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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 08 2010

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NM-05493 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 NMNM-78412A-MV NMNM-78412C-DK 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 RCVD MAR 23 '10 OIL CONS. DIV. DIST. 3
4. Location of Well Unit P(SESE), 240' FSL & 180' FEL Latitude: 36.669178° N (NAD83) Longitude: 107.464140° W	10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) P Sec. 9, T28N, R6W API # 30-039-30947
14. Distance in Miles from Nearest Town 27 miles / Blanco	12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 180'	13. State NM
16. Acres in Lease 640.00	17. Acres Assigned to Well 354.79 DK & 284.20 MV R-2948
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1773' from San Juan 28-6 Unit 48	
19. Proposed Depth 8060'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6734' 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>Crystal Tafoya</u> Crystal Tafoya (Regulatory Technician)	Date: <u>3/8/2010</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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

APPROVAL OR ACCEPTANCE OF THIS
THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

MAR 31 2010

P.A. NMOCD

DISTRICT I
1625 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 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

Form C-102

Revised October 12, 2005

Bureau of Land Management

Farmington Field Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 30947	² Pool Code 71599/72319	³ Pool Name BLANCO BASIN DAKOTA/MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28 - 6 UNIT	⁶ Well Number 120M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6734'

¹⁰ Surface Location

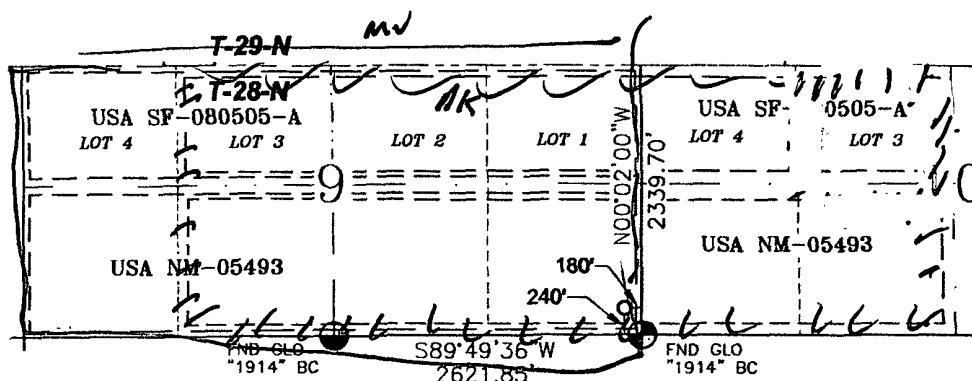
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	9	28-N	6-W		240'	SOUTH	180'	EAST	RIO ARRIBA

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
P									
¹² Dedicated Acres DK= S1/2 354.79 ACRES MV=S1/2 284.20 ACRES			¹³ Joint or Infill Sec 9		¹⁴ Consolidation Code		¹⁵ Order No. R-2948 (DK) 4173		

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



LATITUDE: 36°40.1502' N
LONGITUDE: 107°27.8122' W
NAD27

LATITUDE: 36.669178°
N LONGITUDE: 107.464140° W
NAD83

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.

Crystal Tafoya 3/11/09
Signature
Crystal Tafoya 3-11-09
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.

3-5-09
Date of Survey
Signature and Seal of Professional Surveyor:
GLEN A. RUSSELL
NEW MEXICO
15703
LICENSED PROFESSIONAL SURVEYOR

Glen Russell
Certificate Number 15703

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 120M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8267				AFE \$: 1,417,083.58	
Field Name: SAN JUAN 28-6 UNIT		Rig:		State: NM	County: RIO ARRIBA		API #:
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:		Phone:	
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
R20076	DAKOTA(R20076)						
R20002	MESAVERDE(R20002)						
Location: Surface Datum Code: NAD 27 Straight Hole							
Latitude: 36.669170		Longitude: -107.463536		X:	Y:	Section: 09	Range: 006W
Footage X: 180 FEL		Footage Y: 240 FSL		Elevation: 6734 (FT)		Township: 028N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2012		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6747 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6547	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.	
OJO ALAMO	2835	3912	☐				
KIRTLAND	2945	3802	☐				
FRUITLAND	3216	3531	☐			Possible Gas	
PICTURED CLIFFS	3613	3134	☐	1072			
LEWIS	3762	2985	☐				
Intermediate Casing	3862	2885	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 925 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	4219	2528	☐				
CHACRA	4585	2162	☐				
MASSIVE CLIFF HOUSE	5339	1408	☐	405		Gas	
MENEFEE	5484	1263	☐				
POINT LOOKOUT	5805	942	☐				
MANCOS	6293	454	☐				
UPPER GALLUP	7007	-260	☐				
GREENHORN	7739	-992	☐				
GRANEROS	7801	-1054	☐				
TWO WELLS	7849	-1102	☐	2536		Gas	
UPPER CUBERO	7941	-1194	☐				
LOWER CUBERO	7981	-1234	☐				
ENCINAL	8059	-1312	☐				
Total Depth	8060	-1313	☐			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 615 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 28-6 UNIT 120M

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. Perf 14' above td.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Directions from the Post Office
In Blanco, NM to
Burlington Resources Oil & Gas Company LP
SAN JUAN 28-6 UNIT 120M
240' FSL & 180' FEL,
Section 9, T28N, R6W, N.M.P.M., Rio Arriba County,
New Mexico

Latitude: 36° 40' 09.040" N
Longitude: 107° 27' 50.905" W
Nad 1983

From the Post Office in Blanco, NM
Take Hwy 64 east for 22.8 miles
Turn right (southeasterly) for 1.96 miles.
Turn right (southwesterly) for 1.3 miles,
To the top of snake hill,
Turn right (northwesterly) 0.4 miles,
To the beginning of new access
on the right (north) side of the road
which begins and continues northerly for 664.39'
to the newly staked well location.