

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 25 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work
DRILL

5. Lease Number
SF-079403

Unit Reporting Number

NMNM-7409B-MVNMNM78409A-DK

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company, LP

7. Unit Agreement Name
San Juan 27-5 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499

(505) 326-9700

8. Farm or Lease Name
RCVD APR 13 '10
9. Well Number
117N OIL CONS. DIV.
DIST. 3

4. Location of Well
Unit D(NWNW), 1007' FNL & 274' FWL

10. Field, Pool, Wildcat
Blanco MV / Basin DK

Latitude: 36.56297° N (NAD83)
Longitude: 107.35363° W

11. Sec., Twn, Rge, Mer. (NMPM)
D Sec. 22, T27N, R5W

API # 30-039-30960

14. Distance in Miles from Nearest Town
38 miles / Blanco

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
274'

16. Acres in Lease
974.640

17. Acres Assigned to Well
320.00 N/2 - DK & 320.00 W/2 - MV

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
450' from San Juan 27-5 Unit 155

19. Proposed Depth
7787'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6553' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Crystal Tafoya
Crystal Tafoya (Regulatory Technician)

3/25/2010
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

Archaeological Report attached
Threatened and Endangered Species Report attached
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

APR 23 2010

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

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

B NMOCD

RECEIVED

MAR 25 2010

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Bureau of Land Management, Form C-102
Revised October 12, 2005
Farmingdale Field Office

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

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30960		² Pool Code 71599 / 72319		³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
⁴ Property Code 7454		⁵ Property Name SAN JUAN 27-5 UNIT			⁶ Well Number 117 N
⁷ GRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 6553'

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	22	27N	5W		1007'	NORTH	274'	WEST	RIO ARriba

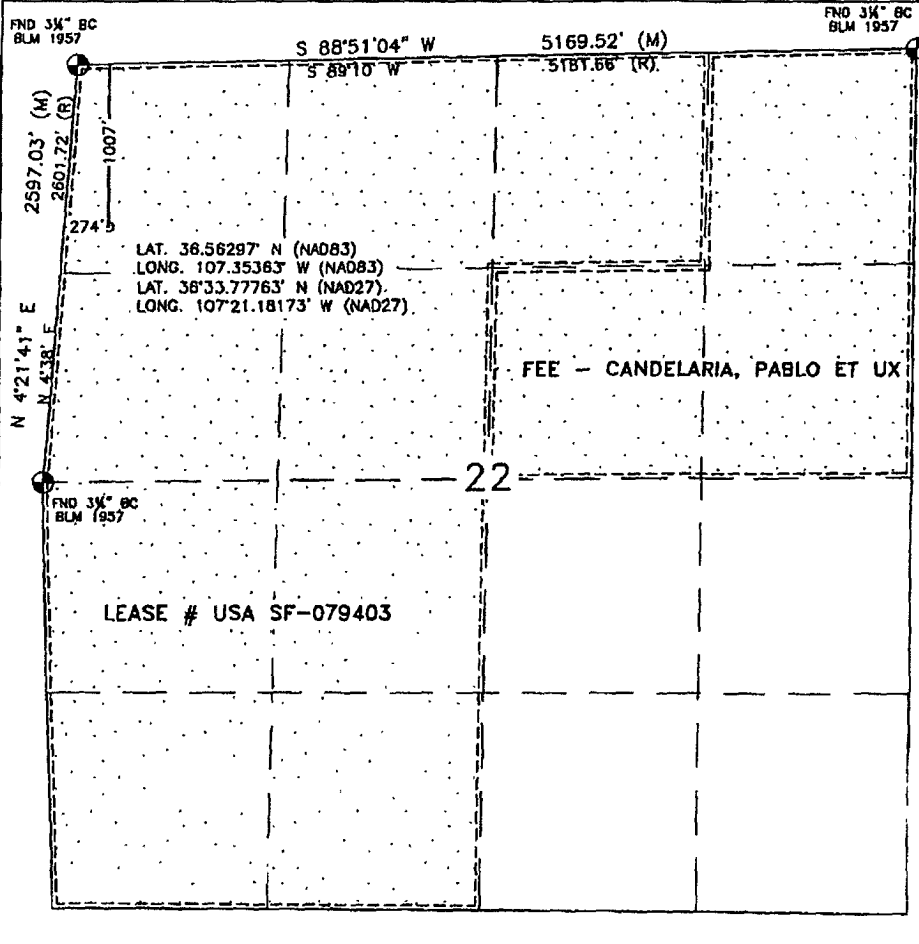
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D									

¹² Dedicated Acres DK-320.0 Acres - (N/2) MV-320.0 Acres - (W/2)		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

16



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.

