

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JAN 8 '10
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	DEC 14 2009 Bureau of Land Management Farmington Field Office	5. Lease Number SF-078885 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 Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 9. Well Number 250P
4. Location of Well Surf: Unit O(SWSE), 720' FSL & 2122' FEL Surf: Latitude: 36.423501° N (NAD83) Longitude: 107.417395° W		10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 1, T25N, R6W API # 30-039-30878
14. Distance in Miles from Nearest Town 39 miles / Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 720'		
16. Acres in Lease 2,403.320	17. Acres Assigned to Well 320.00 E/2 (MV/DK) 20 CM	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 613' from Canyon Largo Unit 152 (CH)		
19. Proposed Depth 7339'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6725' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	12/14/2009 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 4

Bond Numbers NMB-000015 and NMB-000089

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

JAN 13 2010

NMOC

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

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

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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

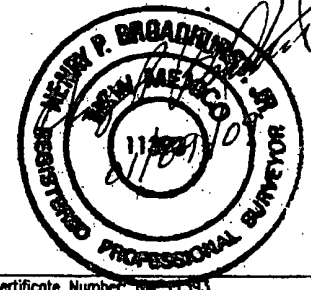
State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 7 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30878		² Pool Code 71599/72319		³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE	
⁴ Property Code 6886		⁵ Property Name CANYON LARGO UNIT			⁶ Well Number 250P
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 6725
¹⁰ SURFACE LOCATION					
UL or lot no. O	Section 1	Township 25-N	Range 6-W	Lot Idn	Feet from the 720
				North/South line SOUTH	Feet from the 2122
				East/West line EAST	County RIO ARRIBA
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. O	Section	Township	Range	Lot Idn	Feet from the
					North/South line
					Feet from the
					East/West line
					County
¹² Dedicated Acres 320.20 (E/2)		¹³ Joint or Infill 2	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

¹⁶ <div style="display: flex; justify-content: space-around;"> LOT 4 LOT 3 LOT 2 LOT 1 </div> <div style="text-align: center; margin-top: 20px;"> E/2 DEDICATED ACREAGE SF-078885 SECTION 1, T-25-N, R-6-W </div> <div style="text-align: center; margin-top: 20px;"> WELL FLAG NAD 83 LAT: 36.423501° N LONG: 107.417395° W NAD 27 LAT: 36°25.409438' N LONG: 107°25.007570' W </div> <div style="position: relative; height: 150px;"> <div style="position: absolute; left: 0; bottom: 0; transform: rotate(-90deg);">720'</div> <div style="position: absolute; right: 0; bottom: 0; transform: rotate(90deg);">2122'</div> <div style="position: absolute; right: 0; top: 0;">2634.1' (E) 2634.6' (N)</div> <div style="position: absolute; right: 0; bottom: 0;">N 1°45' E N 1°29' 07" E</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>BLM 1965 S 89°38' W S 89°24'34" W</div> <div>5262.8' (R) 5258.5' (M)</div> <div>BLM 1964</div> </div>				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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <div style="text-align: right; margin-top: 10px;"> <i>Crystal Tafoya</i> 1/15/09 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address January 15th, 2009 Date </div>	
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. <div style="margin-top: 10px;"> Date of Survey: 12/30/08 Signature and Seal of Professional Surveyor: </div> <div style="text-align: center; margin-top: 20px;">  </div> <div style="margin-top: 10px;"> Certificate Number: RA-11393 </div>					

