


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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FEB 28 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	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	5. Lease Number USA SF-078197 Unit Reporting Number Indian, All. or Tribe
1b. Type of Well GAS		
2. Operator Company BURLINGTON RESOURCES Oil & Gas Company LP		7. Unit Agreement Name RCVD APR 13 '11 OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Nye Federal 9. Well Number 2N
4. Location of Well Surf: Unit A (NENE), 678' FNL & 756' FEL Surf: Latitude: 36.74599° N (NAD83) <i>Lot 1</i> Longitude: 107.90176° W		10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 8, T29N, R10W API # 30-045- <i>35256</i>
14. Distance in Miles from Nearest Town 9 Miles from Bloomfield, NM		12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 756'		
16. Acres in Lease 1,504.9 Acres	 H₂S POTENTIAL EXIST	17. Acres Assigned to Well 308.68 Acres (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 111' from BR-Nye #200 (FC)		
19. Proposed Depth 6711'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5793' 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>2-27-11</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 4/7/11

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 3 Bond Numbers ES-0048 and ES-0085

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

APR 20 2011

Ar NMOC

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.2
and appeal pursuant to 43 CFR 3165.4

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. 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

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

RECEIVED

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

FEB 28 2011

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- 35256	² Pool Code 72319/71599	³ Pool Name BLANCO MESAVERDE / BASIN DAKOTA
⁴ Property Code 7367	⁵ Property Name NYE FEDERAL	⁶ Well Number 2N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5793'

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	8	29N	10W	1	678'	NORTH	756'	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
A									

¹² Dedicated Acres 308.68 ACRES - E/2	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

BASIS OF BEARINGS				FND 3/4" BC BLM 1967		¹⁷ OPERATOR CERTIFICATION	
S 89°29'58" W				5239.97' (M)		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 or a compulsory pooling order heretofore entered by the division.	
S 89°44' W				5243.04' (R)		Signature Brandie Blakley	
4				2		Date 7-13-10	
3				WELL FLAG LAT. 36.74599° N (NAD83) LONG. 107.90176° W (NAD83) LAT. 36°44.75919' N (NAD27) LONG. 107°54.06834' W (NAD27)		Printed Name Brandie Blakley 7-13-10	
5				756'		¹⁸ SURVEYOR CERTIFICATION	
6				1		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.	
7				LEASE # USA SF-078197		JUNE 15, 2010	
8				8		Date of Survey	
12				10		Signature and Seal of Professional Surveyor: DAVID R. RUSSELL	
11				9		DAVID R. RUSSELL NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 10201	
13				15		DAVID RUSSELL	
14				16		Certificate Number 10201	
FND 3/4" BC BLM 1967				N 01°06'34" E N 01°02' E			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE FEDERAL 2N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0058				AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 730		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Straight Hole:							
Latitude: 36.745985		Longitude: -107.901140		X:	Y:	Section: 08	Range: 010W
Footage X: 756 FEL		Footage Y: 678 FNL		Elevation: 5793 (FT)		Township: 029N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5808 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5608		<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	886	4922		<input type="checkbox"/>			
KIRTLAND	1071	4737		<input type="checkbox"/>			
FRUITLAND	1670	4138		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2194	3614		<input type="checkbox"/>			
LEWIS	2292	3516		<input type="checkbox"/>			
HUERFANITO BENTONITE	2974	2834		<input type="checkbox"/>			
CHACRA	3186	2622		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3771	2037		<input type="checkbox"/>			Gas; Est. Top Perf - 3773 (2035)
MASSIVE CLIFF HOUSE	3858	1950		<input type="checkbox"/>	422		Gas; Cliffhouse is wet
MENEFEE	3909	1899		<input type="checkbox"/>			
Intermediate Casing	4059	1749		<input type="checkbox"/>		107	8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 914 cuft. Circulate cement to surface.
POINT LOOKOUT	4466	1342		<input type="checkbox"/>			
MANCOS	4872	936		<input type="checkbox"/>			
UPPER GALLUP	5706	102		<input type="checkbox"/>			
GREENHORN	6456	-648		<input type="checkbox"/>			
GRANEROS	6510	-702		<input type="checkbox"/>			
TWO WELLS	6573	-765		<input type="checkbox"/>	1799		Gas
PAGUATE	6633	-825		<input type="checkbox"/>			
LOWER CUBERO	6691	-883		<input type="checkbox"/>			TD - 20' below T/CBRL
UPPER CUBERO	6691	-883		<input type="checkbox"/>			Est. Btm Perf - 6671 (- 863) based on offset wells
Total Depth	6711	-903		<input type="checkbox"/>		192	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 365 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	6750	-942		<input type="checkbox"/>			
Reference Wells:							

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE FEDERAL 2N

DEVELOPMENT

Reference Type	Well Name	Comments
Production	Grenier B 3E	29N 10W 5 SE NW SE
Production	Nye Federal Com 3	29N 10W 9 SW NW
Production	Nye Federal Com 2	29N 10W 8 SW NE

Logging Program:

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

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

Cased Hole GR / CBL

Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:

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

NYE FEDERAL #2N

678' FNL & 756' FEL

LOCATED IN THE NE/4 NE/4 OF SECTION 8,

T29N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN BLOOMFIELD, TRAVEL EAST ON HIGHWAY 64 FOR 5.6 MILES TO COUNTY ROAD 4785.
- 2) TURN LEFT ONTO A DIRT ROAD AND TRAVEL 2.0 MILES TO AN INTERSECTION.
- 3) CONTINUE NORTH AND TRAVEL 1.0 MILE TO THE EXISTING WELL LOCATION AT THE END OF THE ROAD.

WELL FLAG LOCATED AT LAT. 36.74599° N, LONG. 107.90176° W (NAD 83).

JOB No.: COPC385
DATE: 06/23/10



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637