James Gardenhire 10/23/08
Signature Date

James Gardenhire
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.

SEPTEMBER 12, 2008
Date of Survey

Signature and Seal of Professional Surveyor:
David R. Russell



DAVID RUSSELL
Certificate Number 10201

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 27-5 UNIT 117N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8245			AFE \$: 1,446,259.46	
Field Name: SAN JUAN 27-5 UNIT		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA	API #:
Geologist:		Phone:		Geophysicist:		Phone:
Geoscientist:		Phone:		Prod. Engineer:		Phone:
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:
Primary Objective (Zones):						
Zone	Zone Name					
R20076	DAKOTA(R20076)					
R20002	MESAVERDE(R20002)					
Location: Surface Datum Code: NAD 27 Straight Hole						
Latitude: 36.562961	Longitude: -107.352428	X:	Y:	Section: 22	Range: 005W	
Footage X: 274 FWL	Footage Y: 1007 FNL	Elevation: 6553	(FT)	Township: 027N		
Tolerance:						
Location Type: Restricted		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6569 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6369	<input type="checkbox"/>			12-1/4 hole. 950' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	2719	3850	<input type="checkbox"/>			
KIRTLAND	2863	3706	<input type="checkbox"/>			
FRUITLAND	2941	3628	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3342	3227	<input type="checkbox"/>			
LEWIS	3390	3179	<input type="checkbox"/>			
Intermediate Casing	3540	3029	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 797 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3819	2750	<input type="checkbox"/>			
CHACRA	4313	2256	<input type="checkbox"/>			Est. Top Perf - 4315 (2254)
UPPER CLIFF HOUSE	4915	1654	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	5009	1560	<input type="checkbox"/>	784		Gas
MENEFEE	5129	1440	<input type="checkbox"/>			
POINT LOOKOUT	5489	1080	<input type="checkbox"/>			
MANCOS	6009	560	<input type="checkbox"/>			
UPPER GALLUP	6679	-110	<input type="checkbox"/>			
GREENHORN	7451	-882	<input type="checkbox"/>			
GRANEROS	7507	-938	<input type="checkbox"/>			
TWO WELLS	7531	-962	<input type="checkbox"/>	1895		Gas
PAGUATE	7632	-1063	<input type="checkbox"/>			
UPPER CUBERO	7656	-1087	<input type="checkbox"/>			
LOWER CUBERO	7696	-1127	<input type="checkbox"/>			Est. Btm Perf - 7767 (-1198) based on offset wells
OAK CANYON	7773	-1204	<input type="checkbox"/>			
Total Depth	7787	-1218	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 578 cuft. Circulate cement a minimum of 100' inside the previous casing string.
ENCINAL	7787	-1218	<input type="checkbox"/>			TD - T/ENCN
Reference Wells:						

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 27-5 UNIT 117N

DEVELOPMENT

Reference Type	Well Name	Comments
Production	SJ 27-5 108E	27N-5W15 SW SW SW
Production	SJ 27-5 122	27N-5W21 SW NE NE
Production	SJ 27-5 117E	27N-5W22 SW NE NW

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

Additional Information:

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 27-5 UNIT #117 N

1007' FNL & 274' FWL

LOCATED IN THE NW/4 NW/4 OF SECTION 22,

T27N, R5W, N.M.P.M.,

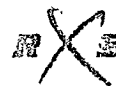
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO POST OFFICE, GO EAST ON HWY 64 FOR 27 MILES.
- 2) TURN RIGHT ON TO GENERAL AMERICAN ROAD & GO 1.05 MILES TO "Y" INTERSECTION.
- 3) STAY RIGHT & CONTINUE FOR 8.5 MILES, PASS TWIN PEAKS, TO "Y" INTERSECTION.
- 4) STAY LEFT & CONTINUE FOR 1.3 MILES.
- 5) TURN LEFT, GO 100' TO BEGIN ACCESS.
- 6) FOLLOW RED FLAGGING EAST FOR 101.44' TO NEW WELLPAD.

WELL FLAG LOCATED AT LAT. 36.56297°N, LONG.107.35363°W (NAD 83).

JOB No.: COPC236
DATE: 10/20/08



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