


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 22 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-077833-A 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 <i>N/M/NM 80133</i>	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Mansfield Com 9. Well Number 251S RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3	
4. Location of Well Unit N(SESW), 683' FSL & 2034' FWL Latitude: 36.77749° N (NAD83) Longitude: 107.80559° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 29, T30N, R9W API # 30-045-35124	
14. Distance in Miles from Nearest Town 15 miles / Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 683'		
16. Acres in Lease 263.440	 H ₂ S POTENTIAL EXIST	
17. Acres Assigned to Well 320.00 W/2 - FC		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 238' from Mansfield 11 (DK)		
19. Proposed Depth 2733'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	
20. Rotary or Cable Tools Rotary		
21. Elevations (DF, FT, GR, Etc.) 5900' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <i>Crystal Tafoya</i> Crystal Tafoya (Regulatory Technician)	Date: <i>3/10/2010</i>	

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

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 2

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS
PRIOR TO CASING & CEMENT

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

MAR 31 2010

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

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

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. Bureau of Land Management
Santa Fe, NM 87505

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

Farmington Field Office ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35124	*Pool Code 71629	*Pool Name BASIN FRUITLAND COAL
*Property Code 7285	*Property Name MANSFIELD COM	*Well Number 251 S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5900'

¹⁰ Surface Location

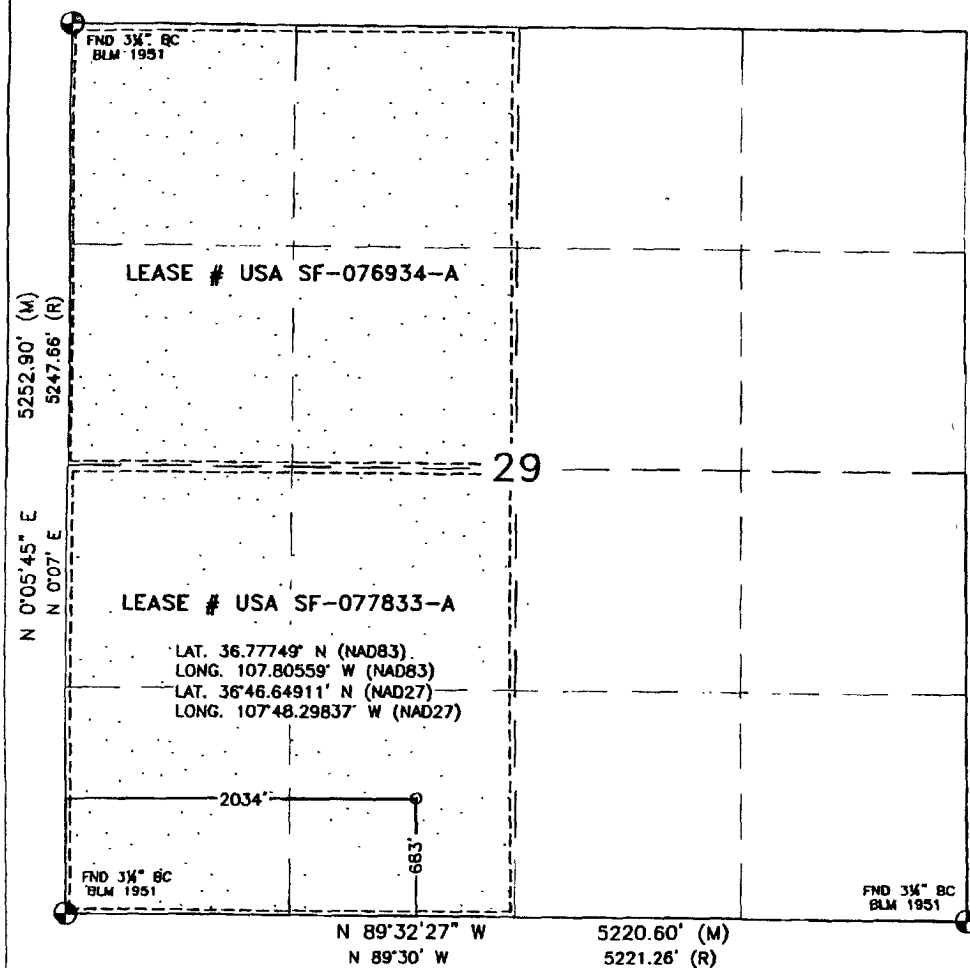
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	30N	9W		683'	SOUTH	2034'	WEST	SAN JUAN

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
N									
¹² Dedicated Acres 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

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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 12/08/08
Signature Date

James Gardenhire
Printed Name

¹⁸ SURVEYOR CERTIFICATION

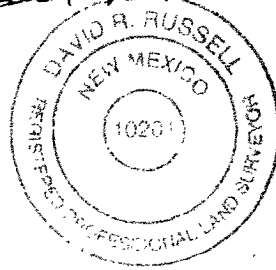
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 25, 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 Business Unit

MANSFIELD COM 251S

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8260		AFE \$: 797,553.93	
Field Name: SAN JUAN		Rig:	State: NM	County: SAN JUAN	API #:
Geologist:		Phone:	Geophysicist:		Phone:
Geoscientist: Clark, Dave D		Phone: +1 505-326-9762	Prod. Engineer:		Phone:
Res. Engineer: Akwari, Bill N		Phone: +1 505-599-4076	Proj. Field Lead:		Phone:

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface		Datum Code: NAD 27		Straight Hole	
Latitude: 36.777485	Longitude: -107.804973	X:	Y:	Section: 29	Range: 009W
Footage X: 2034 FWL	Footage Y: 683 FSL	Elevation: 5900	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2012	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 5911	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	5791	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1351	4560	<input type="checkbox"/>			
KIRTLAND	1428	4483	<input type="checkbox"/>			
FRUITLAND	2156	3755	<input type="checkbox"/>			Gas
PICTURED CLIFFS	2533	3378	<input type="checkbox"/>	450		Gas
Total Depth	2733	3178	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 366 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
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Logging Program:

Intermediate Logs:	<input type="checkbox"/> Log only if show	<input type="checkbox"/> GR/ILD	<input type="checkbox"/> Triple Combo
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TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
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GR/CBL

Additional Information:

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

MANSFIELD COM #251 S

683' FSL & 2034' FWL

LOCATED IN THE SE/4 SW/4 OF SECTION 29,

T30N, R9W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 173 AT MP 11.1, GO SOUTH 1.8 MILES TO "Y" INTERSECTION.
- 2) TURN RIGHT & GO 0.7 MILES TO "Y" INTERSECTION.
- 3) TURN RIGHT & GO 0.1 MILES.
- 4) TURN RIGHT & GO 0.3 MILES TO "Y" INTERSECTION.
- 5) TURN RIGHT & GO 0.4 MILES TO BEGIN ACCESS ON RIGHT.
- 6) TURN RIGHT & GO 78' TO NEW PAD.

WELL FLAG LOCATED AT LAT. 36.77749°N, LONG. 107.80559°W (NAD 83).

2008
09/24

JOB No.: COPC214
DATE: 09/24/08



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