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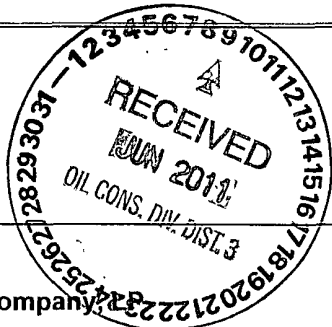
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 22 2011

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office
Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number SF-078356 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name Huerfanito Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Huerfanito Unit 9. Well Number 88N	
4. Location of Well Surface: Unit J(NWSE), 2505' FSL & 1870' FEL Surface: Latitude: 36.560271° N (NAD83) Longitude: 107.755338° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) Unit J, Sec. 23, T27N, R9W API # 30-045-35267	
14. Distance in Miles from Nearest Town 33 miles from Bloomfield, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1870'		
16. Acres in Lease 1440 acres	17. Acres Assigned to Well 320.0 acres MV/DK E/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1077' - Huerfanito Unit 88R (MV/DK)		
19. Proposed Depth 6798' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6267' GL	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Doilie L. Busse</u> Doilie L. Busse (505-324-6104)	Date <u>March 18, 2011</u>	



PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE AEM DATE 6/2/11

Archaeological Report attached A gas recovery unit may or may not be used on this location.

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

NOTIFY AZTEC OCD 24 HRS. JUN 22 2011
PRIOR TO CASING & CEMENT AV 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
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 West 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 87506

State of New Mexico
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAJ Submit 2011
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

Farmington Field Office
Bureau of Land Management
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 35267		*Pool Code 71599/72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
*Property Code 7138	*Property Name HUERFANITO UNIT		*Well Number 88N	
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6267'	

¹⁰ Surface Location

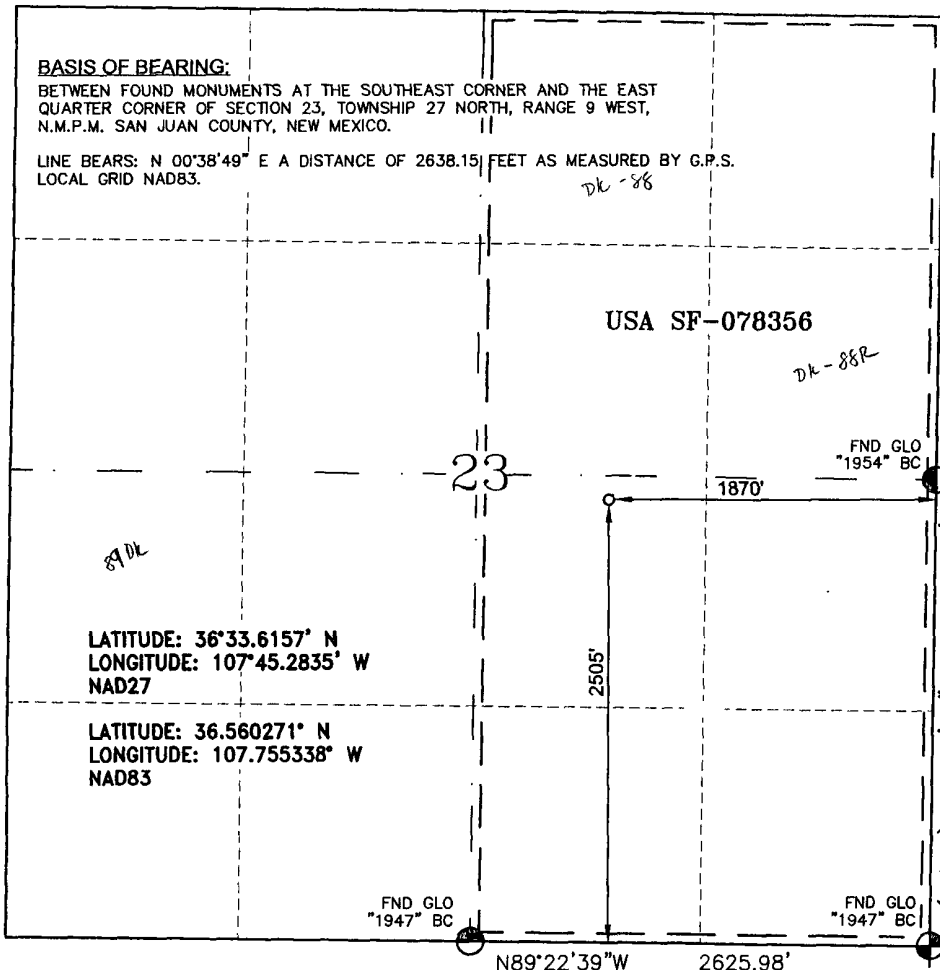
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	23	27-N	9-W		2505	SOUTH	1870	EAST	SAN JUAN

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
¹² Dedicated Acres DK 320.00 ACRES E/2 MV 320.00 ACRES E/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 of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

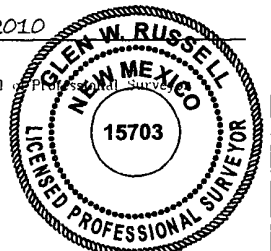
Brandie Blakley 7-8-10
Signature
Brandie Blakley 7-8-10
Printed Name

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.

