

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 22 2011

Farmington Field Office  
Bureau of Land Management

ROAD APR 13 '11  
OIL CONS. DIV.  
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-078884 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name <b>NMN-78383A</b> Canyon Largo Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Canyon Largo Unit 9. Well Number 42	
4. Location of Well Surface: Unit L(NWSW), 1855' FSL & 795' FWL  Surface: Latitude: 36.412233° N (NAD83) Longitude: 107.425346° W	10. Field, Pool, Wildcat Blanco Pictured Cliffs  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T25N, R6W  API # 30-039- <b>31030</b>	
14. Distance in Miles from Nearest Town 51.2 from Bloomfield, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 795'	17. Acres Assigned to Well 160 Acres SW/4 (PC)	
16. Acres in Lease 2,560 Acres		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 71' from BRO&G Canyon Largo Unit #240		
19. Proposed Depth 3076'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6788' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Brandie Blakley</u> Brandie Blakley (Staff Regulatory Technician)	<u>2-17-11</u> Date	

PERMIT NO.                      APPROVAL DATE                       
APPROVED BY *[Signature]* TITLE AFM DATE 4/11/11

Archaeological Report attached A gas recovery unit may or may not be used on this location.

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 Bond Numbers NMB-000015 and NMB-000089

BLM'S APPROVAL OR ACCEPTANCE OF THIS  
ACTION DOES NOT RELIEVE THE LESSEE AND  
OPERATOR FROM OBTAINING ANY OTHER  
AUTHORIZATION REQUIRED FOR OPERATIONS  
ON FEDERAL AND INDIAN LANDS

NMOCD

APR 20 2011

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".  
This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4

PC

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FEB 22 2011

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 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  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-31030</b>	<sup>2</sup> Pool Code <b>72439</b>	<sup>3</sup> Pool Name <b>Blanco PICTURED CLIFFS South</b>
<sup>4</sup> Property Code <b>6886</b>	<b>CANYON LARGO UNIT</b>	<sup>5</sup> Well Number <b>42</b>
<sup>6</sup> GRID No. <b>14538</b>	<sup>7</sup> Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b>	<sup>8</sup> Elevation <b>6788'</b>

#### <sup>10</sup> Surface Location

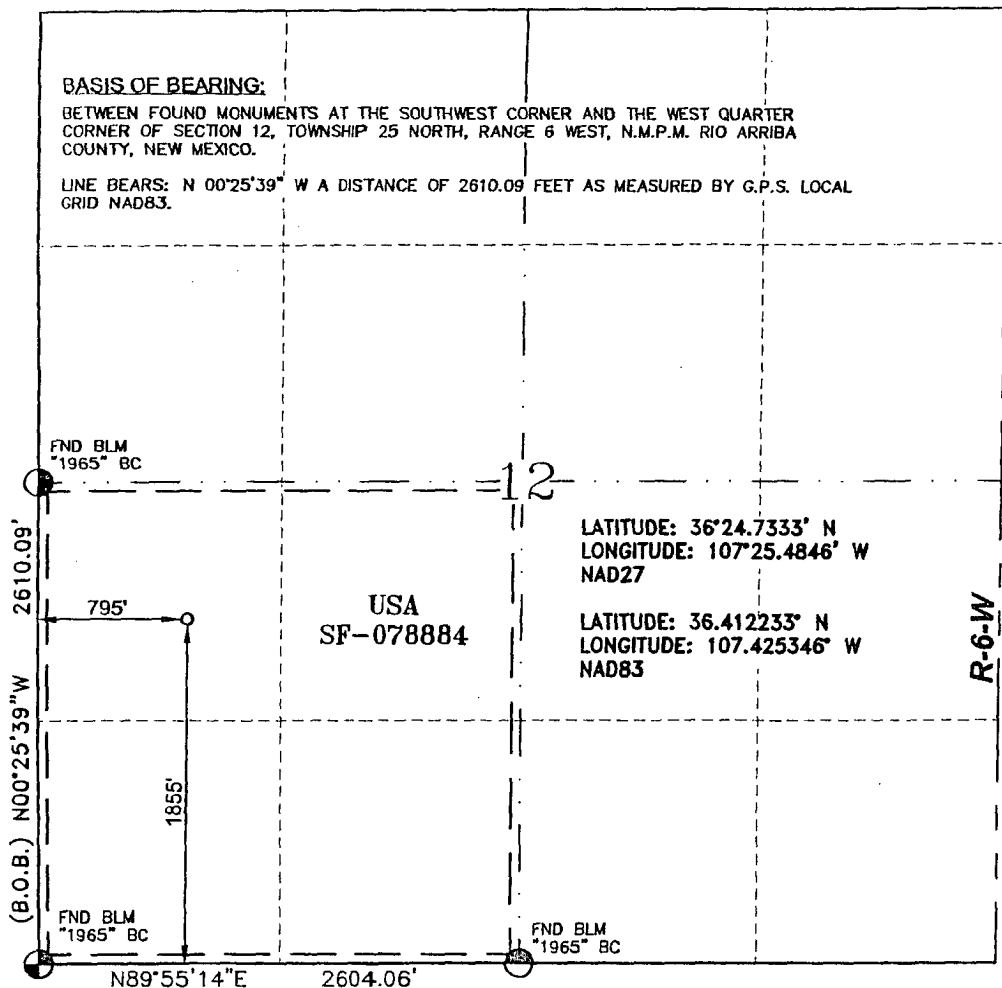
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	12	25-N	6-W		1855	SOUTH	795	WEST	RIO ARriba

