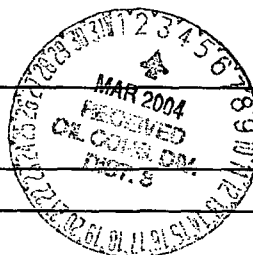
Ul or lot no. C	Section 13	Township 31N	Range 11W	Lot Idn	Feet from the 725	North/South Line North	Feet from the 2390	East/West line West	County San Juan
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11 Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Use Code F	13 Producing Method Flowing	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
9018	Giant Industries		O	
25244	Williams Field Services		G	



IV. Produced Water

23 POD	24 POD ULSTR Location and Description
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V. Well Completion Data

25 Spud Date 2/24/2004	26 Ready Date 3/2/2004	27 TD 6879'	28 PBDT	29 Perforations 2760-6879' Open hole	30 DHC, MC
31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement		
12 1/4	9 5/8	144'	169 cu. ft.		
8 3/4	7	2752'	842 cu. ft.		

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date 3/2/2004	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size	42 Oil	43 Water	44 Gas 5500	45 AOF	46 Test Method Flowing
47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tammy Wimsatt</i>			OIL CONSERVATION DIVISION Approved by: <i>Charles H. [Signature]</i>		
Printed name: Tammy Wimsatt			Title: DEPUTY OIL & GAS INSPECTOR, DIST. #2		
Title: Regulatory Specialist			Approval Date: MAR - 3 2004		
Date: 3/2/2004		Phone: (505)326-9700			

TA EXPIRES 6-3-04

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
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State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Reformatted July 20, 2001

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address Burlington Resources Oil & Gas Company LP PO Box 4289 Farmington, New Mexico 87499		<sup>2</sup> OGRID Number 14538
		<sup>3</sup> Reason for Filing Code/ Effective Date New Drill
<sup>4</sup> API Number 30-045-31932	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 7412	<sup>8</sup> Property Name Randleman	<sup>9</sup> Well Number 1B

**II. <sup>10</sup> Surface Location**

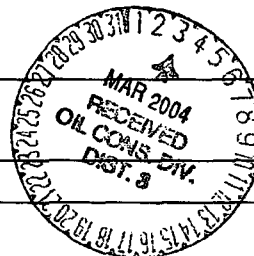
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	13	31N	11W		725	North	2390	West	San Juan

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
9018	Giant Industries		O	
25244	Williams Field Services		G	



**IV. Produced Water**

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

**V. Well Completion Data**

<sup>25</sup> Spud Date 2/24/2004	<sup>26</sup> Ready Date 3/2/2004	<sup>27</sup> TD 6879'	<sup>28</sup> PBTD	<sup>29</sup> Perforations 2760-6879' Open hole	<sup>30</sup> DHC, MC
<sup>31</sup> Hole Size 12 1/4	<sup>32</sup> Casing & Tubing Size 9 5/8	<sup>33</sup> Depth Set 144'	<sup>34</sup> Sacks Cement 169 cu. ft.		
8 3/4	7	2752'	842 cu. ft.		

**VI. Well Test Data**

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date 3/2/2004	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas 5500	<sup>45</sup> AOF	<sup>46</sup> Test Method Flowing
<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tammy Wimsatt</i>			OIL CONSERVATION DIVISION Approved by: <i>Charles H.</i> Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3		
Printed name: Tammy Wimsatt			Approval Date: MAR - 3 2004		
Title: Regulatory Specialist					
Date: 3/2/2004		Phone: (505)326-9700			

TA EXPIRES 6-3-04



Submit 3 Copies To Appropriate District Office  
District I  
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State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
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Form C-103  
Revised May 08, 2003

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-045-31932
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Burlington Resources Oil & Gas Company LP		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 4289, Farmington, NM 87499		7. Lease Name or Unit Agreement Name Randleman
4. Well Location Unit Letter <u>C</u> : <u>725</u> feet from the <u>North</u> line and <u>2390</u> feet from the <u>West</u> line Section 13 Township 31N Range 11W NMPM San Juan County		8. Well Number 1B
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 14538
		10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

<b>12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data</b>	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

