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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 22 2008

Bureau of Land Management
Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

5. Lease Number
NM-013657
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
DK - NMNM 78412C
MV - NMNM 78412A
San Juan 28-6 Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name

9. Well Number
#153N

4. Location of Well
Surf: Unit D (NWNW), 475' FNL & 420' FWL

10. Field, Pool, Wildcat
Basin DK/Blanco MV

Surf: Latitude 36.638217 N
Longitude 107.426081 W

11. Sec., Twn, Rge, Mer. (NMPM)
D Sec. 25, T28N, R6W

API # 30-039-30538

14. Distance in Miles from Nearest Town
43 miles/Bloomfield

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
420'

16. Acres in Lease
480.00

17. Acres Assigned to Well
320.00 (W/2) - DK/MV

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1205' from San Juan 28-6 Unit #153M

19. Proposed Depth
7927'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6660' GR

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: Sasha Spangler
Sasha Spangler (Regulatory Technician)

5-21-08
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature] TITLE AFM

DATE 12/18/08

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

JAN 05 2009

NMOCD

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BUREAU OF LAND MANAGEMENT
FIELD OFFICE

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

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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

MAY 22 2008

Bureau of Land Management
Farmington Field Office

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30538		² Pool Code 72319/71599		³ Pool Name Basin Blanco MESAVERDE / DAKOTA	
⁴ Property Code 7462		⁵ Property Name SAN JUAN 28-6 UNIT			⁶ Well Number 153N
⁷ OGRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP			⁹ Elevation 6660

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
D	25	28-N	6-W		475	NORTH	420	WEST	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
D									

¹² Dedicated Acres 320	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

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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Sasha Spangler</i> Printed Name: Sasha Spangler Title and E-mail Address: Regulatory Technician Date: 02-04-08	
W/2 DEDICATED ACREAGE NM -013667 SECTION 25, T-28-N, R-6-W		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: 12/17/07 Signature and Seal of Professional Surveyor: 	

