


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 24 2010

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078571 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 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 Day B 9. Well Number 100	
4. Location of Well Surf: Unit K(NESW), 1629' FSL & 1592' FWL Surf: Latitude: 36.5868101° N (NAD83) Longitude: 107.7255941° W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 7, T27N, R8W API # 30-045- 35113	
14. Distance in Miles from Nearest Town 17 miles / Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1592'	17. Acres Assigned to Well 320.44 W/2 - FC	
16. Acres in Lease 640.44		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 72' from Day B 4 (DK)		
19. Proposed Depth 3050'	 H₂S POTENTIAL EXIST	
20. Rotary or Cable Tools Rotary		
21. Elevations (DF, FT, GR, Etc.) 6755' 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 Tech)	Date <u>2/24/2010</u>	

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

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

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

MAR 19 2010

NMOC

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

DISTRICT I
1825 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, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

RECEIVED

FEB 24 2010

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35113	² Pool Code 71629	³ Pool Name BASIN FRUITLAND COAL
⁴ Property Code 6948	⁵ Property Name DAY B	⁶ Well Number 100
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6755

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
K	7	27 N	8 W		1629	SOUTH	1592	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
K									

¹² Dedicated Acres 320.44 (W/2)	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	N 88°19' W	2602.38' (R)	N 88°16'41" W	2602.39'	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. Signature <u>Tracey N. Monroe</u> Date <u>7/10/09</u> Printed Name <u>Tracey N. Monroe</u>
2603.70' (R)	LOT 1 (39.80)				
N 0°18' E	LOT 2 (40.01)				
2685.33'	USA SF-078571	SECTION 7			
	LOT 3 (40.21)	1592'	NAD 83 LAT: 36.5868101° N LONG: 107.7255941° W NAD 27 LAT: 36°35.20811' N LONG: 107°43.49887' W		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. 6/10/09 Date of Survey Signature and Seal of Professional Surveyor MARSHALL W. LINDEEN NEW MEXICO LICENSED PROFESSIONAL SURVEYOR 17078 Certificate Number
	LOT 4 (40.42)	1629'			
N 0°28'51" E					
N 87°57'01" W		2601.36'	N 88°00'02" W	2588.02'	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DAY B 100

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9106		AFE \$: 975,581.40	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #1		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	

Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

Location: Surface Datum Code: NAD 27 Straight Hole

Latitude: 36.586802	Longitude: -107.724981	X:	Y:	Section: 07	Range: 008W
Footage X: 1592 FWL		Footage Y: 1629 FSL		Elevation: 6755 (FT)	Township: 027N
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2011 Completion Date: Date In Operation:

Formation Data: Assume KB = 6766 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	120	6646	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
OJO ALAMO	1902	4864	<input type="checkbox"/>			
KIRTLAND	2002	4764	<input type="checkbox"/>			
FRUITLAND	2439	4327	<input type="checkbox"/>	55		Gas
FRUITLAND COAL	2556	4210	<input type="checkbox"/>			
PICTURED CLIFFS	2850	3916	<input type="checkbox"/>			Gas; TD - 200' below T/PCCF
Total Depth	3050	3716	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 409 cuft. Circulate cement to surface.

Reference Wells:

Reference Type	Well Name	Comments
Production	Day B 4	27N 8W 7 SW NE SW
Production	Day 2B	27N 8W 7 NE SW SW

Logging Program:

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

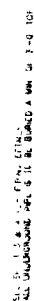
TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Cased Hole GR / CBL

Additional Information:

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

[illegible]

BURLINGTON RESOURCES OIL & GAS COMPANY LP

DAY B 100

1629' FSL & 1592' FWL

LATITUDE: 36.5868101° N

LONGITUDE: 107.7255941° W

NAD 83

SECTION 7, T-27-N, R-8-W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

FROM THE INTERSECTION OF NORTH FIRST STREET AND
EAST BROADWAY AVENUE IN BLOOMFIELD, NEW MEXICO.

TRAVEL EASTERLY 10.3 MILES ON U.S. HIGHWAY 64.
TURN RIGHT ONTO C.R. 4450 AND TRAVEL SOUTHEASTERLY 4.0 MILES TO
"5 MILE BRIDGE."

CROSS BRIDGE AND CONTINUE ON C.R. 4990 FOR ANOTHER 3.0 MILES,
PASSING C.R. 7007 INTERSECTION.

CONTINUE TRAVELING ON C.R. 4990 SOUTHEASTERLY 4.2 MILES.

TURN RIGHT AND TRAVEL SOUTHWESTERLY 4.5 MILES
THROUGH FRESNO CANYON AND HOLLIS PASS TO GET TO
THE TOP OF BLANCO MESA.

TURN LEFT ONTO EXISTING ACCESS ROAD & TRAVEL 110 FEET TO
PROPOSED DAY B 100 WELL LOCATION.