

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number APR 07 2009 SF-080668 Unit Report and Management Farmington Field Office
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name San Juan 27-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD JUN 17 '09 9. Well Number 147B OIL CONS. DIV. DIST. 3
4. Location of Well Surf: Unit H(ENE), 2366' FNL & 133' FEL Surf: Latitude: 36.60276° N (NAD83) Longitude: 107.23027° W	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 3, T27N, R4W API # 30-039-30743
14. Distance in Miles from Nearest Town 47 miles/Blanco	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 133'	
16. Acres in Lease 2,557.80	17. Acres Assigned to Well MV 319.96 (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1700' from San Juan 27-4 Unit 147 (DK)	
19. Proposed Depth 6833'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7258' GL	22. Approx. Date Work will Start 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 4/7/2009
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

JUN 19 2009

NMOCD

Drilling operations authorized are
subject to compliance with attached
"General Requirements".

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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 87606

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

RECEIVED

APR 07 2009

Bureau of Land Management
Farmington Field Office

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039- 30743		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE		
4 Property Code 7452		5 Property Name SAN JUAN 27-4 UNIT			6 Well Number 147 B	
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			9 Elevation 7258'	

10 Surface Location

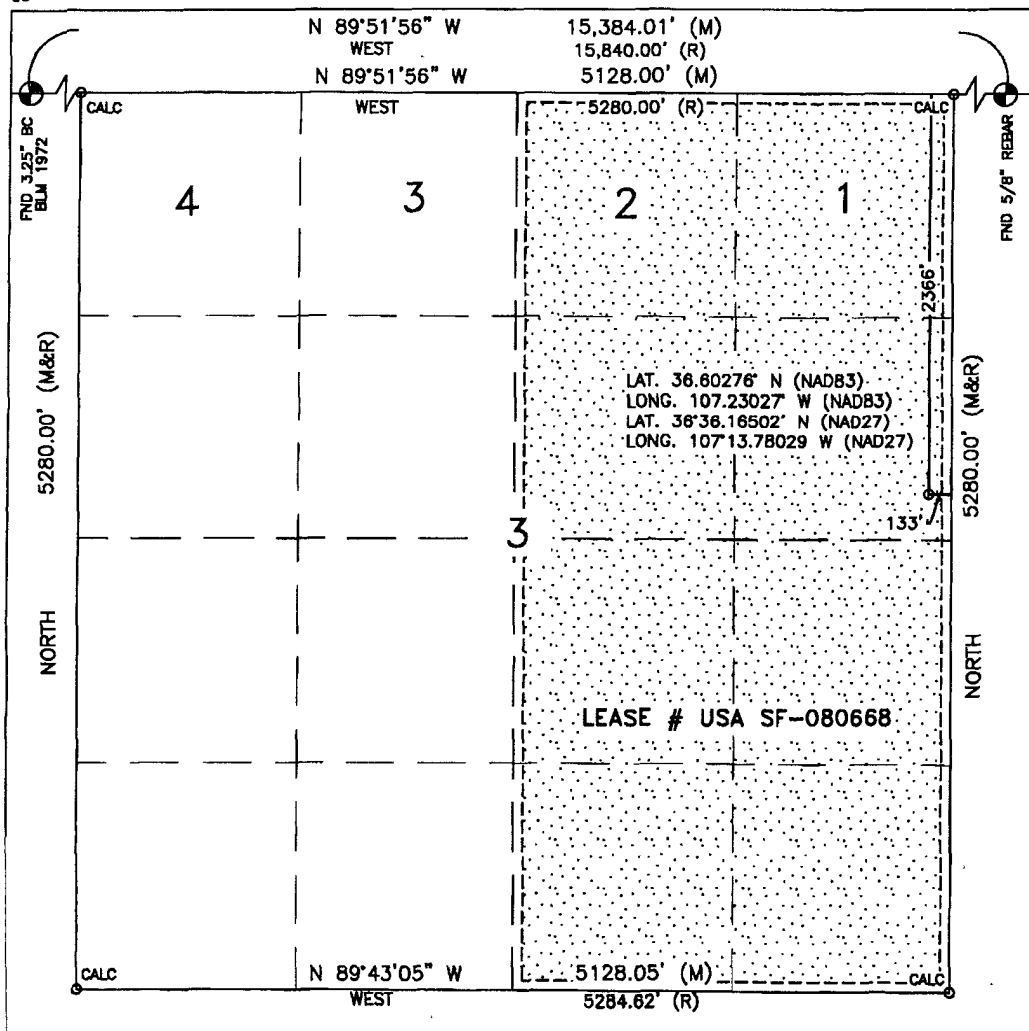
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	3	27N	4W		2366'	NORTH	133'	EAST	RIO ARriba