- 2/26/04 Drill to intermediate TD @ 2760'. Circ hole clean. TOO. TIH w/64 jts 7" 20# J-55 ST&C csg, set @ 2752'. Stage collar set @ 1884'.
- 2/27/04 Cmt'd 1<sup>st</sup> stage w/78 sxs Premium Lite cmt w/3% calcium chloride, 0.25 pps celloflake, 5 pps LCM, 0.4% fluid loss, 0.4% SMS (166 cu. ft.). Tail w/90 sxs Type III cmt w/1% calcium chloride, 0.25 pps celloflake, 0.2% fluid loss (124 cu. ft.). Circ 22 bbls cmt to surface. Cmt'd 2<sup>nd</sup> stage w/259 sxs Premium Lite w/3% calcium chloride, 0.25 pps celloflake, 5 pps LCM-1, 0.4% fluid loss, 0.4% SMS (552 cu. ft.). Circ 8 bbls cmt to surface. WOC. PT BOP & csg to 1500 psi/30 mins, OK. Drilling ahead.
- 2/29/04 Drill to TD @ 6879'. Pressure spiked from 420 to 580, quit drilling lost dust. Large gas kick, lit blooie line for trip, 50' flare. TOO.
- 3/1/04 Flow test well on 3" panic line. Well flowing 5.5 MMCF. (Verbal approval received from Frank Chavez, OCD, to produce well as a Mesaverde/Dakota open hole completion).

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tammy Wimsatt TITLE Regulatory Specialist DATE 3/2/2004

Type or print name Tammy Wimsatt Telephone No. (505) 326-9700

(This space for State use)

APPROVED BY Chad T. DEPUTY OIL & GAS INSPECTOR, DIST. 5 DATE MAR - 3 2004

Conditions of approval, if any:

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Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
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Revised May 08, 2003

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-045-31932
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Burlington Resources Oil & Gas Company LP		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 4289, Farmington, NM 87499		7. Lease Name or Unit Agreement Name Randleman
4. Well Location Unit Letter <u>C</u> : <u>725</u> feet from the <u>North</u> line and <u>2390</u> feet from the <u>West</u> line Section 13 Township 31N Range 11W NMPM San Juan County		8. Well Number 1B
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 14538
		10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Commingle <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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.

It is intended to drill and complete the subject well in the Blanco Mesaverde (Pool Code 72319) and the Basin Dakota (Pool Code 71599). The production will be commingled according to Oil Conservation Division Order Number 11363. Allocation and methodology will be provided after the well is completed. Commingling will not reduce the value of the production. Bureau of Land Management has been notified in writing of this application.

Interest is common. No notification necessary.



DHC 1441 A2

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tammy Wimsatt TITLE Regulatory Specialist DATE 3/2/2004

Type or print name Tammy Wimsatt

Telephone No. (505) 326-9700

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE MAR - 3 2004

Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office  
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State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised May 08, 2003

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

WELL API NO. 30-045-31932
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 Randleman
8. Well Number 1B
9. OGRID Number 14538
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Burlington Resources Oil & Gas Company LP	
3. Address of Operator PO Box 4289, Farmington, NM 87499	
4. Well Location Unit Letter <u>C</u> : <u>725</u> feet from the <u>North</u> line and <u>2390</u> feet from the <u>West</u> 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	
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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.

