

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 I-149-IND-8464 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe Navajo Nation
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 Bunny ET AL 9. Well Number #1M
4. Location of Well Surf: Unit O(SWSE), 830' FSL & 1900' FEL Surf: Latitude 36.58482° N Longitude 107.77335° W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 10, T27N, R9W API # 30-045-34660
14. Distance in Miles from Nearest Town 15.4 mile/Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 830'	
16. Acres in Lease 320.0	17. Acres Assigned to Well 320 Acres S/2 (MV/DK)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 760' to Bunny Et Al #1	
19. Proposed Depth 6711'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6072' GR	22. Approx. Date Work will Start 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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Crystal Walker</u> Crystal Walker (Regulatory Technician)	<u>2/21/08</u> Date

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE AFM DATE 3/10/11

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 3 Bond Numbers NMB-000015 and NMB-000089

MAR 30 2011

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

NMOCD [Signature]

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

RCVD MAR 17 '11
OIL CONS. DIV.
DIST. 3

DISTRICT IV
1220 South 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

FEB 21 2008

Bureau of Land Management
Farmington Field Office ☐

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 34600	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde / Basin Dakota
⁴ Property Code 6869	⁵ Property Name BUNNY ET AL	⁶ Well Number 1M
⁷ OCRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6072

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
0	10	27-N	9-W		830	SOUTH	1900	EAST	SAN JUAN

"Bottom Hole Location If Different From Surface

UL or lot no. 0	Section	Township	Range	Lat Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320 acres S/2 (MV/DK)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

10 LAT: 36.58482° N. (NAD 83) LONG: 107.77335° W. (NAD 83) LAT: 36°35.0887' N. (NAD 27) LONG: 107°46.3642' W. (NAD 27) I-149-IND-8464 FD 2 1/2" BC 1947 GLO	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. <i>Rhonda Rogers</i> 2/9/20 Signature Date Rhonda Rogers Printed Name FD 2 1/2" BC 1947 GLO
10 LAT: 36.58482° N. (NAD 83) LONG: 107.77335° W. (NAD 83) LAT: 36°35.0887' N. (NAD 27) LONG: 107°46.3642' W. (NAD 27) I-149-IND-8464 FD 2 1/2" BC 1947 GLO	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plot 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 19, 2007 Date of Survey <i>Roy A. Ruskin</i> Signature and Seal of Professional Surveyor FD 2 1/2" BC 1947 GLO

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BUNNY ET AL 1M

DEVELOPMENT

Lease:		AFE #: WAN.ZA2.7965D/7966M		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Bearcat Rig 4		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
RON	BLANCO MESAVERDE (PRORATED GAS)				
R20076	DAKOTA(R20076)				
Location:					
Datum Code: NAD 27		Section: 10			
Latitude: 36.584845	Longitude: -107.772852	X:	Y:	Range: 009W	
Footage X: 4935 FEL	Footage Y: 845 FSL	Elevation: 6071 (FT)	Township: 027N		
Tolerance: 1400		830			
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6083 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
SURFACE CSG	320	5763	☐		
OJO ALAMO	1173	4910	☐		
KIRTLAND	1298	4785	☐		
FRUITLAND	1890	4193	☐		
PICTURED CLIFFS	2120	3963	☐		
LEWIS	2238	3845	☐		
HUERFANITO BENTONITE	2583	3500	☐		
CHACRA	3002	3081	☐		
MASSIVE CLIFF HOUSE	3653	2430	☐		
MENEFEE	3750	2333	☐		
MASSIVE POINT LOOKOUT	4378	1705	☐	550	
MANCOS	4738	1345	☐		
UPPER GALLUP	5570	513	☐		
GREENHORN	6356	-273	☐	1800	
GRANEROS	6415	-332	☐		
TWO WELLS	6460	-377	☐		
PAGUATE	6528	-445	☐		
CUBERO	6592	-509	☐		
ENCINAL	6674	-591	☐		
Total Depth	6711	-628	☐		
12-1/4" hole. 8-5/8" 24 ppf, J-55, STC casing. Cement with 319 cuft. Circulate cement to surface.					
7-7/8" hole. 4-1/2", 11.6 L-80 LTC casing. Cement with 2000 cuft. Circulate cement to surface.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

BUNNY ET AL 1M

DEVELOPMENT

Logging Program:

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

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

GR/CBL

Additional Information:

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

**Directions from the Post Office
In BLANCO, NM to**

Burlington Resources Oil & Gas Company LP BUNNY ET AL No. 1M

830' FSL & 1900' FEL, Section 10, T-27-N, R-9-W, N.M.P.M., San Juan County, New Mexico

From the Post Office in Blanco, NM

Travel east on Hwy 64 and go 1.4 miles.

Turn right on CR 4450 (Largo Canyon Road) and go southeasterly 3.6 miles.

Take fork to the right and go 0.6 miles, crossing bridge.

Stay to the left on CR 4450 and continue southeasterly 2.9 miles.

Turn right on CR 7007 and go southwesterly 5.1 miles.

Turn right on CR7225 (NCM) and go westerly 1.7 miles to new access on left.

Turn right and go northwesterly 0.2 miles.

New access continues southwesterly 220'.