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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 23 2009

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-078201-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 RCVD JUL 23 '09 OIL CONS. DIV.
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name DIST. 3 Riddle A 9. Well Number 3C
4. Location of Well Surf: Unit L(NWSW), 2225' FSL & 1150' FWL Surf: Latitude: 36.79560° N (NAD83) Longitude: 107.73702° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 24, T30N, R9W API # 30-045-35001
14. Distance in Miles from Nearest Town 16 miles/Aztec	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1150'	13. State NM
16. Acres in Lease 972.050	17. Acres Assigned to Well MV/DK 320 (W/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1160' from Riddle A 9	
19. Proposed Depth 7009'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5719' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	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
24. Authorized by: Tracey N. Monroe (Staff Regulatory Technician)	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

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 3165.6 and appeal pursuant to 43 CFR 3165.4

JUL 28 2009 NMOCD

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. JUN 22 2009

Santa Fe, NM 87505

RECEIVED

Form C-102
Revised October 12, 2005
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT
Farrington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35001	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7425	*Property Name RIDDLE A	*Well Number 3C
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 5719'

¹⁰ Surface Location

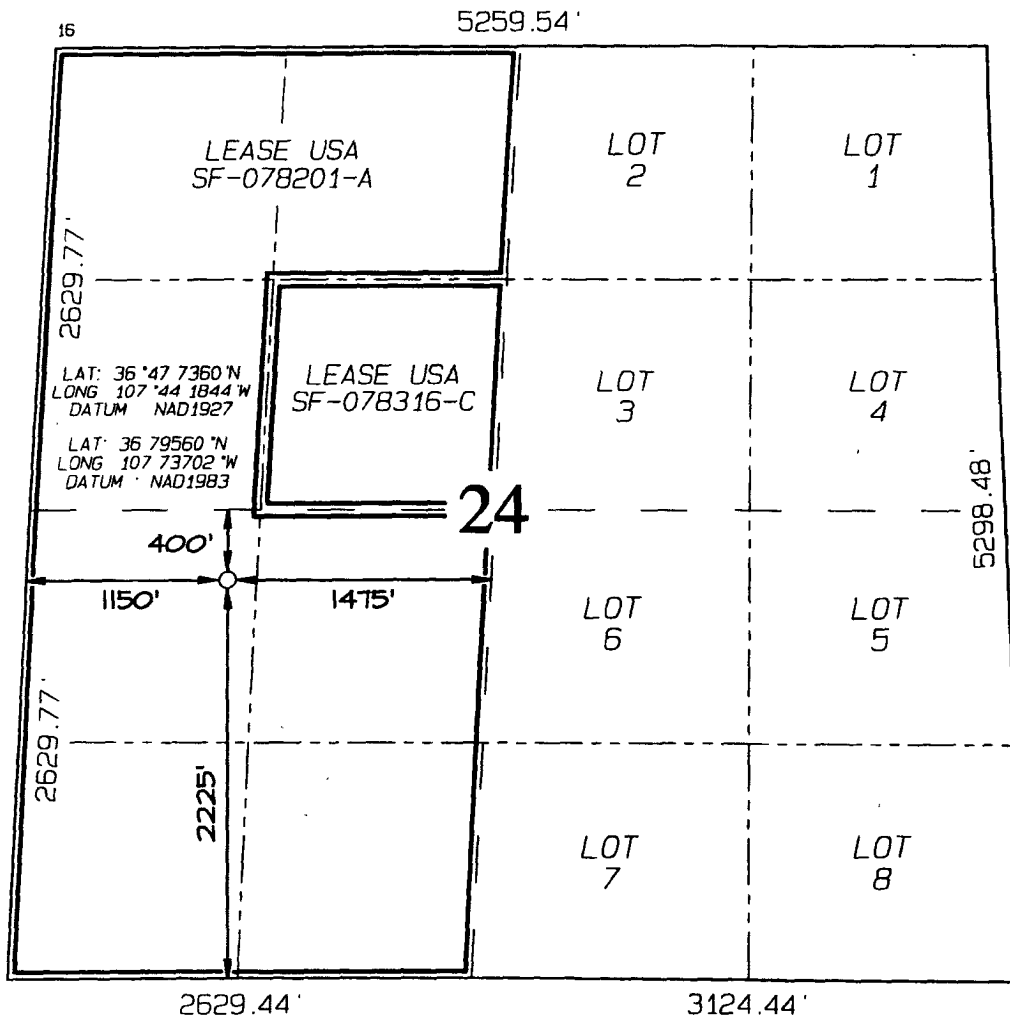
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	24	30N	9W		2225	SOUTH	1150	WEST	SAN JUAN

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
L									

¹² Dedicated Acres 320.0 Acres - 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



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.