3/3/04 Flow test well. TIH w/6-1/4" bit, tag bridge @ 6682' to 6686' & 6859' to 6861'. Est circ. Drill @ 6879' to TD @ 6910'.  
3/4/04 TOO H w/bit. Mix mud & repair blooie line. Blow well.  
3/5/04 ND BOP & NU cudd for snubbing. WO cudd pressure control. RU W/L.  
3/6/04 Lubricate BHA, snub 4-1/2" csg in hole. Work stuck csg @ 4124'.  
3/7/04 (Verbal approval from Charlie Perrin, OCD, to cmt csg & complete wellbore). Csg stuck @ 4124'. Land 94 jts 4-1/2" 11.6# L-80 LT&C csg @ 4124'. Stage collar @ 1895'. Cmt 1<sup>st</sup> stage w/102 sxs Class G neat w/0.25 pps celloflake, 1% fluid loss, 1% calcium chloride (202 cu. ft.). Tail w/50 sxs Class G neat w/1% calcium chloride, 0.2% fluid loss, 0.25 pps celloflake (69 cu. ft.). Circ 5 bbls cmt to surface. Cmt 2<sup>nd</sup> stage w/106 sxs Class G neat w/0.25 pps celloflake, 1% fluid loss, 1% calcium chloride (210 cu. ft.). Tail w/50 sxs Class G neat w/1% calcium chloride, 0.2% fluid loss, 0.25 pps celloflake (69 cu. ft.). Displace w/30 bbls fresh wtr. Circ 10 bbls cmt to surface. WOC.  
3/8/04 RD cudd W/L. ND BOP. NU WH. RD. Rig released.  
3/9/04 MIRU. ND WH. NU BOP. Test BOP to 3500 psi/30 mins, OK. TIH w/mill, tag cmt @ 1850'. Drill cmt to 1895'.  
3/10/04 Mill DV tool @ 1895'. Stage in hole to 4026', tag cmt. Mill cmt to 4030'. TOO H w/mill. TIH w/bit, push wiper plug from 4089-4121', mill float & shoe. Flow well. SDON.  
3/11/04 TOO H w/bit. TIH w/131 jts 2-3/8" 4.7# J-55 tbg, set @ 4140'. ND BOP. NU WH. Perf 2-3/8" tbg w/1-9/16" thru tbg perf gun, 4 SPF for a total of 60, 0.41" diameter holes @ 4120-4135'. RD. Rig released.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tammy Wimsatt TITLE Regulatory Specialist DATE 3/25/2004

Type or print name Tammy Wimsatt Telephone No. (505) 326-9700

(This space for State use)

APPROVED BY Charles R. TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR - 2 2004  
Conditions of approval, if any:

# Deviation Report

<b>Name of Company</b>	<b>Address</b>	
Burlington Resources Oil & Gas Company	P.O. Box 4289, Farmington, NM 87499	
<b>Lease Name and Number (API Number)</b>	<b>Location</b>	<b>Sec. Twn. Rge.</b>
RANDLEMAN #1B (30-045-31932)	725 FNL -2390 FWL	13-031N-011W
<b>Pool and Formation</b>	<b>County</b>	<b>State</b>
Blanco Mesaverde/Basin Dakota	SAN JUAN	NEW MEXICO

(OH)

**Depth (ft)**

**Deviation (degrees)**

130	1.50
639	0.25
1,121	1.75
1,376	1.50
2,417	0.50



Air Hammer Used? ☒ YES / NO

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer for Burlington Resources Oil & Gas Company, am authorized by said Company to make this report; and that this report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

*Sean Coniga*

Subscribed and sworn to before me this 31st day of March, 2004.

*Tamatha W. Winters*

Notary Public in and for San Juan County, New Mexico

My commission expires September 15, 2004.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Reformatted July 20, 2001

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Burlington Resources Oil & Gas Company LP PO Box 4289 Farmington, New Mexico 87499		<sup>2</sup> OGRID Number 14538
		<sup>3</sup> Reason for Filing Code/ Effective Date New Drill <i>Replace Temp 04/04 approval</i>
<sup>4</sup> API Number 30-045-31932	<sup>5</sup> Pool Name Blanco Mesaverde	<sup>6</sup> Pool Code 72319
<sup>7</sup> Property Code 7412	<sup>8</sup> Property Name Randleman	<sup>9</sup> Well Number 1B

II. <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	13	31N	11W		725	North	2390	West	San Juan

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code Flowing	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
9018	Giant Industries		O	
25244	Williams Field Services		G	

IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

<sup>25</sup> Spud Date 2/24/2004	<sup>26</sup> Ready Date 3/11/2004	<sup>27</sup> TD 6910'	<sup>28</sup> PBTD 4124'	<sup>29</sup> Perforations 4120-4135'	<sup>30</sup> DHC, MC dhc1441az
<sup>31</sup> Hole Size 12 1/4	<sup>32</sup> Casing & Tubing Size 9 5/8	<sup>33</sup> Depth Set 144'	<sup>34</sup> Sacks Cement 169 cu. ft.		
8 3/4	7	2752'	842 cu. ft.		
6 1/4	4 1/2	4124'	550 cu. ft.		
	2 3/8	4140'			

