

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 28 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 NM-0606 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 Atlantic A 9. Well Number 8C	
4. Location of Well Unit G(SWNE), 1368' FNL & 1980' FEL Latitude: 36.87311° N (NAD83) Longitude: 107.90301° W	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T31N, R10W API # 30-045-35137	
14. Distance in Miles from Nearest Town 8 miles / Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1368'	17. Acres Assigned to Well 328.94 N/2 - MV	
16. Acres in Lease 2,394.720	 H ₂ S POTENTIAL EXIST	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 122' from Atlantic A 211 (FC)	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 5185'	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".	
21. Elevations (DF, FT, GR, Etc.) 5989' GL	24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	

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 3

Bond Numbers NMB-000015 and NMB-000089

MAY 21 2010

NMOCD

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, NM 87605

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

RECEIVED

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. APR 28 2010
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35137	*Pool Code 72319	*Pool Name BLANCO MESAVERDE
*Property Code 6795 6800	*Property Name ATLANTIC A	*Well Number 8 C
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5989'

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
G	29	31N	10W	7	1368'	NORTH	1980'	EAST	SAN JUAN

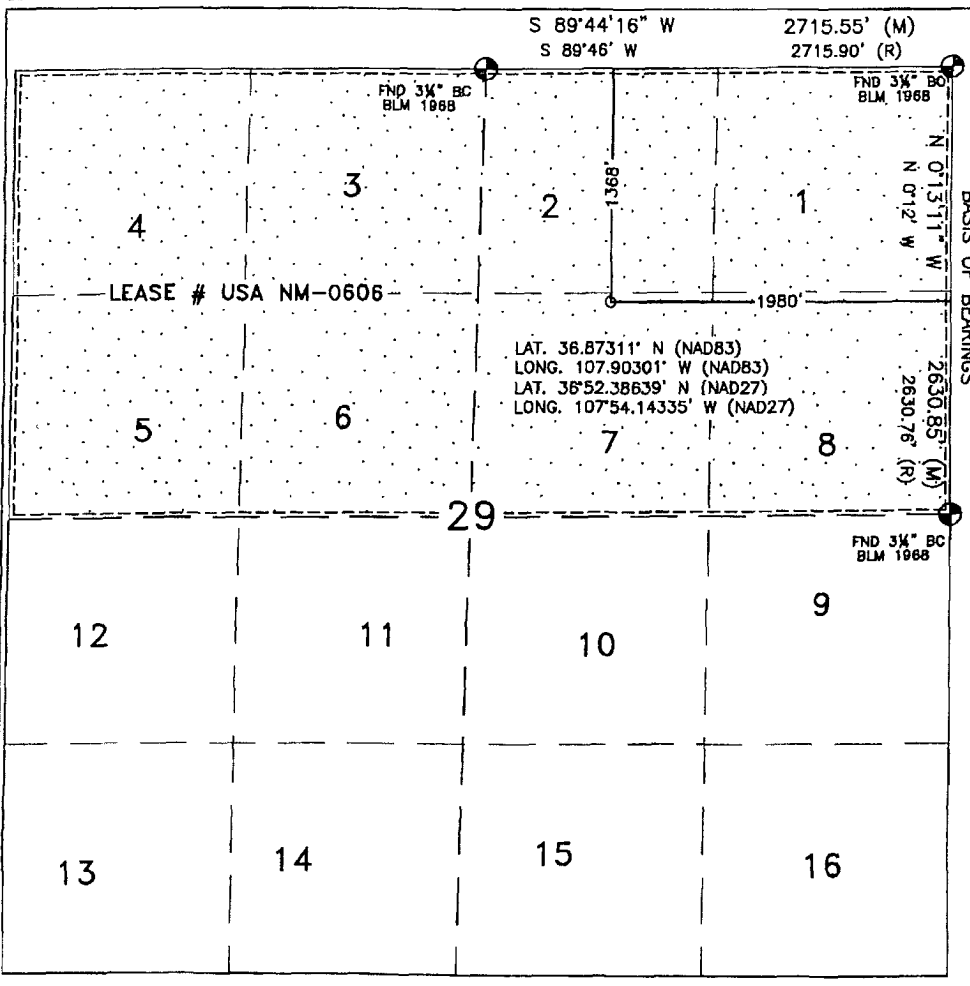
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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*Dedicated Acres 328.94 ACRES - N/2	*Joint or Infill	*Consolidation Code	*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

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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.

Ethel Tally 9/14/09
Signature Date

Ethel Tally
Printed Name

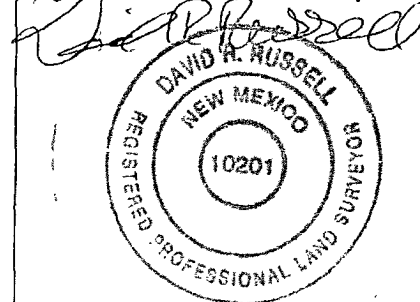
18 SURVEYOR CERTIFICATION

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 24, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID. RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

ATLANTIC A 8C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9337		AFE \$: 1,014,367.20	
Field Name: SAN JUAN		Rig: XXX 2011 Holding Rig #2		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer:		Phone:		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.873106	Longitude: -107.902389	X:	Y:	Section: 29	Range: 010W
Footage X: 1980 FEL	Footage Y: 1368 FNL	Elevation: 5989	(FT)	Township: 031N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6003 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	5803	☐		
OJO ALAMO	1277	4726	☐		
KIRTLAND	1366	4637	☐		
FRUITLAND	2164	3839	☐		Possible Gas
PICTURED CLIFFS	2686	3317	☐		
LEWIS	2835	3168	☐		
Intermediate Casing	2935	3068	☐		
HUERFANITO BENTONITE	3411	2592	☐		
CHACRA	3762	2241	☐		
UPPER CLIFF HOUSE	4416	1587	☐		Gas; Est. Top Perf - 4418 (1585)
MASSIVE CLIFF HOUSE	4417	1586	☐	329	Gas
MENEFEE	4512	1491	☐		
POINT LOOKOUT	4935	1068	☐		Est. Btm Perf - 5085 (918) based on offset wells; TD - 250' below T/PNLK
Total Depth	5185	818	☐		6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 312 cuft. Circulate cement a minimum of 100' inside the previous casing string.
MANCOS	5293	710	☐		
Reference Wells:					
Reference Type	Well Name	Comments			
Production	Atlantic A 21	31N 10W 29 NE SW NE			
Production	Lambe 2B	31N 10W 20 NW SE SE			
Production	Atlantic A 7A	31N 10W 29 SE NW SE			
Production	Atlantic A 211	31N 10W 29 NE SW NE			

PROJECT PROPOSAL - New Drill / Sidetrack

ATLANTIC A 8C

DEVELOPMENT

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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BURLINGTON RESOURCES OIL & GAS COMPANY LP

ATLANTIC A #8 C
1368' FNL 1980' FEL
LOCATED IN THE SW/4 NE/4 OF SECTION 29,
T31N, R10W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM POST OFFICE IN AZTEC, GO 0.8 MILES TO THE INTERSECTION OF HWY 550 & HWY 516.
- 2) CONTINUE RIGHT ON HWY 550 FOR 4.2 MILES.
- 3) TURN RIGHT ONTO CR 2770 (HART CANYON) & GO 2.8 MILES.
- 4) TURN LEFT & GO 0.1 MILES.
- 5) TURN LEFT & GO THROUGH PAD TO ABANDONED PAD WHERE PROPOSED PAD IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.87311° N, LONG. 107.90301° W (NAD 83).