JUNE 30, 2010
Date of Survey

Signature and Seal of



GLEN W. RUSSELL
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

HUERFANITO UNIT 88N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.0042				AFE \$: 0.00	
Field Name: SAN JUAN		Rig: Aztec Rig 673		State: NM	County: SAN JUAN		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum: Code: NAD:27 Straight Hole:							
Latitude: 36.560262		Longitude: -107.754724		X:	Y:	Section: 23	Range: 009W
Footage X: 1870 FEL		Footage Y: 2505 FSL		Elevation: 6267 (FT)	Township: 027N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6282 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6082		<input type="checkbox"/>			12-1/4" hole. 9-5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1335	4947		<input type="checkbox"/>			
KIRTLAND	1468	4814		<input type="checkbox"/>			
FRUITLAND	1832	4450		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2219	4063		<input type="checkbox"/>			
LEWIS	2326	3956		<input type="checkbox"/>			
HUERFANITO BENTONITE	2710	3572		<input type="checkbox"/>			
CHACRA	3129	3153		<input type="checkbox"/>			
UPPER CLIFF HOUSE	3698	2584		<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	3818	2464		<input type="checkbox"/>			Cliffhouse is wet
MENELEE	3870	2412		<input type="checkbox"/>			Est. Top Perf - 4070 (2212)
INTERMEDIATE CASING DEEP SET	4020	2262		<input type="checkbox"/>			8 3/4" Hole. 7", 20/23 ppf, J-55, STC/LTC Casing. Cement with 906 cuft. Circulate cement to surface.
POINT LOOKOUT	4509	1773		<input type="checkbox"/>	792		GAS
MANCOS	4875	1407		<input type="checkbox"/>			
UPPER GALLUP	5697	585		<input type="checkbox"/>			
GREENHORN	6499	-217		<input type="checkbox"/>			
GRANEROS	6554	-272		<input type="checkbox"/>			
TWO WELLS	6602	-320		<input type="checkbox"/>	2110		Gas
PAGUATE	6667	-385		<input type="checkbox"/>			
LOWER CUBERO	6724	-442		<input type="checkbox"/>			Est. Btm Perf - 6778 (- 496) based on offset wells
UPPER CUBERO	6724	-442		<input type="checkbox"/>			
ENCINAL	6798	-516		<input type="checkbox"/>			TD - T/ENCN; consistent with air drill and offset information.
Total Depth	6798	-516		<input type="checkbox"/>	188		6-1/4" hole, 4-1/2" 11.6 ppf, L-80 LTC casing. Cement with 382 cuft. Circulate cement to a minimum 100' inside the previous casing string.

PROJECT PROPOSAL - New Drill / Sidetrack

HUERFANITO UNIT 88N

DEVELOPMENT

BURRO CANYON 6870 -588

MORRISON 6900 -618

Reference Wells:		
Reference Type	Well Name	Comments
Production	Huerfanito Unit 88R	27N 9W 23 SW SE NE
Production	Huerfanito Unit 97	27N 9W 24 NW SW
Production	Huerfanito Unit 89	27N 9W 23 NW 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

Mudlog from 100' above top of GLLP to TD - mudlogger 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 Hwy 550 and Hwy 64
in Bloomfield, NM

To:

Burlington Resources Oil & Gas Company LP

HUERFANITO UNIT #88N

2505' FSL & 1870' FEL,

Section 23, T27N, R9W, N.M.P.M., San Juan County,

New Mexico

Latitude: 36° 33' 36.976" N

Longitude: 107° 45' 19.217" W

Nad 1983

From the Intersection of Hwy 550 and Hwy 64,
Take Hwy 550 (south) for 15.8 miles to CR 7225,
Turn left (east) on CR 7225 for 4.5 miles,
Turn right (easterly) for 4.2 miles,
Turn right (southerly) 0.1 miles,
Turn left (easterly) 2.4 miles,
Turn left (northerly) on CR 7007 for 1.9 miles,
Turn left (westerly) 0.7 miles,
Turn left (southwesterly) 0.3 miles
Through well location and continue westerly 1.0 miles,
Stay left (northwesterly) @ y-intersection for 0.3 miles,
Turn right (northeast) 1.0 miles,
Stay left (northerly) 0.3 miles,
Turn right (east) 0.4 miles,
Stay left through location (northerly) 0.1 miles
To beginning of new access on left side of road,
Turn left and proceed 400.15' to the newly staked location.