

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OCT 15 2012

1a. Type of Work DRILL	5. Lease Number SF-080032A Farmington Field Office Bureau of Land Management Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name RCVD FEB 21 '13 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name FEUILLE DIST. 3 9. Well Number 1N
4. Location of Well Surface: Unit J(NW/SE), 1910' FSL & 1497' FEL  Surface: Latitude: 36.72325° N (NAD83) Longitude: 107.72746° W	10. Field, Pool, Wildcat BLANCO MV / BASIN DK  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T29N, R9W  API # 30-045-3 5418
14. Distance in Miles from Nearest Town 10.5 MI FROM BLANCO	12. County SAN JUAN 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1497'	
16. Acres in Lease 265.780	17. Acres Assigned to Well E/2 (303.92)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200' FROM FEUILLE 1A MV	
19. Proposed Depth 7647'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6466' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan Attached	
24. Authorized by: <u>Marie E. Jaramillo</u> Marie E. Jaramillo (Staff Regulatory Tech)	<u>10/15/12</u> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 2/19/13

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

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 LAND

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

NMOC

FEB 25 2013

This action is subject to technical and procedural review pursuant to 43 CFR 165.3 and appeal pursuant to 43 CFR 3165.4

NOTIFY AZTEC OCD 24 HRS.  
PRIOR TO CASING & CEMENT

DISTRICT I  
1625 M. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 746-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-8178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045- <b>35418</b>	<sup>2</sup> Pool Code 72319/71599	<sup>3</sup> Pool Name BLANCO MESAVERDE / BASIN DAKOTA
<sup>4</sup> Property Code 7014	<sup>5</sup> Property Name FEUILLE	<sup>6</sup> Well Number 1 N
<sup>7</sup> OGRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6466'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	13	29N	9W	10	1910'	SOUTH	1497'	EAST	SAN JUAN

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 303.92 ACRES - E/2					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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

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<sup>17</sup> 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.

*Arleen Kellywood* 7/31/12  
Signature Date

Arleen Kellywood  
Printed Name

E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

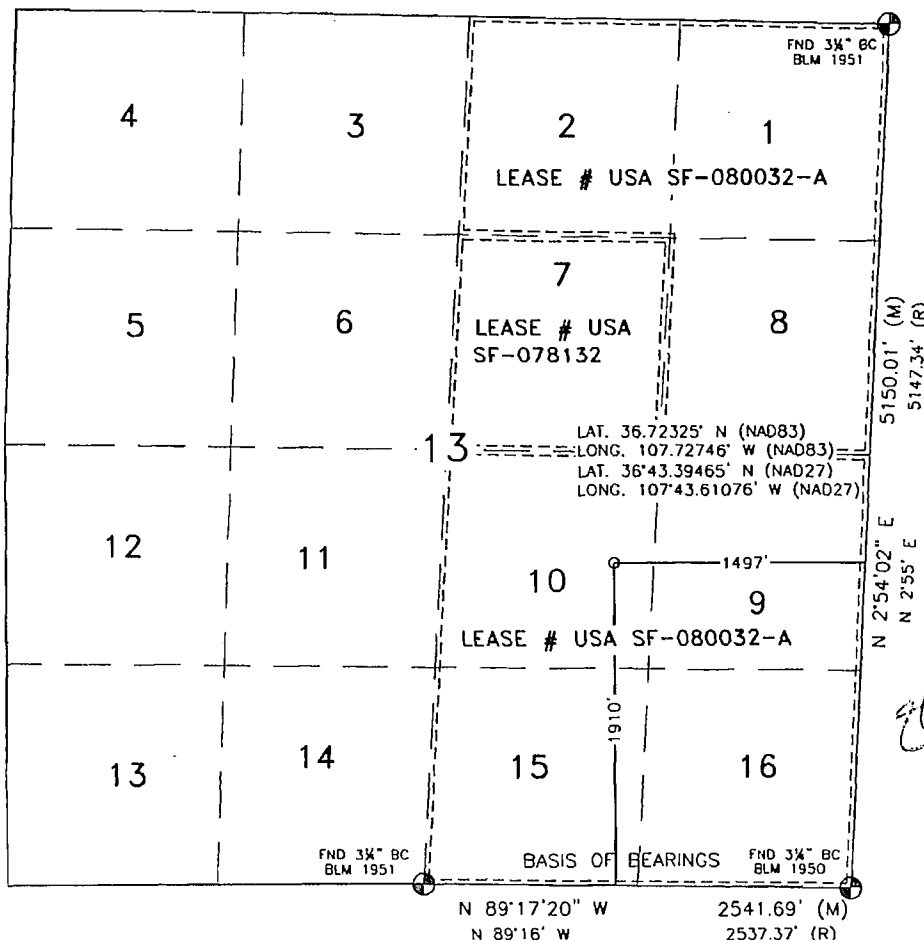
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 28, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