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date 3/12/2004	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure 785	<sup>40</sup> Csg. Pressure 785
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas 263	<sup>45</sup> AOF	<sup>46</sup> Test Method Flowing
<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Tammy Wimsatt</i>			OIL CONSERVATION DIVISION		
Printed name: Tammy Wimsatt			Approved by: <i>Charlie Herrin</i>		
Title: Regulatory Specialist			Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3		
Date: 3/31/2004			Approval Date: APR - 2 2004		
Phone: (505)326-9700					

Submit to Appropriate

District Office

State Lease - 6 copies

Fee Lease - 5 copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

# OIL CONSERVATION DIVISION

P. O. Box 2089

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>						WELL API NO. 30-045-31932	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>						5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY						6. State Oil & Gas Lease No.	
3. Address of Operator PO BOX 4289, Farmington, NM 87499						7. Lease Name or Unit Agreement Name Randleman	
4. Well Location Unit Letter <u>C</u> : <u>725</u> Feet From The <u>North</u> Line and <u>2390</u> Feet From The <u>West</u> Line Section <u>13</u> Township <u>31N</u> Range <u>11W</u> NMPM San Juan County, NM						8. Well No. 1B	
10. Date Spudded 2/24/2004						9. Pool name or Wildcat Blanco Mesaverde/Basin Dakota	
11. Date T.D. Reached 3/3/2004		12. Date Compl. (Ready to Prod.) 3/11/2004		13. Elevations (DF&RKB, RT, GR, etc.) 5862' GL, 5874' KB		14. Elev. Casinghead	
15. Total Depth 6910'		16. Plug Back T.D. 4124'		17. If Multiple Compl. How Many Zones? 2		18. Intervals Drilled By Rotary Tools Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 6000-6910' Dakota MV 4120-4135						20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run none						22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB/FT.		DEPTH SET		HOLE SIZE	
9 5/8 H-40		32.3#		144'		12 1/4	
7 D-55		20#		2752'		8 3/4	
4 1/2		11.6#		4124'		6 1/4	
CEMENTING RECORD		AMOUNT PULLED					
169 cu. ft.							
842 cu. ft.		2/2/2					
550 cu. ft.							
24. LINER RECORD				25. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT	
						SCREEN	
2 3/8		4140'				PACKER SET	
26. Perforation record (interval, size, and number) 4120-4135' w/4 SPF for a total of 60, 0.41"				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
4120-4135'				none			
28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-In)	
		Flowing				SI	
Date of Test	Hours Tested	Choke Size	Prod'n for Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/12/04							
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)	
SI 785	SI 785			0			
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
To be sold							
30. List Attachments							
None							
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief							
Printed							
Signature		Name		Title		Date	
Tammy Wimsatt		Tammy Wimsatt		Regulatory Specialist		3/25/2004	

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

## Southeastern New Mexico

T. Anhy	T. Canyon
T. Salt	T. Strawn
B. Salt	T. Atoka
T. Yates	T. Miss
T. 7 Rivers	T. Devonian
T. Queen	T. Silurian
T. Grayburg	T. Montoya
T. San Andres	T. Simpson
T. Glorieta	T. McKee
T. Paddock	T. Ellenburger
T. Blinberry	T. Gr. Wash
T. Tubb	T. Delaware Sand
T. Drinkard	T. Bone Springs
T. Abo	T.
T. Wolfcamp	T.
T. Penn	T.
T. Cisco (Bough C)	T.

