

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078128
1b. Type of Well GAS	Unit Reporting Number NMNM-73117-MV
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	6. If Indian, All. or Tribe DK-needs CA
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name RCVD JAN 21 '10 OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit N(SSEW), 750' FSL & 660' FWL Surf: Latitude: 36.82122° N (NAD83) Longitude: 107.82494° W	8. Farm or Lease Name Delhi Turner
	9. Well Number 1B
	10. Field, Pool, Wildcat Blanco MV / Basin DK
	11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 7, T30N, R9W API # 30-045- 35063
14. Distance in Miles from Nearest Town 14 miles / Aztec	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	
16. Acres in Lease 838.170	17. Acres Assigned to Well 304.39 SW/4 Sec. 7 & W/2 of Sec. 18
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 870' from Turner Com 250 (FC)	
19. Proposed Depth 7531'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6247' GL	22. Approx. Date Work will Start 12/14/2009
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Crystal Tafoya</u> Crystal Tafoya (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 3165.3 and appeal pursuant to 43 CFR 3165.4

NOTIFY AZTEC
PRIOR TO CASING & CEMENT

NOTIFY AZTEC
PRIOR TO CASING & CEMENT

FEB 04 2010

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.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 35063		*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 6954	*Property Name DELHI TURNER		*Well Number 1B
*GRID No 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6247'

¹⁰ Surface Location

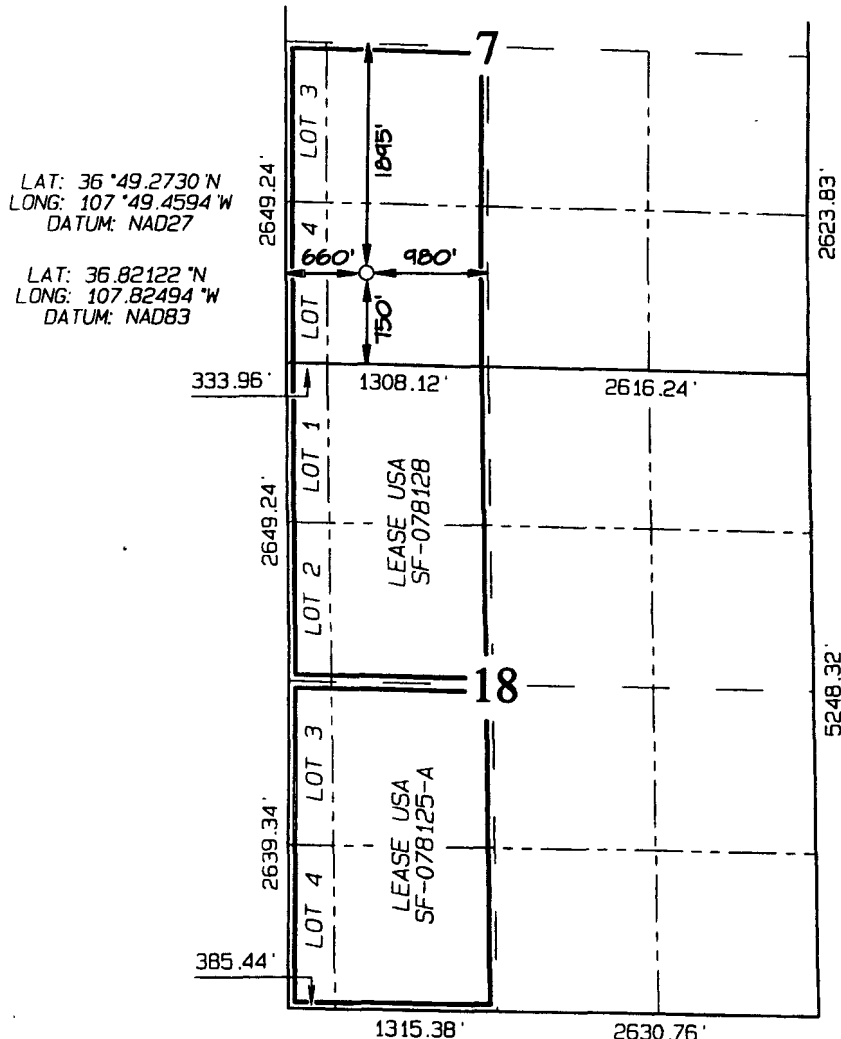
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	30N	9W		750	SOUTH	660	WEST	SAN JUAN

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
N									

¹² Dedicated Acres 304.39 Acres SW/4 Section 7 & W/2 Section 18	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-2046-DK R-25-MV
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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 8/19/08
Signature Date
Crystal Tafoya 8-19-08
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.

Date of Survey: JULY 3, 2008

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DELHI TURNER 1B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8071		AFE \$: 1,365,692.93	
Field Name: SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist: Phone:	
Geoscientist:		Phone:		Prod. Engineer: Phone:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead: Phone:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.821216	Longitude: -107.824322	X:	Y:	Section: 07	Range: 009W
Footage X: 660 FWL	Footage Y: 750 FSL	Elevation: 6247 (FT)	Township: 030N		
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date: Date In Operation:	
Formation Data: Assume KB = 6263 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6063	☐		
OJO ALAMO	1614	4649	☐		
KIRTLAND	1771	4492	☐		
FRUITLAND	2367	3896	☐		Possible Gas
PICTURED CLIFFS	2989	3274	☐		
LEWIS	3079	3184	☐		
Intermediate Casing	3179	3084	☐		
HUERFANITO BENTONITE	3672	2591	☐		
CHACRA	3995	2268	☐		Est. Top Perf - 3997 (2266)
UPPER CLIFF HOUSE	4491	1772	☐		Gas
MASSIVE CLIFF HOUSE	4575	1688	☐	271	Gas
MENEFEE	4761	1502	☐		
POINT LOOKOUT	5177	1086	☐		
MANCOS	5543	720	☐		
UPPER GALLUP	6463	-200	☐		
GREENHORN	7205	-942	☐		
GRANEROS	7261	-998	☐		
TWO WELLS	7305	-1042	☐	2762	Gas
PAGUATE	7409	-1146	☐		
UPPER CUBERO	7443	-1180	☐		
LOWER CUBERO	7449	-1186	☐		
ENCINAL	7457	-1194	☐		
Total Depth	7531	-1268	☐		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface. 8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 761 cuft. Circulate cement to surface. Est. Btm Perf - 7516 (-1253) based on offset wells; TD - 30' below T/ENCN 6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 637 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DELHI TURNER 1B

DEVELOPMENT

Production	Grambling C 3B	30N 10W 12 S2 NE SE
Production	Turner Com 250	30N 9W 7 SW
Production	Turner 4	30N 9W 7 NW SE SW
Production	Grambling C 8	30N 10W 12 SW NE SE

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 GRHN to TD - mudlogger will call TD.

Mudlogger being used for gas show since data is sparse in this area.

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 Delhi Turner #1B

750' FSL & 660' FWL, Section 7, T30N, R9W, N.M.P.M., San Juan County, NM

Latitude : 36.82122°N Longitude : 107.82494°W Datum : NAD1983

From the intersection of US Hwy 550 & State Hwy 173 in Aztec, NM, travel Easterly on State Hwy 173 for 10.9 miles;

Go left (North-easterly) for 0.2 miles to fork in road;

Go left (North-westerly) for 2.2 miles to fork in road;

Go left (Westerly) for 0.1 miles to new access on left-hand side of existing roadway which continues along existing pipeline for 992.1' to staked location.