#### <sup>11</sup> 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
L									
<sup>12</sup> Dedicated Acres PC 160.00 ACRES SW/4			<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

16



#### 17 OPERATOR CERTIFICATION

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Brandie Blakley*  
Signature

**Brandie Blakley**  
Printed Name

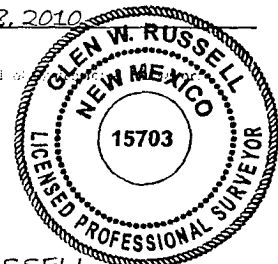
2-17-11

#### 18 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.

**JANUARY 28, 2010**  
Date of Survey

Signature and Seal of



**GLEN W. RUSSELL**  
Certificate Number

**15703**

## PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 42

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9391		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: RIO ARriba
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					

Zone	Zone Name
R20003	PICTURED CLIFFS(R20003)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.412222	Longitude: -107.424743	X:	Y:	Section: 12	Range: 006W
Footage X: 795 FWL	Footage Y: 1855 FSL	Elevation: 6788	(FT)	Township: 025N	
Tolerance:					

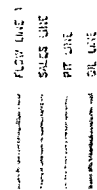
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6803		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6683		<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	2265	4538		<input type="checkbox"/>			
KIRTLAND	2470	4333		<input type="checkbox"/>			
FRUITLAND	2522	4281		<input type="checkbox"/>			Gas
PICTURED CLIFFS	2876	3927		<input type="checkbox"/>	414		Gas; TD - 200' below T/PCCF
Total Depth	3076	3727		<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 412 cuft. Circulate cement to surface.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Canyon Largo Unit 186	25N 6W 11 SW NE NE
Production	Canyon Largo Unit 288	25N 6W 13 SE NW NW
Production	Canyon Largo Unit 240	25N 6W 12 SE NW SW

<b>Logging Program:</b>	
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
Cased Hole GR / CBL	

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks



10  
11  
12  
13  
14  
15

ConocoPhillips

SAN JUAN BUSINESS UNIT

[illegible][illegible]

Directions from the Intersection of  
Hwy 550 & Hwy 64 in Bloomfield, NM

To:

**Burlington Resources Oil & Gas Company LP**  
**CANYON LARGO UNIT #42**

1855' FSL & 795' FWL,  
Section 12, T25N, R6W, N.M.P.M., Rio Arriba,  
New Mexico

Latitude: 36° 24' 44.038" N

Longitude: 107° 25' 31.244" W  
NAD 1983

Take Hwy 550 (south) for 1.0 miles to CR 4900  
turn left (easterly) on CR 4900 15.0 miles to 5 Mile Bridge,  
stay right @ intersection (southeasterly) for 3.2 miles,  
across 10 mile bridge continue (southeasterly) 18.2 miles  
to Old Largo Canyon School,  
Turn right (southeasterly) 2.5,  
along Canyon Largo Wash 2.5 miles,  
turn left (easterly) across Largo Wash 2.8 miles,  
Turn hard right (westerly) 1.6 miles,  
To the top of Gonzales Mesa,  
Continue along road (southeast) 3.3 miles,  
Turn left (east) 0.15 miles,  
Turn right (southerly) 1.0 miles,  
to the newly staked location twinned on existing well pad,  
CANYON LARGO UNIT #240.