## Northwestern New Mexico

T. Ojo Alamo	934	T. Penn. "B"
T. Kirtland-Fruitland	1014-2184	T. Penn. "C"
T. Pictured Cliffs	2564	T. Penn. "D"
T. Cliff House	4174	T. Leadville
T. Menefee	4369	T. Madison
T. Point Lookout	4809	T. Elbert
T. Mancos	5144	T. McCracken
T. Gallup	6170	T. Ignacio Otzie
Base Greenhorn	6764	T. Granite
T. Dakota	6868	T. Lewis
T. Morrison		T. Hrfnito. Bnt.
T. Todlito		T. Chacra
T. Entrada		T. Graneros
T. Wingate		
T. Chinle		
T. Permian		
T. Penn "A"		

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Lithology	From	To	Thickness in Feet	Lithology
934'	1014'	White, cr-gr ss.	5144'	6170'		Dark gry carb sh.
1014'	2184'	Gry sh interbedded w/tight, gry, fine-gr ss.	6170'	6764'		Lt gry to bn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh
2184'	2564'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	6764'	6817'		Highly calc gry sh w/thin lmst.
2564'	3274'	Bn-Gry, fine gm, tight ss.	6817'	6868'		Dk gry shale, fossil & carb w/pyrite incl.
3274'	3654'	White, waxy chalky bentonite	6868'	6910'		Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks
3654'	4174'	Gry fn gm silty, glauconitic sd stone w/drak gry shale				
4174'	4369'	ss. Gry, fine-gm, dense sil ss.				
4369'	4809'	Med-dark gry, fine gr ss, carb sh & coal				
4809'	5144'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation				
5144'	6170'					

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  
March 4, 2004

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

WELL API NO. 30-045-31932
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name Randleman
8. Well Number 1B
9. OGRID Number 14538
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

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  
3401 E. 30<sup>th</sup> Street, Farmington, NM 87402  
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, NM

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

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL C Sect 13 Twp 31N Rng 11W Pit type New Depth to Groundwater <50' Distance from nearest fresh water  
well >1000' Distance from nearest surface water >1000' Below-grade Tank Location UL  Sect  Twp  Rng  ;  
feet from the  line and  feet from the  line

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 COMPLETION ☐

OTHER: New Drill Pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND 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 proposes to construct a new drill pit. The new drill pit will be a lined pit as detailed in Burlington's general pit construction plan dated April 26, 2004 on file at the NMOCD office.

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 Joni Clark TITLE Regulatory Specialist DATE 6/3/04  
Type or print name Joni Clark E-mail address: jclark@br-inc.com Telephone No. 326-9700

(This space for State use)

APPROVED BY Denny Hunt TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUN 4 2004  
Conditions of approval, if any:



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  
March 4, 2004

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

WELL API NO. 30-045-31932
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE X <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Randleman
8. Well Number #1B
9. OGRID Number 14538
10. Pool name or Wildcat Blanco Mesaverde 72319

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

2. Name of Operator  
Burlington Resources Oil & Gas LP

3. Address of Operator  
P.O. Box 4289, Farmington, NM 87499-4289

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.)

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL Sect Twp Rng Pit type Depth to Groundwater Distance from nearest fresh water well  
Distance from nearest surface water Below-grade Tank Location UL Sect Twp Rng ;  
feet from the line and feet from the line

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 COMPLETION ☐

OTHER: C/O X ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

Plans are to Cleanout the subject well as per the attached procedure and wellbore diagram.

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 6/3/04

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

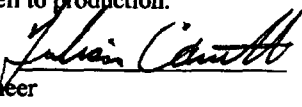
(This space for State use)

APPROVED BY Chad R TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 5 DATE JUN - 4 2004

**Randleman #1B**  
Dakota  
725' FNL, 2390' FWL  
Unit C, Section 13, T31N, R11W  
Latitude / Longitude: 36° 54.2' / -107° 56.54'  
DPNO: 84643401

Cleanout Repair Procedure 05/26/2004

1. Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify BROG Regulatory and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and set slickline plug in F-nipple. ND wellhead and NU 5M Double, mud cross, single BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. The 2-3/8", 4.70#, J-55 tubing is set at 4140' (3-7/8" bit on bottom). Release donut, TOOH with tubing. Visually inspect tubing for corrosion and replace any bad or perforated joints.
4. TIH with 3-7/8" bit to COTD 6910', cleaning out with N2. TOOH with tubing. **NOTE: If a catastrophic event occurs during cleanout operations contact Drilling Manager and Operations Engineer for possible P&A procedure. If cleanout operations occur without any problems contact Drilling Manager and Operations Engineer for possible gyro survey and deeping procedure.**
5. TIH with an expendable check, a seating nipple, 1 jt 2-3/8", a 2' x 2-3/8" sub and 1/2 of the 2-3/8" production string. Run a broach on sandline to insure that the tubing is clear. TIH with remaining tubing and broach this tubing. Replace any bad joints. If hole conditions permit, land tubing at 5025' (below the MV and above the Mancos). If not possible, land tubing at +/- 4140'.
6. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate N2 to assure that expendable check has pumped off. Obtain pitot gauge up the tubing. If well will not flow on its own, make swab run to SN. **During cleanout operations the reservoir may be charged with N2. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** RD and MOL. Return well to production.

