

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG **RECEIVED**

1a. Type of Work DRILL	5. Lease Number SF-078197 JAN 11 2010 Unit Reporting Number Bureau of Land Management Farmington Field Office	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD JUN 8 '10 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 1N	
4. Location of Well Surf: Unit D(NWNW), 717' FNL & 801' FWL Surf: Latitude: 36.74579° N (NAD83) Longitude: 107.91423° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 8, T29N, R10W API # 30-045- 35083	
14. Distance in Miles from Nearest Town 6 miles / Bloomfield	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 717'	17. Acres Assigned to Well 312.94 - W/2 (MV/DK)	
16. Acres in Lease 1,504.90		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 802' from Nye 3 (PC)		
19. Proposed Depth 6696'	 H₂S POTENTIAL EXIST	
20. Rotary or Cable Tools Rotary		
21. Elevations (DF, FT, GR, Etc.) 5764' 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)	Date <u>1/11/2010</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Montoya

TITLE AFM

DATE 6/7/2010

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

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

JUN 11 2010

NMOC

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

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

DISTRICT I
1025 N. French Dr., Hobbs, N.M. 88240

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

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Bureau of Land Management
Santa Fe, NM 87505 Farmington Field Office

JAN 11 2010
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-35083		Pool Code 72319 / 71599		Pool Name BLANCO MESAVERDE / BASIN DAKOTA	
Property Code 7367		Property Name NYE FEDERAL			Well Number 1 N
UGRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			Elevation 5764'

¹⁰ Surface Location

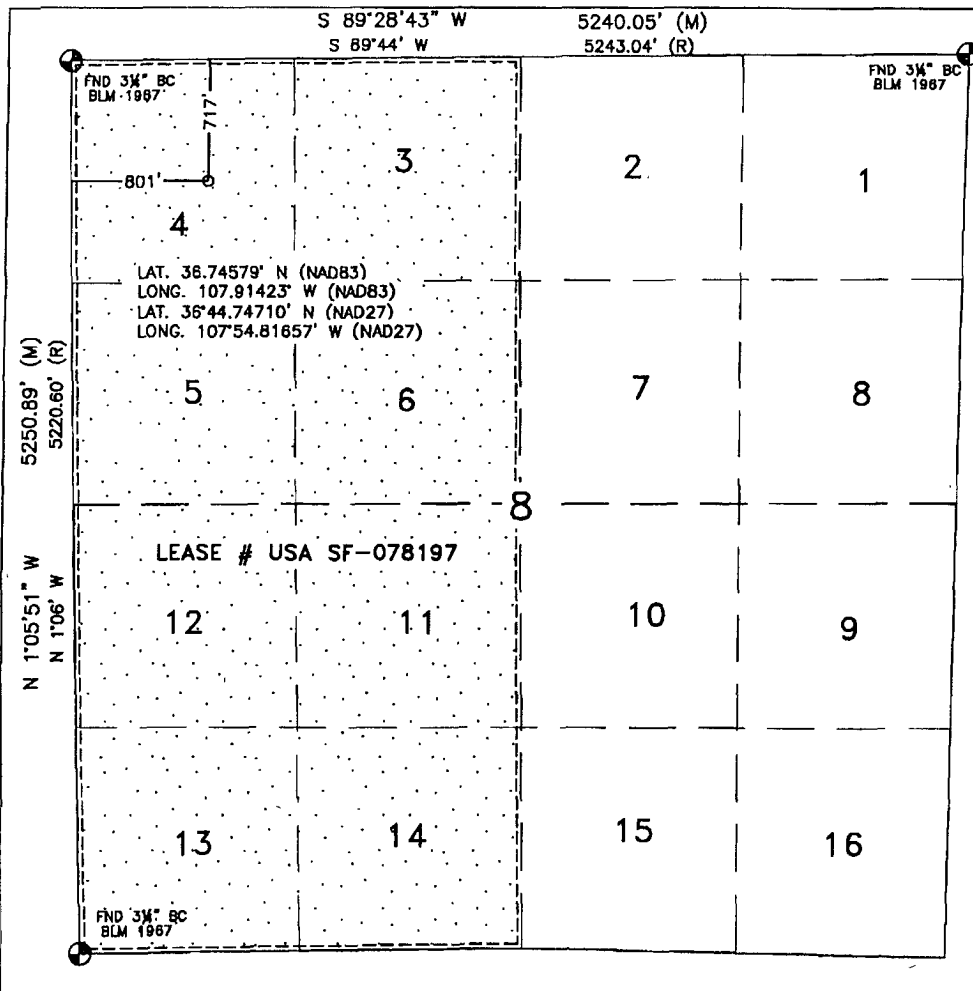
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	8	29N	10W	4	717'	NORTH	801'	WEST	SAN JUAN

