

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 16 2010

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK, of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-078200-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 12 '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 Grambling C 9. Well Number 1P	
4. Location of Well Surface: Unit G(SWNE), 1331' FNL & 2343' FEL Surface: Latitude: 36.815518° N (NAD83) Longitude: 107.852965° W	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 14, T30N, R10W API # 30-045- 35173	
14. Distance in Miles from Nearest Town 10.7 miles from Aztec, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1331'		
16. Acres in Lease 315.360 1070.92	17. Acres Assigned to Well 311.78 N/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 530.2' from Grambling C 11 - PC		
19. Proposed Depth 7615'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6414' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Dollie L. Busse</u> Dollie L. Busse (Staff Regulatory Tech)	Date <u>June 14, 2010</u>	

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

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

NMOC

JUL 14 2010

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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, 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

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

JUN 16 2010

RECEIVED
Burlington Field Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35173		² Pool Code 71599	³ Pool Name BASIN DAKOTA
⁴ Property Code 7056	⁵ Property Name GRAMBLING C		⁶ Well Number 1P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6414

¹⁰ SURFACE LOCATION

UL or lot no. G	Section 14	Township 30-N	Range 10-W	Lot Idn	Feet from the 1331	North/South line NORTH	Feet from the 2343	East/West line EAST	County SAN JUAN
---------------------------	----------------------	-------------------------	----------------------	---------	------------------------------	----------------------------------	------------------------------	-------------------------------	---------------------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. G	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹² Dedicated Acres 311.78 (N/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

¹⁶ BLM 1967 LOT 4 N/2 DEDICATED ACREAGE USA SF-078200-A LOT 3				¹⁷ BLM 1967 LOT 2 LOT 1			
LOT 5 WELL FLAG NAD 83 LAT: 36.815518° N LONG: 107.852965° W NAD 27 LAT: 36°48.930875' N LONG: 107°51.140808' W LOT 6				LOT 7 SECTION 14, T-30-N, R-10-W LOT 8			
LOT 12 LOT 11				LOT 10 LOT 9			
LOT 13 LOT 14				LOT 15 LOT 16			

BASIS OF BEARING IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.

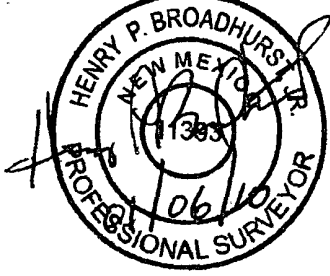
¹⁷ OPERATOR CERTIFICATION

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 1/13/2010
Signature
Crystal Tafoya
Printed Name
Regulatory Technician
Title and E-mail Address
January 13, 2010
Date

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: 12/01/09
Signature and Seal of Professional Surveyor:

 Certificate Number: NM 11393

PROJECT PROPOSAL - New Drill / Sidetrack

GRAMBLING C 1P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9385		AFE \$: 888,950.00	
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				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Surface Datum Code: NAD 27 Straight Hole					
Latitude: 36.815514		Longitude: -107.852346		X:	Y:
Footage X: 2343 FEL		Footage Y: 1331 FNL		Elevation: 6414 (FT)	Section: 14
Tolerance:		Range: 010W			
Location Type: Year Round		Start Date (Est.): 1/1/2011		Completion Date:	
Formation Data: Assume KB = 6429		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6229	<input type="checkbox"/>		
NACIMIENTO	332	6097	<input type="checkbox"/>		
OJO ALAMO	1734	4695	<input type="checkbox"/>		
KIRTLAND	1883	4546	<input type="checkbox"/>		
FRUITLAND	2527	3902	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3081	3348	<input type="checkbox"/>		
LEWIS	3218	3211	<input type="checkbox"/>		
Intermediate Casing	3318	3111	<input type="checkbox"/>		114 8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 888cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3794	2635	<input type="checkbox"/>		
CHACRA	4106	2323	<input type="checkbox"/>		
UPPER CLIFF HOUSE	4595	1834	<input type="checkbox"/>		Gas; Cliffhouse Is Dry
MASSIVE CLIFF HOUSE	4697	1732	<input type="checkbox"/>	395	Gas
MENEFEE	4864	1565	<input type="checkbox"/>		
POINT LOOKOUT	5313	1116	<input type="checkbox"/>		
MANCOS	5663	766	<input type="checkbox"/>		
UPPER GALLUP	6578	-149	<input type="checkbox"/>		
GREENHORN	7325	-896	<input type="checkbox"/>		
GRANEROS	7377	-948	<input type="checkbox"/>		
TWO WELLS	7424	-995	<input type="checkbox"/>	2544	Gas
PAGUATE	7523	-1094	<input type="checkbox"/>		
UPPER CUBERO	7556	-1127	<input type="checkbox"/>		
LOWER CUBERO	7569	-1140	<input type="checkbox"/>		Est. Btm Perf - 7599 (-1170) based on offset wells
ENCINAL	7615	-1186	<input type="checkbox"/>		TD - T/ENCN
Total Depth	7615	-1186	<input type="checkbox"/>		202 6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 585 cuft. Circulate cement a minimum of 100' inside the previous casing string.
Reference Wells:					

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

GRAMBLING C 1P

DEVELOPMENT

Reference Type	Well Name	Comments
Production	GRAMBLING C-13E	30N 10W 14 SE NW SE
Production	GRAMBLING C-1F	30N 10W 14 SW NE NW
Production	GRAMBLING C-1B	30N 10W 14 SW NE NE

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

BURLINGTON RESOURCES OIL & GAS COMPANY LP

GRAMBLING C 1P

1331' FNL, 2343' FEL

SECTION 14, T-30-N, R-10-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

NAD 83 LAT.: 36.815518°N LONG.: 107.852965°W

GROUND ELEV.: 6414 FIN. ELEV.: 6412 NAVD88

NEW ACCESS 65.5'

FROM THE INTERSECTION OF HWY. 550 AND AZTEC BLVD. IN AZTEC,
N.M.:

- GO 1.1 MI. NORTH ON HWY. 550. TURN RIGHT ON STATE HWY. 173, GOING TOWARDS NAVAJO DAM.
- GO 8.3 MI. EAST ON HWY. 173. TURN LEFT (NORTH).
- GO 1.2 MI. NORTH ON SANDY DIRT ROAD. TURN RIGHT AT Y IN ROAD.
- GO 0.15 MI. NORTH, CROSSING DRAINAGE. BEGIN 65.5' NEW ACCESS ROUTE ON LEFT SIDE OF ROAD. NEW WELL IS STAKED HERE.