Recommended:   
Operations Engineer

Approved:   
Sr. Rig Supervisor

Operations      Julian Carrillo  
Engineers      599-4043(Office)  
                    320-0321(Cell)

Jay Paul McWilliams  
324-6146 (Office)  
320-2586 (Cell)

## Pertinent Data Sheet Randleman #1B

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

**ELEVATION:** 5862' GL, 5874' KB  
**API:** 3003927569

**FIELD:** Blanco Mesaverde/Basin Dakota

**PBTD:** 4,121'  
**TD:** 6,910'

**LATITUDE:** 36 Deg. 54.22 Min.  
**LONGITUDE:** 107 Deg. 56.54 Min.

**SPUD DATE:**

**COMPLETION DATE:** Pending

### CASING RECORD:

<u>HOLE SIZE</u>	<u>CASING SIZE</u>	<u>WEIGHT (#s) &amp; GRADE</u>	<u>DEPTH SET</u>	<u>DVT</u>	<u>CMT TOP</u>
12-1/4"	9-5/8"	32.3, H-40	144'	N/A	Surface
8-3/4"	7"	20, J-55	2,752'	1884	Surface
6-1/4"	4-1/2"	11.6, N80	4,124'	1895'/4030'	Surface

### TUBING RECORD (proposed):

<u>TUBING SIZE</u>	<u>WEIGHT (#s) &amp; GRADE</u>	<u>DEPTH SET</u>	<u>BHA</u>
2-3/8"	4.7#, J-55, EUE	TBD	

### FORMATION TOPS:

Ojo Alamo	899'	Chacra	3619'	Gallup	6170'
Kirtland	979'	Upper Cliff House		Greenhorn	6764'
Fruitland	2149'	Mass. Cliff. House	4139'	Graneros	6817'
Pictured Cliffs	2529'	Menefee	4334'	Dakota	6868'
P.C. Main	'	Point Lookout	4774'	Morrison	
Lewis	'	Mancos	5109'		
Huer.Bent.*	3239				

\*300 ft above Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (North of Chacra Line)

### LOGGING RECORD:

Cased Hole: Open Hole: none

### STIMULATION (proposed):

<u>Stage:</u>	<u>Formation:</u>	<u>Sand Vol:</u>	<u>Rate:</u>	<u>Type:</u>
1	Dakota			
2	Menefee / Point Lookout			
3	Cliffhouse / Menefee			

### Workover History:

None

# 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'

## Current 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 @ 4,140'  
F-Nipple at 4,105'  
3 7/8" bit on bottom  
Bit sub, tail jt, f-nipple, 2' pup  
Tail jt above bit sub perforated  
with 60 shots

DV TOOL (4 1/2") @ 4,030' →

### Production Casing/Liner:

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

Open Hole Section  
6 1/4"

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

Ojo Alamo	0,899'
Kirtland	0,979'
Fruitland	2,149'
Pictured Cliffs	2,529'
PC.main	0,000'
Lewis	0,000'
Huer.Bent.*	3,239'
Chacra	3,619'
Upper Cliff House	
Mass.Cliff House	4,139'
Menefee	4,334'
Point Lookout	4,774'
Mancos	5,109'
Gallup	6,170'
Greenhorn	6,764'
Graneros	6,817'
Dakota	6868

# 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 @ 5025'  
BHA: Expendable check, SN, 1 full jt, 2' pup jt

2,752'  
DV TOOL (4 1/2") @ 4,030' →

### Production Casing/Liner:

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

Open Hole Section  
6 1/4"

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

Ojo Alamo	0,899'
Kirtland	0,979'
Fruitland	2,149'
Pictured Cliffs	2,529'
PC.main	0,000'
Lewis	0,000'
Huer.Bent.*	3,239'
Chacra	3,619'
Upper Cliff House	
Mass.Cliff House	4,139'
Menefee	4,334'
Point Lookout	4,774'
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Gallup	6,170'
Greenhorn	6,764'
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Dakota	6868

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  
Revised May 08, 2003

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.