COMPANY

BURLINGTON

Charge Code

WAN.RFE.PD07.LM

WELL NAME

SAN JUAN 28 - 6 # 153 N

DATE

1/4/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

D 25

28 N

6 W

36.638217 N

107.426081 W

COUNTY

RIO ARRIBA

RECTIFIER

SIZE

NEEDED

EXISTING

1 PHASE

3 PHASE

SOLAR

30/12

x

GROUND BED

x

240 V METER POLE

100 A

x

480 V METER POLE

D C CABLES

8

200 ft

A C CABLES

8

850 ft

Jemez

PRIMARY POWER

x

DISTANCE TO POWER

850 ft

UNDERGROUND

PUMPJACK

WATER PUMP

COMPRESSOR

RTU

SAMS

TANKS

COMMENTS

Install meter pole - plow 850 ft ac to loc - install rectifier system

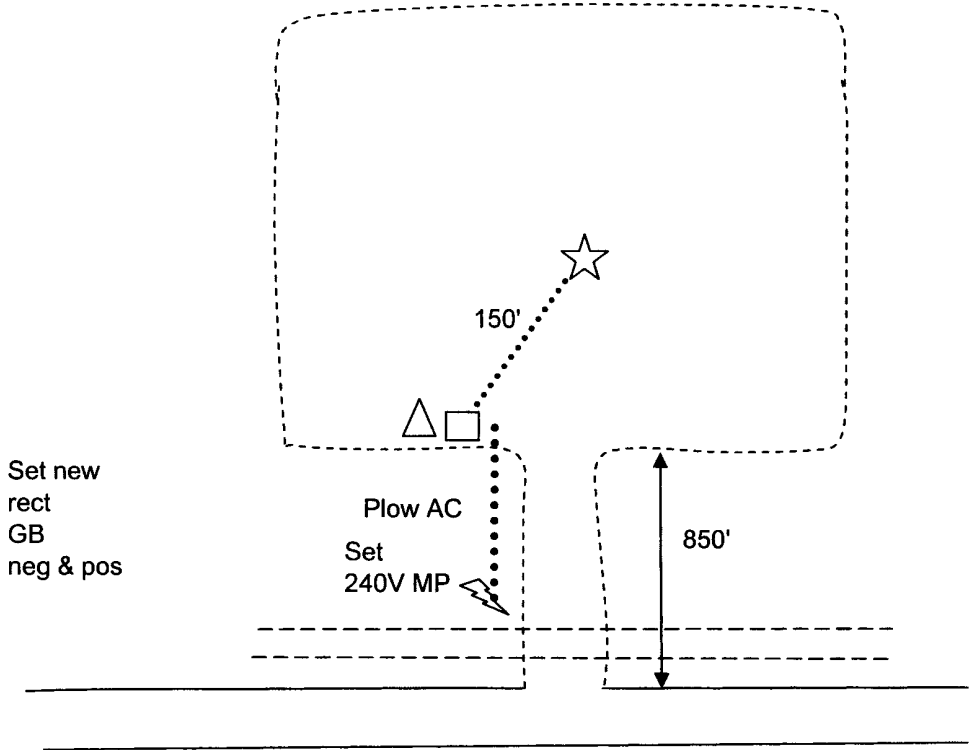
sandy soul

WELL NAME



San Juan 28-6 # 153 N

sandy soil



TANK	SEP OR DEHY	SOLAR	METER POLE	PUMP JACK	GND BED	EXISTING CABLE
RECT	PIT	WELL	PROPOSED SOLAR/GB	PROPOSED CABLE	FOREIGN CABLE	POWER LINE
						CONOCO PIPELINE

BURLINGTON RESOURCES OIL AND GAS COMPANY LP

SAN JUAN 28-6 UNIT #153N

475' FNL, 420' FWL

SECTION 25, T-28-N, R-6-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.638217°N LONG.: 107.426081° W

ELEV.: 6660 NAVD88

NEW ACCESS ROAD 845.5'

DRIVING DIRECTIONS TO BROG SAN JUAN 28-6 UNIT #153N.

DRIVING DIRECTIONS START FROM BLOOMFIELD, N.M. AT
INTERSECTION OF HWY. 64 AND HWY. 550.

- GO EAST 36.4 MI. (TO MILE POST 101.1) AND TURN
RIGHT (BY GOBERNADOR SCHOOL).
- GO 4.5 MI. SOUTH ON C.R. 366 (GENERAL AMERICAN
ROAD). TURN RIGHT.
- GO 0.8 MI. NORTH WEST. TURN LEFT AT "Y" IN ROAD.
- GO 1.0 MI. WEST TO BEGINNING OF 845.5 FT. NEW
ACCESS ON RIGHT (NORTH) SIDE OF ROAD.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 153N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7477				AFE \$:	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: Aztec Rig 184		State: NM	County: RIO ARRIBA	API #:	
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Riley, Brook		Phone: +1 505-324-6108		Prod. Engineer:		Phone:	
Res. Engineer: McKee, Cory J		Phone: 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20002	MESAVERDE(R20002)						
R20076	DAKOTA(R20076)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.638209		Longitude: -107.425478		X:	Y:	Section: 25	Range: 006W
Footage X: 420 FWL		Footage Y: 475 FNL		Elevation: 6660 (FT)	Township: 028N		
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2008		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6672 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6472	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.	
OJO ALAMO	2801	3871	☐				
KIRTLAND	2871	3801	☐				
FRUITLAND	2996	3676	☐			Possible Gas	
PICTURED CLIFFS	3454	3218	☐				
LEWIS	3641	3031	☐				
Intermediate Casing	3741	2931	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 843 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	4058	2614	☐				
CHACRA	4418	2254	☐				
MASSIVE CLIFF HOUSE	5202	1470	☐	661		Gas	
MENEFEE	5281	1391	☐				
MASSIVE POINT LOOKOUT	5641	1031	☐				
MANCOS	5941	731	☐				
UPPER GALLUP	6862	-190	☐				
GREENHORN	7598	-926	☐				
GRANEROS	7666	-994	☐				
TWO WELLS	7701	-1029	☐	2300		Gas	
UPPER CUBERO	7803	-1131	☐				
LOWER CUBERO	7844	-1172	☐				
Total Depth	7927	-1255	☐			6-1/4" hole, 4 1/2" csg. 10.5 / 11.6 J-55 ST&C / LT&C. Cement with 570 cuft. Circulate to at least 100-ft inside previous csg. string.	
ENCINAL	7927	-1255	☐				
Reference Wells:							
Reference Type	Well Name		Comments				
Production	SJ 28-6 # 153M						
Production	SJ 28-6 # 152						

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 153N

DEVELOPMENT

Logging Program:

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

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

GR_CBL. Mudlogger begin 100' above Greenhorn. Mudlogger call TD. TD at top of Encinal. Bott perf 15' above TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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