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
D									
Dedicated Acres 312.94 ACRES - W/2			Joint or Infill		Consolidation Code		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

18



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 or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 5/1/09
Signature Date

Crystal Tafoya 5-1-09
Printed Name

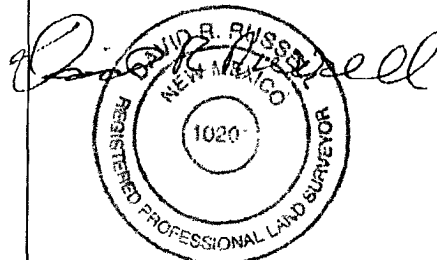
18 SURVEYOR CERTIFICATION

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.

APRIL 16, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE FEDERAL 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9056		AFE \$: 1,290,358.88	
Field Name: SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
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:					
Datum Code: NAD 27					
Latitude: 36.745785	Longitude: -107.913609	X:	Y:	Section: 08	Range: 010W
Footage X: 801 FWL	Footage Y: 717 FNL	Elevation: 5764' (FT)	Township: 029N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 5776 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	320	5456	☐		
320' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 183 cuft. Circulate cement to surface.					
OJO ALAMO	830	4946	☐		
KIRTLAND	1016	4760	☐		
FRUITLAND	1599	4177	☐		Possible Gas
PICTURED CLIFFS	2148	3628	☐		
LEWIS	2238	3538	☐		
HUERFANITO BENTONITE	2959	2817	☐		
CHACRA	3138	2638	☐		
MASSIVE CLIFF HOUSE	3811	1965	☐		
MENEFEE	3853	1923	☐		
Intermediate Casing	4003	1773	☐		
8-3/4" hole, 7" 20 ppf, J-55 ST&C casing. Cement w/ 896 cu.ft. Circulated cement to surface.					
POINT LOOKOUT	4424	1352	☐	455	
MANCOS	4821	955	☐		
UPPER GALLUP	5664	112	☐		
GREENHORN	6400	-624	☐		
GRANEROS	6458	-682	☐		
TWO WELLS	6523	-747	☐	2095	Gas
CUBERO	6635	-859	☐		
Total Depth	6696	-920	☐		
6-1/4" hole, 4-1/2" 11.6 ppf, L-80 LTC casing. Cement with 371 cuft. Circulate cement to 100' inside previous casing.					
ENCINAL	6696	-920	☐		
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE FEDERAL 1N

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 ~Paguete

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 #1 N

717' FNL & 801' FWL

LOCATED IN THE NW/4 NW/4 OF SECTION 8,
T29N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLOONFIELD, TRAVEL NORTH ON HWY 550 FOR 1.0 MILE.
- 2) TURN RIGHT ON CR 4900 AND TRAVEL 1.5 MILES TO DIRT ROAD.
- 3) CONTINUE ON DIRT ROAD 2.2 MILES.
- 4) TURN LEFT AND TRAVEL 0.6 MILES.
- 5) TURN LEFT AND TRAVEL 0.3 MILES TO EXISTING WELL LOCATION. 532' TO NEW ACCESS TO WELL FLAG.

WELL FLAG LOCATED AT LAT. 36.74579° N, LONG. 107.91423° W (NAD 83).

