

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA - 04375 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Reid A 9. Well Number #100	
4. Location of Well Surf: Unit A (NENE), 1135 FNL & 880' FEL SURF: Latitude 36° 50.7551 N Longitude 108° 08.9612 W	10. Field, Pool, Wildcat Basin FC/FloraVista FS 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T30N, R13W API # 30-045-34246	
14. Distance in Miles from Nearest Town 6 mile/Farmington	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 880'	17. Acres Assigned to Well FC - 319.7, FS 159.7 (E/2) (NEH)	
16. Acres in Lease	17. Acres Assigned to Well FC - 319.7, FS 159.7 (E/2) (NEH)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 200' Reid A #1	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 2297'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 5864' GL	RCVD JUN27'07 OIL CONS. DIV. DIST. 3	
23. Proposed Casing and Cementing Program See Operations Plan attached	3-19-07 Date	
24. Authorized by: Rhonda Rogers (Regulatory Technician)	3-19-07 Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

Example Master Plan Type 2

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

210 FARM ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 - 34246		*Pool Code 71629/76600	*Pool Name Basin Fruitland Coal/FloraVistaFruitland Sand
*Property Code 18608	*Property Name REID A		*Well Number 100
*OGAID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 5864'


10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	1	30N	13W	①	1135	NORTH	880	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 319.7 FC 159.7 FS E/2					13 Joint or Infill		14 Consolidation Code		15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>1285.68'</p> <p>LOT 4</p> <p>1304.82'</p> <p>1305.15'</p> <p>1305.15'</p>	<p>5291.88'</p> <p>LOT 3</p>	<p>LOT 2</p> <p>1765'</p> <p>LAT: 36° 8' 45.92" N LONG: 108° 14' 59.8" W DATUM: NAD83</p> <p>1</p> <p>LAT: 36° 50' 7.551" N LONG: 108° 08' 56.12" W DATUM: NAD27</p>	<p>1135'</p> <p>LOT 1</p> <p>1315.38'</p> <p>880'</p> <p>1490'</p> <p>1316.04'</p> <p>2626.80'</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Rhonda Rogers</i> 1/10/2007 Signature Date Rhonda Rogers Printed Name</p> <p>18 SURVEYOR CERTIFICATION</p> <p>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</p> <p>Survey Date: DECEMBER 19, 2006</p> <p>Signature and Seal of Professional Surveyor</p> <p></p> <p><i>JASON C. EDWARDS</i> Certificate Number 15269</p>

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-045- <u>34246</u>
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	USA NM-04375
7. Lease Name or Unit Agreement Name	Reid A
8. Well Number	100
9. OGRID Number	14538
10. Pool name or Wildcat	Basin Fruitland Coal / Flora Vista Fruitland Sand

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. 30TH STREET, FARMINGTON, NM 87402

4. Well Location
Unit Letter A : 1135' feet from the North line and 880' feet from the East line
Section 1 Township 30N Rng 13W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5864'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type New Drill 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 Synthetic

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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 type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <u>New Drill</u> <input checked="" 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.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit, an associated vent/flare pit and a pre-set mud pit (if required). Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and pre-set mud pit will be lined pits 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 Rhonda Rogers TITLE Regulatory Technician DATE 3/15/2007

Type or print name Rhonda Rogers E-mail address: rrogers@br-inc.com Telephone No. 505-326-9701

For State Use Only

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE JUN 29 2007

Conditions of Approval (if any):

CONSTRUCTION ZONE



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

REID A 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7004		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 580		State: NM	County: SAN JUAN
Geoscientist: Clark, Dave D		Phone: 505-326-9762		Prod. Engineer: Phone:	
Res. Engineer: Schlabaugh, Jim L		Phone: 505-326-9788		Proj. Field Lead: Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
2035	FRUITLAND COAL				
RCO087	FRUITLAND SAND(RCO087)				

Location: Surface		Datum Code: NAD 27			Straight Hole	
Latitude: 36.845918	Longitude: -108.149353	X:	Y:	Section: 01	Range: 013W	
Footage X: 880 FEL	Footage Y: 1135 FNL	Elevation: 5864	(FT)	Township: 030N		
Tolerance:						
Location Type: Year Round		Start Date (Est.):		Completion Date:		Date In Operation:
Formation Data: Assume KB = 5876 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5756	<input type="checkbox"/>			8-3/4" hole. 7" 20.0 ppf J-55, STC casing. Circulate cement to surface. Cement with 50 cuft.
OJO ALAMO	339	5537	<input type="checkbox"/>			Possible Water
KIRTLAND	434	5442	<input type="checkbox"/>			
FRUITLAND	1659	4217	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2047	3829	<input type="checkbox"/>			Gas
Total Depth	2297	3579	<input type="checkbox"/>	350		6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Circulate cement to surface. Cement with 353 cuft.

Reference Wells:		
Reference Type	Well Name	Comments

Logging Program:					
Intermediate Logs: <input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo					
TD Logs: <input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other					
GR/CBL					
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - FCNM030N013W01NE1 and FSNM030N013W01NE1 Twin well is Reid A 1 NE01-30N-13W.

Zones - FCNM030N013W01NE1 and FSNM030N013W01NE1

General/Work Description - MAKE SURE COST INCLUDE JET PUMP.