

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 03 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078198 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 RCVD JUL 25 '11 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Nye DIST. 3 9. Well Number 11F
4. Location of Well Surface: Unit F(SENW), 1326' FNL & 1910' FWL Surface: Latitude: 36.844404° N (NAD83) Lot 4 Longitude: 107.944804° W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 1, T30N, R11W API # 30-045- 35283
14. Distance in Miles from Nearest Town 9.1 miles from Aztec, NM	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1326'	
16. Acres in Lease 1597.47 acres	17. Acres Assigned to Well 322.25 acres W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 508.5' from the Sunray C 100S (FC/PC)	
19. Proposed Depth 7153'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5968' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Dollie L. Bugse</u> Dollie L. Bugse (Staff Regulatory Tech)	Date: <u>May 3, 2011</u>

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Monke

TITLE AFM

DATE 7/20/11

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 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

AUG 11 2011

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NMOCD

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

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

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

RECEIVED

MAY 03 2011

Farmington Field Office
Bureau of Land Management

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 30-045- 35283	² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 73668	⁵ Property Name NYE	⁶ Well Number 11F
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 5968

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
F	1	30-N	11-W	LO	1326	NORTH	1910	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
F									

¹² Dedicated Acres W/2 322.25	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 BLM 1953 N 89°44' W N 89°36'53" W 2628.8' (R) 2627.1' (M)	LOT 4	LOT 3	1326'	LOT 2	LOT 1	5357.9' (R) 5359.3' (M) BLM 1953	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>Tracey N. Monroe</i> Signature Tracey N. Monroe Printed Name Staff Reg Tech Title and E-mail Address Date 6/4/09
1910'	LOT 5	LOT 6	WELL FLAG NAD 83 LAT: 36.844404° N LONG: 107.944804° W NAD 27 LAT: 36°50.664057' N LONG: 107°58.650934' W	LOT 8	LOT 7		
N 6°10'24" W N 6°10'24" W BLM 1953	LOT 12	W/2 DEDICATED ACREAGE USA SF-078193 SECTION 1, T-30-N, R-11-W LOT 11	LOT 10	LOT 9			
LOT 13	LOT 14	LOT 15	LOT 16	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. Date of Survey: 5/15/09 Signature and Seal of Professional Surveyor: 			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

NYE 11F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1075		AFE \$: 0.00	
Field Name: SAN JUAN		Rig: XXX 2013 Holding Rig		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.844400	Longitude: -107.944182	X:	Y:	Section: 01	Range: 011W
Footage X: 1910 FWL	Footage Y: 1326 FNL	Elevation: 5968	(FT)	Township: 030N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:	
Formation Data: Assume KB = 5983		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)
Surface Casing	200	5783		☐	12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1123	4860		☐	
KIRTLAND	1248	4735		☐	
FRUITLAND	1983	4000		☐	Possible Gas
PICTURED CLIFFS	2567	3416		☐	
LEWIS	2723	3260		☐	
HUERFANITO BENTONITE	3289	2694		☐	
CHACRA	3614	2369		☐	
UPPER CLIFF HOUSE	4107	1876		☐	Gas; Cliffhouse is wet
MASSIVE CLIFF HOUSE	4187	1796		☐	621 Gas
MENEFEE	4390	1593		☐	
Intermediate Casing	4540	1443		☐	149 8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 1023 cuft. Circulate cement to surface.
POINT LOOKOUT	4822	1161		☐	
MANCOS	5197	786		☐	
UPPER GALLUP	6085	-102		☐	
GREENHORN	6827	-844		☐	
GRANEROS	6877	-894		☐	
TWO WELLS	6932	-949		☐	2472 Gas
PAGUATE	7015	-1032		☐	
UPPER CUBERO	7052	-1069		☐	
LOWER CUBERO	7072	-1089		☐	Est. Btm Perf - 7138 (- 1155) based on offset wells
ENCINAL	7113	-1130		☐	TD - 40' below T/ENCN
Total Depth	7153	-1170		☐	203 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 360 cuft..Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

PROJECT PROPOSAL - New Drill / Sidetrack

NYE 11F

DEVELOPMENT

Reference Type	Well Name	Comments
Production	Nye 11	30N 11W 1 NW NW
Production	Nye 3M	30N 11W 1 SE NW SE
Production	Nye 3A	30N 11W 1 NW SE SE
Production	Nye 17	30N 11W 1 SE NW SW

Logging Program:

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

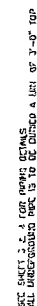
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

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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5 of 13

[illegible]

NYE 11F

SECTION 1, T-30-N, R-11-W, N.M.P.M.,

ELEV.: 5968 NAVD88 DATE: MAY 15, 2009

NEW ACCESS 114.9"



1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.C.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

BURLINGTON RESOURCES OIL & GAS COMPANY LP

NYE 11F

1326' FNL, 1910' FWL

SECTION 1, T-30-N, R-11-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.844404°N LONG.: 107.944804°W

ELEV.: 5968 NAVD88

NEW ACCESS 114.9'

FROM THE INTERSECTION OF AZTEC BLVD. & HWY. 550 SOUTH, AZTEC
(SAFEWAY STORE):

- GO 1.0 MI. NORTH ON HWY. 550 TOWARD DURANGO. TURN RIGHT ON STATE HWY. 173, TOWARDS NAVAJO DAM.
- GO 4.0 MI. EAST ON HWY. 173. TURN LEFT ON C.R. 2575.
- GO 1.9 MI. NORTH ON C.R. 2575. TURN LEFT.
- GO 1.5 MI. WEST. TURN LEFT.
- GO 0.3 MI. SOUTHWEST. TURN RIGHT.
- GO 0.4 MI. NORTHWEST. BEGIN 114.9' NEW ACCESS ON LEFT (WEST) SIDE OF ROAD.