Crystal Tafoya 4/24/09
Signature /Date

Crystal Tafoya 4-24-09
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.

Survey Date: NOVEMBER 13, 2007

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

RIDDLE A 3C

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7251		AFE \$: 1,408,149.52	
Field Name: SAN JUAN		Rig: H&P Rig 281	State: NM	County: SAN JUAN	API #:
Geologist:	Phone:	Geophysicist:	Phone:		
Geoscientist:	Phone:	Prod. Engineer:	Phone:		
Res. Engineer: Prabowo, Wahyu	Phone: +1-505-326-9797	Proj. Field Lead:	Phone:		

Primary Objective (Zones):

Zone	Zone Name
FRR	BASIN DAKOTA (PRORATED GAS)
RON	BLANCO MESAVERDE (PRORATED GAS)

Location: Datum Code: NAD 27

Latitude: 36.795595	Longitude: -107.736405	X:	Y:	Section: 24	Range: 009W
Footage X: 1150 FWL	Footage Y: 2225 FSL	Elevation: 5719	(FT)	Township: 030N	
Tolerance:					

Location Type: Restricted Start Date (Est.): 1/1/2010 Completion Date: Date In Operation:

Formation Data: Assume KB = 5733 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5533	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1207	4526	<input type="checkbox"/>			
KIRTLAND	1405	4328	<input type="checkbox"/>			
FRUITLAND	1912	3821	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2453	3280	<input type="checkbox"/>			
LEWIS	2578	3155	<input type="checkbox"/>			
Intermediate Casing	2678	3055	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 603 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3161	2572	<input type="checkbox"/>			
CHACRA	3479	2254	<input type="checkbox"/>			Est. Top Perf - 3481 (2252)
UPPER CLIFF HOUSE	3934	1799	<input type="checkbox"/>			Gas
MASSIVE CLIFF HOUSE	4143	1590	<input type="checkbox"/>	285		Gas
MENEFEE	4263	1470	<input type="checkbox"/>			
POINT LOOKOUT	4677	1056	<input type="checkbox"/>			
MANCOS	5065	668	<input type="checkbox"/>			
UPPER GALLUP	5917	-184	<input type="checkbox"/>			
GREENHORN	6675	-942	<input type="checkbox"/>			
GRANEROS	6731	-998	<input type="checkbox"/>			
TWO WELLS	6781	-1048	<input type="checkbox"/>	3389		Gas
PAGUATE	6879	-1146	<input type="checkbox"/>			
UPPER CUBERO	6906	-1173	<input type="checkbox"/>			
LOWER CUBERO	6925	-1192	<input type="checkbox"/>			Est. Btm Perf - 6994 (-1261) based on offset wells
ENCINAL	6984	-1251	<input type="checkbox"/>			TD - 25' below T/ENCN
Total Depth	7009	-1276	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 589 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
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PROJECT PROPOSAL - New Drill / Sidetrack

RIDDLE A 3C

DEVELOPMENT

Production	Riddle 3-A	30N 9W 24 NE SW SW
Production	Riddle-A 9	30N 9W 24 NE SW SW
Production	Riddle-A 3-A	30N 9W 24 NW SE NW
Production	Riddle A Com 260	30N 9W 24 NW SE SW

Logging Program:

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

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

Estimated bottom perf ~15 above TD. Mudlog from ~100' above the Greenhorn to TD. Mudloggers will call TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the Intersection of US Hwy 550 & State Hwy 173 in Aztec, NM

to Burlington Resources Oil & Gas Company Riddle A #3C

2225' FSL & 1150' FWL, Section 24, T30N, R9W, N.M.P.M., San Juan County, NM

Latitude : 36.79560°N Longitude : 107.73702°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 173 in Aztec, NM, travel Easterly on State Hwy 173 for 14.9 miles;

Go left (Northerly) through unlocked gate for 200' to fork in road;

Go left which is straight (Northerly) for 0.9 miles to staked location on right-hand side which overlaps the existing roadway.