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 250P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8475			AFE \$: 1,210,209.88	
Field Name: SAN JUAN		Rig: XXX 2010 Holding		State: NM	County: RIO ARRIBA	API #:
Geologist:	Phone:	Geophysicist:		Phone:		
Geoscientist:	Phone:	Prod. Engineer:		Phone:		
Res. Engineer:	Phone:	Proj. Field Lead:		Phone:		
Primary Objective (Zones):						
Zone	Zone Name					
FRR	BASIN DAKOTA (PRORATED GAS)					
RON	BLANCO MESAVERDE (PRORATED GAS)					
Location: Surface Datum Code: NAD 27 System: NAD 83						
Latitude: 36.423490		Longitude: -107.416792		X:	Y:	Section: 01 Range: 006W
Footage X: 2122 FEL		Footage Y: 720 FSL		Elevation: 6725 (FT)		Township: 025N
Tolerance:						
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6737 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	320	6417	<input type="checkbox"/>			320' 8 5/8" 24 ppf, J-55, STC casing. Cement with 226 cuft. Circulate cement to surface.
OJO ALAMO	2279	4458	<input type="checkbox"/>			
KIRTLAND	2447	4290	<input type="checkbox"/>			
FRUITLAND	2467	4270	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2872	3865	<input type="checkbox"/>			
LEWIS	2932	3805	<input type="checkbox"/>			
HUERFANITO BENTONITE	3272	3465	<input type="checkbox"/>			
CHACRA	3730	3007	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	4517	2220	<input type="checkbox"/>			
MENEFEE	4532	2205	<input type="checkbox"/>			
POINT LOOKOUT	5072	1665	<input type="checkbox"/>	1015		GAS
MANCOS	5414	1323	<input type="checkbox"/>			
UPPER GALLUP	6125	612	<input type="checkbox"/>			
GREENHORN	7022	-285	<input type="checkbox"/>			
GRANEROS	7075	-338	<input type="checkbox"/>			
TWO WELLS	7120	-383	<input type="checkbox"/>	2840		Gas
UPPER CUBERO	7222	-485	<input type="checkbox"/>			
LOWER CUBERO	7256	-519	<input type="checkbox"/>			
OAK CANYON	7282	-545	<input type="checkbox"/>			
ENCINAL	7324	-587	<input type="checkbox"/>			
Total Depth	7339	-602	<input type="checkbox"/>			7 7/8" hole, 4-1/2" 11.6 ppf, L-80 LTC casing. Cement with 2159 cuft. Circulate cement to surface.
BURRO CANYON	7352	-615	<input type="checkbox"/>			
Reference Wells:						
Reference Type	Well Name		Comments			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

CANYON LARGO UNIT 250P

DEVELOPMENT

Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Est bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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BURLINGTON RESOURCES OIL & GAS COMPANY LP

CANYON LARGO UNIT #250P

720' FSL, 2122' FEL

SECTION 1, T-25-N, R-6-W, N.M.P.M.,

RIO ARRIBA COUNTY, NEW MEXICO

NAD 83 LAT.: 36.423501°N LONG.: 107.417395°W

ELEV.: 6725 NAVD88

NEW ACCESS 675.3'

FROM BLANCO, N.M. POST OFFICE:

- GO EAST ON HWY. 64 1.4 MI. TO MILE POST 75.
- TURN RIGHT ON C.R. 4450 (LARGO CANYON) AND CONTINUE 4.0 MI. TO "5 MILE BRIDGE," AND CROSS LARGO WASH.
- GO 21.5 MI. ON SAN JUAN C.R. 4450, BECOMING ARRIBA C.R. 379 AT COUNTY LINE. TURN RIGHT AT OLD SCHOOL HOUSE AND CONTINUE ALONG WEST SIDE OF LARGO WASH.
- GO 2.4 MI. FROM OLD SCHOOL, AND TURN LEFT AT WINDMILL AND RANCH HOUSE, CROSSING LARGO WASH.
- GO 3.0 MI. FROM WINDMILL AND RANCH HOUSE, CROSSING TAPICITO WASH, AND TURN RIGHT, LEAVING TAPICITO CREEK AND BEGIN CLIMB UP ONTO GONZALES MESA.
- GO 2.5 MI. SOUTHEAST ON MAIN ROAD ONTO GONZALES MESA TO WATER TANK ON RIGHT SIDE OF ROAD.
- CONTINUE 2.4 MI. SOUTHEAST FROM WATER TANK ON MAIN ROAD, AND TURN LEFT, GOING EAST.
- GO 0.7 MI. EAST. TURN LEFT (NORTH).
- GO 0.9 MI. BEGIN NEW ACCESS ON LEFT (WEST) AT OLD ACCESS TO P & A WELL CANYON LARGO UNIT #152.