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
H									
12 Dedicated Acres 319.96 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

16



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.

Crystal Tafoya 4/2/09
Signature Date

Crystal Tafoya 4-2-09
Printed Name

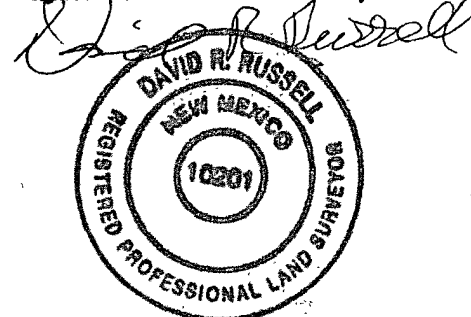
18 SURVEYOR CERTIFICATION

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.

FEBRUARY 11, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 27-4 UNIT 147B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9028		AFE \$: 1,112,927.32	
Field Name: hBR_SAN JUAN 27-4 UNIT		Rig: Aztec Rig 730		State: NM	County: RIO ARRIBA
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				
R20002	MESAVERDE(R20002)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.602840	Longitude: -107.229712	X:	Y:	Section: 03	Range: 004W
Footage X: 145 FEL	Footage Y: 2330 FNL	Elevation: 7260 (FT)	Township: 027N		
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2010		Completion Date:	Date In Operation:
Formation Data: Assume KB = 7275 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	350	6925	<input type="checkbox"/>		
OJO ALAMO	3662	3613	<input type="checkbox"/>		
KIRTLAND	3767	3508	<input type="checkbox"/>		
FRUITLAND	3828	3447	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	4140	3135	<input type="checkbox"/>		
LEWIS	4272	3003	<input type="checkbox"/>		
Intermediate Casing	4372	2903	<input type="checkbox"/>		
CHACRA	5163	2112	<input type="checkbox"/>		
UCLFH	5788	1487	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	5980	1295	<input type="checkbox"/>	1400	Gas
MENEFEE	6065	1210	<input type="checkbox"/>		
MASSIVE POINT LOOKOUT	6333	942	<input type="checkbox"/>		
Total Depth	6833	442	<input type="checkbox"/>		
12-1/4 hole. 350' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 265 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20 / 23 ppf, J-55, STC / LTC Casing. Cement with 978 cuft. Circulate cement to surface.					
6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 340 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name	Comments			
Production	27-4 147	NE 3-27N-4W			

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 27-4 UNIT 147B

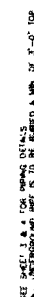
DEVELOPMENT

Logging Program:Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

GR_CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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6.30 : 1334MS

[illegible]

BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 27-4 UNIT #147 B
2365' FNL & 90' FEL
LOCATED IN THE SE/4 NE/4 OF SECTION 3,
T27N, R4W, N.M.P.M.,
RIO ARRIBA, NEW MEXICO

DIRECTIONS

- 1) FROM BLANCO, NM TRAVEL EAST ON HWY 64, 31 MILES TO FOREST ROAD 314.
- 2) TRAVEL SOUTH ON FOREST ROAD 314 FOR 13.5 MILES TO FOREST ROAD 314AA.
- 3) TURN RIGHT AND TRAVEL 1.0 MILES.
- 4) TURN LEFT AND TRAVEL 1.0 MILES TO FLAGGED ACCESS ON RIGHT.
- 5) FOLLOW FLAG ACCESS 1302' TO WELL.

WELL FLAG LOCATED LAT. 36.60276° N, NAD 83, LONG. 107.23027° W, NAD 83.