30-045-31932

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Randleman

8. Well Number

1B

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

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

PO Box 4289, Farmington, NM 87499

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND 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.

6/2/04 MIRU. ND WH. NU BOP. SDON.

6/3/04 TOO H w/tbg. TIH w/bit. CO to 4750'. SDON.

6/4/04 TIH to 4750'. Circ & CO to 4914'. Stuck bit, work loose. Flow well.

6/7/04 TIH to 4914'. Circ & CO to 5565', hole collapsed, work pipe up hole to 5550', stuck bit @ 5550'. Unable to circ or rotate. SDON.

6/8/04 Work pipe free, PUH to 5370'. Circ. TIH, CO to 5719'. Hole packed off, work pipe up hole to 5689', unable to circ. Work stuck pipe. SDON.

6/9/04 Work pipe free, PUH to 5699'. Circ & CO open hole @ 5699-6343'. Hole packed off, work bit up hole to 6313'. Work pipe free. CO @ 6313-6653', hole wet, stuck pipe. Work stuck pipe. Unable to rotate. SDON.

6/10/04 Rotate pipe, unable to move up or down. Est circ, hole packed off. Work stuck pipe. Shut-in well. SDON.

6/11/04 Make up gyro tools. Run gyro survey @ 6600' to surface. TOO H. Surge well, work stuck pipe, no movement. SDON.

6/14/04 (Verbal approval from Charlie Perrin, OCD, to perf tbg & produce up tbg). Surge well, work stuck pipe. ND BOP, strip over tbg, lay down same. Set slips, cut off tbg. NU spool & tbg head. RD blooie line, tbg landed w/bit @ 6653' w/SN @ 6620'. SDON.

6/15/04 TIH w/perf gun, equalize csg & tbg @ 400 psi. Perf 40 holes in 2-3/8" tbg @ 6639'. Unable to move guns after perf. Work stuck gun w/wireline, pressure up w/air, unable to move guns, pull out of rope socket. Flow back.

6/16/04 Shut well in, hook up flow line, turn well over to production. RD. Rig released.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tammy Jones TITLE Regulatory Specialist DATE 6/29/2004

Type or print name Tammy Jones

Telephone No. (505) 326-9700

(This space for State use)

APPROVED BY Chad R TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 5 DATE JUN 30 2004

Conditions of approval, if any:

**Randleman #1B****30-045-31932**

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'

**Current 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 @ 6,653'

F-Nipple at 6627'

3 7/8" bit on bottom

Bit sub, tail jt, f-nipple, 2' pup

Tail jt above bit sub perforated  
with 40 shots

DV TOOL (4 1/2") @ 4,030' →

**Production Casing/Liner:**

4-1/2" 11.6# N80

Set At: 4,124'

TOC At: Surface

Stretch calculations show  
tubing to be stuck at 5400'  
assume to be debris blown up  
hole, has sealed off casing from  
5400' to surfaceOpen Hole Section  
6 1/4"Casing TD= 4,124'  
TD= 6,910'

Ojo Alamo	0,899'
Kirtland	0,979'
Fruitland	2,149'
Pictured Cliffs	2,529'
PC.main	0,000'

Lewis	0,000'
Huer.Bent.*	3,239'
Chacra	3,619'
Upper Cliff House	
Mass.Cliff House	4,139'
Menefee	4,334'
Point Lookout	4,774'
Mancos	5,109'
Gallup	6,170'
Greenhorn	6,764'
Graneros	6,817'
Dakota	6868

19' of 1 11/16" guns stuck in hole in  
bottom joint

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-104B  
Permit 10710

Change of Operator Name

OGRID: 14538  
Effective Date: 12/31/2000

Previous Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS CO  
Address: PO Box 4289  
Address: \_\_\_\_\_  
City, State, Zip: Farmington, NM 87499

New Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS COMPANY LP  
Address: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the certified list of wells is true to the best of my knowledge and belief.

