

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DEC 22 2009

1a. Type of Work DRILL	5. Lease Number NM-013688 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 JAN 27 '10 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 Atlantic D Com 9. Well Number 206	
4. Location of Well Surf: Unit M(SWSW), 1270' FSL & 868' FWL  Surf: Latitude: 36.8803099° N (NAD83) Longitude: 107.8579827° W	10. Field, Pool, Wildcat Basin Fruitland Coal  11. Sec., Twn, Rge, Mer. (NMPM) M Sec. 23, T31N, R10W API # 30-045- 35076	
14. Distance in Miles from Nearest Town 11 miles / Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 868'	17. Acres Assigned to Well 315.75 - W/2 (FC)	
16. Acres in Lease 2,066.440	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 52' from Atlantic Com B 8M (MV/DK)	
19. Proposed Depth 3337'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6376' 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 Technician)	Date <u>12/22/2009</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 1/25/2010

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

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

FEB 04 2010

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

DISTRICT I  
1625 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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

DEC 22 2009 Fee Lease - 3 Copies

Bureau of Land Management  
Farmington Field Office  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-35076	<sup>2</sup> Pool Code 71629	<sup>3</sup> Pool Name BASIN FRUITLAND COAL
<sup>4</sup> Property Code 6805	<sup>5</sup> Property Name ATLANTIC D COM	<sup>6</sup> Well Number 206
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	<sup>9</sup> Elevation 6376

<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
M	23	31 N	10 W	6	1270	SOUTH	868	WEST	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
M									

<sup>12</sup> Dedicated Acres 315.75 (W/2)	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> S 87°53'25" E 2644.57' LOT 1 (39.52) NM B-10405-95	S 89°23'12" E 2639.63' NM B-10405-54 NM E-2724-5
USA NM-013688 LOT 2 (39.66) NM E-5318-1	USA NM-013688 LOT 3 (38.47) LOT 4 (38.45)
SECTION 23	
LOT 5 (39.07) NAD 83 LAT: 36.8803099° N LONG: 107.8579827° W NAD 27 LAT: 36°52.81838' N LONG: 107°51.44178' W	JOE DENNIS ET UX G.T. LACKEY ET UX
LOT 6 (38.80) LOT 7 (38.70) LOT 8 (38.48) LOT 9 (38.38)	

<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.  
Signature: Crystal Tafoya Date: 12/18/09  
Printed Name: Crystal Tafoya 12/18/09

<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.  
Date of Survey: 4/24/09  
Signature and Seal: MARSHALL W. LINDEEN  
LICE 17078  
PROFESSIONAL SURVEYOR  
Certificate Number: 17078

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ATLANTIC D COM 206

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9009		AFE \$: 899,911.26	
Field Name: SAN JUAN		Rig: H&P Rig 282		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

Latitude: 36.880306	Longitude: -107.857363	X:	Y:	Section: 23	Range: 010W
Footage X: 868 FWL	Footage Y: 1270 FSL	Elevation: 6376	(FT)	Township: 031N	
Tolerance:					

Location Type: Restricted	Start Date (Est.): 1/1/2011	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6387	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	6267	<input type="checkbox"/>			8-3/4 hole. 7" 20 ppf, J-55 STC csg. Cement with 50 cuft. Circulate cement to surface.
NACIMIENTO	321	6066	<input type="checkbox"/>			
OJO ALAMO	1619	4768	<input type="checkbox"/>			
KIRTLAND	1691	4696	<input type="checkbox"/>			
FRUITLAND	2607	3780	<input type="checkbox"/>			Gas
FRUITLAND COAL	2635	3752	<input type="checkbox"/>			
PICTURED CLIFFS	3137	3250	<input type="checkbox"/>	894		Gas; TD - 200' below T/PCCF
Total Depth	3337	3050	<input type="checkbox"/>			6-1/4" hole. 4-1/2" 10.5 ppf, J-55, STC casing. Cement with 513 cuft. Circulate cement to surface.

## Reference Wells:

Reference Type	Well Name	Comments
Production	Atlantic 12	31N 10W 23 NE SW SW
Production	Atlantic B 8	31N 10W 23 NE SW SW
Production	Atlantic 205S	31N 10W 22 NW SE SE

## 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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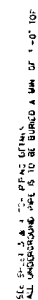
TD Logs:	<input type="checkbox"/> Triple Combo	<input type="checkbox"/> Dipmeter	<input type="checkbox"/> RFT	<input type="checkbox"/> Sonic	<input type="checkbox"/> VSP	<input type="checkbox"/> TDT	<input checked="" type="checkbox"/> Other
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Cased Hole GR / CBL

## Additional Information:

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



WATER PRESSURE 3 6-433  
FACILITY DIAGRAM- SEE LAYOUT

SAN JUAN BUSINESS UNIT

10-17-68  
10-18-68  
10-19-68  
10-20-68

HP 3845E-121

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

**ATLANTIC D COM 206**

**1270' FSL & 868' FWL**

**LATITUDE: 36.8803099° N**

**LONGITUDE: 107.8579827° W**

**NAD 83**

**SECTION 23, T-31-N, R-10-W, N.M.P.M.**

**SAN JUAN COUNTY, NEW MEXICO**

FROM THE INTERSECTION OF U.S. HIGHWAY 550 AND  
NEW MEXICO HIGHWAY 516 IN AZTEC, NEW MEXICO.

TRAVEL NORTHEASTERLY 5.9 MILES ON U.S. HIGHWAY 550.  
TURN RIGHT OFF OF U.S. HIGHWAY 550 AND TRAVEL EASTERLY 3.5 MILES.  
TURN RIGHT AT A TEE INTERSECTION AND TRAVEL  
SOUTHEASTERLY 0.4 MILE.  
TURN RIGHT AT A TEE INTERSECTION & TRAVEL SOUTHERLY 0.7 MILE  
TO ATLANTIC D COM 206 PROPOSED LOCATION.