*David R. Russell*  
DAVID R. RUSSELL  
NEW MEXICO  
REGISTERED PROFESSIONAL SURVEYOR  
1020  
Certificate Number 10201



# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

FEUILLE 1N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.1185				AFE \$:	
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:	
<b>Primary Objective (Zones):</b>							
<b>Zone</b>	<b>Zone Name</b>						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
<b>Location:</b> Surface				<b>Datum Code:</b> NAD 27		<b>Straight Hole</b>	
Latitude: 36.723244	Longitude: -107.726846	X:	Y:	Section: 13		Range: 009W	
Footage X: 1497 FEL	Footage Y: 1910 FSL	Elevation: 6466	(FT)	Township: 029N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2013		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6481 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SAN JOSE	15	6466		<input type="checkbox"/>			Ground water at ~340' base on Riddle A 2A well.
Surface Casing	200	6281		<input type="checkbox"/>		50	12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
NACIMIENTO	711	5770		<input type="checkbox"/>			
OJO ALAMO	1955	4526		<input type="checkbox"/>			
KIRTLAND	2118	4363		<input type="checkbox"/>			
FRUITLAND	2598	3883		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3068	3413		<input type="checkbox"/>	84	105	
LEWIS	3210	3271		<input type="checkbox"/>			Lost 420 bbls in Lively 10N, w 29n8w17.
Intermediate Casing	3310	3171		<input type="checkbox"/>		107	8 3/4" Hole. 7", 20/23 ppf, J-55, LTC/STC/BTC Casing. Cement with 745 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3802	2679		<input type="checkbox"/>			
CHACRA	4043	2438		<input type="checkbox"/>			
UPPER CLIFF HOUSE	4596	1885		<input type="checkbox"/>			Gas - Est top MV perf 4596' tvd ( below T/MCLH) base on Day 5M well.
MASSIVE CLIFF HOUSE	4686	1795		<input type="checkbox"/>	304	135	Gas
MENEFEE	4832	1649		<input type="checkbox"/>			Gas
POINT LOOKOUT	5298	1183		<input type="checkbox"/>			Gas - Est bot MV perf 5578' tvd ( ~280' below T/PNLK).
MANCOS	5747	734		<input type="checkbox"/>			
UPPER GALLUP	6530	-49		<input type="checkbox"/>			
GREENHORN	7296	-815		<input type="checkbox"/>			
GRANEROS	7352	-871		<input type="checkbox"/>			
TWO WELLS	7399	-918		<input type="checkbox"/>	2828	186	Gas
PAGUATE	7494	-1013		<input type="checkbox"/>			Gas
UPPER CUBERO	7520	-1039		<input type="checkbox"/>			Gas
LOWER CUBERO	7547	-1066		<input type="checkbox"/>			Gas
ENCINAL	7616	-1135		<input type="checkbox"/>			Gas - Est bot DK perf 7627' tvd ( ~80' below T/CBRL) base on Florance 118 well. Wet in Florance 41N, wsw 29n9w21.

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

## FEUILLE 1N

## DEVELOPMENT

Total Depth	7647	-1166	<input type="checkbox"/>	190	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC/BTC casing. Cement w/ 567 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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BURRO CANYON	7694	-1213	<input type="checkbox"/>		Wet in Prichard Federal 1B, ne in 29n8w6.
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### Reference Wells:

Reference Type	Well Name	Comments
Production	FLORANCE 118M	

### Logging Program:

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

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

GR/CBL.

Mud log ~100' above GLLP down to TD.

Mudlogger will call TD.

Est bot perf ~20' above TD.

### Additional Information:

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

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

FEUILLE #1 N  
1910' FSL & 1497' FEL  
LOCATED IN THE NW/4 SE/4 OF SECTION 13,  
T29N, R9W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

**DIRECTIONS**

- 1) FROM THE POST OFFICE IN BLANCO, TRAVEL EASTERLY ON HWY 64 FOR 8 MILES.
- 2) TURN RIGHT, GO THROUGH CATTLE GUARD AND GO 1.1 MILES TO "Y" INTERSECTION.
- 3) VEER RIGHT AND GO 1.1 MILES TO "Y" INTERSECTION.
- 4) TURN LEFT AND GO 0.2 MILES TO BEGIN ACCESS ON LEFT SIDE OF ROAD.

WELL FLAG LOCATED AT LAT. 36.72325° N, LONG. 107.72746° W (NAD 83).