Signature: Alan Alexander  
Printed Name: ALAN ALEXANDER  
Title: SENIOR LARD ADVISOR  
Date: 5/4/05 Phone: 505-326-9757

**NMOCD Approval**

Electronic Signature: David Brooks  
District: District IV  
Date: May 04, 2005



State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

Form C-104B  
Permit 10710

Change of Operator Name

OGRID: 14538  
Effective Date: 12/31/2000

Previous Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS  
CO  
Address: PO Box 4289  
Address:  
City, State, Zip: Farmington, NM 87499

New Operator Name and Information

Name: BURLINGTON RESOURCES OIL & GAS  
COMPANY LP  
Address:  
Address:  
City, State, Zip:

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the certified list of wells is true to the best of my knowledge and belief.

Signature: Alan Alexander  
Printed Name: ALAN ALEXANDER  
Title: SENIOR LARD ADVISOR  
Date: 5/4/05 Phone: 505-326-9757

NMOCD Approval

Electronic Signature: David Brooks  
District: District IV  
Date: May 04, 2005

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

May 27, 2004

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-045-31932
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP		6. State Oil & Gas Lease No. FEE
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402		7. Lease Name or Unit Agreement Name Randleman
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 County San Juan, NM		8. Well Number 1B
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 14538
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Basin Fruitland Coal
Pit type Workover Depth to Groundwater <50' Distance from nearest fresh water well >1000' Distance from nearest surface water <1000' Pit Liner Thickness: 12 mil Below-Grade Tank: Volume bbls; Construction Material		

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

#### NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

#### SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

OTHER:

Workover ☒

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 proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

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 Joni Clark TITLE Senior Regulatory Specialist DATE 6/22/2005

Type or print name Joni Clark E-mail address: jclark@br-inc.com Telephone No. 326-9700

For State Use Only

APPROVED BY A. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST 89 DATE JUN 23 2005

Conditions of Approval (if any):

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 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  
May 27, 2004

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

WELL API NO. 30-045-31932
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name Randleman
8. Well Number #1B
9. OGRID Number 14538
10. Pool name or Wildcat Fruitland Coal

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  
3401 E. 30<sup>th</sup> Street, Farmington, NM 87402

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 County San Juan

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

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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: Recompletion ☒

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.

It is intended to recomplete the Randleman #1B as a Fruitland Coal producer, as shown on the attached procedures.

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 Joni Clark TITLE Senior Regulatory Specialist DATE 6/22/05

Type or print name Joni Clark

E-mail address: jclark@br-inc.com

Telephone No. 505-326-9701

For State Use Only

APPROVED BY: H. Villanueva

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 8

DATE JUN 23 2005

Conditions of Approval (if any):



### **Randleman #1B**

725' FNL & 2390' FWL

Unit C Sec 13 T31N R11W

Lat: N36° 54.22 Long: W107° 56.54

API 3004531932000

1. MIRU completion rig and cementing company.
2. **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.
3. RU wireline and run CBL from 6627' to 6000' to verify cement top. RD wireline. Freepoint the 2 3/8" tubing and chemical cut at +/- 5300' or wherever found to be free, whichever is deeper.
4. TOO H with 2 3/8" tubing.
5. **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 TOO H with tubing. WOC for four hours and TIH to tag cement plug. Pump additional cement as necessary to get cement top to 5059'.
6. **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 1/2" casing shoe. Release from fiberglass sub and TOO H with tubing WOC for a minimum of four hours and TIH to tag cement plug. Pump additional cement as necessary to get cement top to 4074'.
7. Load the hole and pressure test the casing to 500 psi.
8. **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 FTC recomplete. 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.
9. Set cast iron bridge plug at +/- 2600'.
10. Pressure test casing to +/-5000 psi for 15 minutes.
11. Perforate and fracture stimulate the Fruitland Coal formation.
12. Flow back well. Clean out as required.
13. Land tubing as a FC only producer and return well to production.

