

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 01 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK ^{and Management}
^{and Management} Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-079192 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 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 122N	
4. Location of Well Surf: Unit K(NESW), 1550' FSL & 1540' FWL Bottomhole: Unit L(NWSW), 2300' FSL & 300' FWL Surf: Latitude: 36.65829° N (NAD83) Longitude: 107.45826° W Bottomhole: Latitude: 36.66034° N (NAD83) Longitude: 107.46249° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 15, T28N, R6W API # 30-039-30790	
14. Distance in Miles from Nearest Town 7 miles/Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1540'		
16. Acres in Lease 1920.000	17. Acres Assigned to Well MV/DK 320 (W/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 340' from San Juan 28-6 Unit 438		
19. Proposed Depth 7916'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6593' 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 JUL 30, 2009	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Tracey N. Monroe (Staff Regulatory Technician)	Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 9/24/09

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

for Directional Survey and "As Drilled" plat

NMOC

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

OCT 02 2009

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

SEP 28 2009

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surface: Unit K (NESW), 1550' FSL & 1540' FWL, Section 15, T28N, R6W, NMPM

Bottomhole: Unit L (NWSW), 2300' FSL & 300' FWL, Section 15, T28N, R6W, NMPM

5. Lease Number
SF-079192

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
San Juan 28-6 Unit

8. Well Name & Number
San Juan 28-6 Unit 122N

9. API Well No.

30-039- 30790

10. Field and Pool
Blanco MV / Basin DK

11. County and State
Rio Arriba, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

Other - Move surface location

13. Describe Proposed or Completed Operations

Burlington Resources wishes to move the subject well from the on-site location of Unit K (NESW), 1545' FSL & 1490' FWL, Sec. 15, T28N, R6W to Unit K (NESW), 1550' FSL & 1540' FWL, Sec. 15, T28N, R6W. The APD was submitted on 6/30/09 with the correct footages. ✓

RCVD SEP 29 '09

OIL CONS. DIV.

DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya

Title Regulatory Technician Date 9/23/2009

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

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

RECEIVED

JUL 01 2009

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

Bureau of Land Management
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-30790	*Pool Code 72319 / 71599	*Pool Name BLANCO MESAVERDE / BASIN DAKOTA
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT	*Well Number 122N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	*Elevation 6593'

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
K	15	28N	6W		1550	SOUTH	1540	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
L	15	28N	6W		2300	SOUTH	300	WEST	RIO ARriba

12 Dedicated Acres	320.0 Acres - W/2 (MV) 320.0 Acres - W/2 (DK)	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

<div>15</div> <div>LEASE USA SF-079192</div> <div>BOTTOM-HOLE LAT: 36°39.6197'N LONG: 107°27.7134'W DATUM: NAD1927 LAT: 36.66034°N LONG: 107.46249°W DATUM: NAD1983</div> <div>SURFACE LOCATION LAT: 36°39.4968'N LONG: 107°27.4593'W DATUM: NAD1927 LAT: 36.65829°N LONG: 107.45826°W DATUM: NAD1983</div> <div>340' 300' 1448.9' N58°17.5'W 1540' 2300' 2335' 1090' 1095' 1550'</div> <div>5283.96'</div> <div>5282.64'</div>	<div>17 OPERATOR CERTIFICATION</div> <p>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.</p> <p><i>Crystal Tafoya</i> 5/26/09 Signature Date Crystal Tafoya 5-26-09 Printed Name</p> <div>18 SURVEYOR CERTIFICATION</div> <p>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</p> <p>Survey Date: FEBRUARY 16, 2009</p> <p>Signature and Seal of Professional Surveyor</p> <div> JASON C. EDWARDS Certificate Number 15269</div>
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 122N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7459				AFE \$: 1,824,861.86	
Field Name: SAN JUAN 28-6 UNIT		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA		API #:
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)						
R20076	DAKOTA(R20076)						
Location: Datum Code: NAD 27							
Latitude: 36.658282	Longitude: -107.457656	X:	Y:	Section: 15		Range: 006W	
Footage X: 1540 FWL	Footage Y: 1550 FSL	Elevation: 6593	(FT)	Township: 028N			
Tolerance:							
Location: Datum Code: NAD 27							
Latitude: 36.660332	Longitude: -107.461886	X:	Y:	Section: 15		Range: 006W	
Footage X: 300 FWL	Footage Y: 2300 FSL	Elevation:	(FT)	Township: 028N			
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6608		Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	201	6407	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 160 cuft. Circulate cement to surface.	
NACIMIENTO	1343	5265	<input type="checkbox"/>				
OJO ALAMO	2683	3925	<input type="checkbox"/>				
KIRTLAND	2790	3818	<input type="checkbox"/>				
FRUITLAND	3083	3525	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3436	3172	<input type="checkbox"/>				
LEWIS	3588	3020	<input type="checkbox"/>				
HUERFANITO BENTONITE	4168	2440	<input type="checkbox"/>				
Intermediate Casing	4390	2218	<input type="checkbox"/>			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 1055 cuft. Circulate cement to surface.	
CHACRA	4412	2196	<input type="checkbox"/>			Est. Top Perf - 4413 (2194)	
UPPER CLIFF HOUSE	5090	1518	<input type="checkbox"/>			Gas	
MASSIVE CLIFF HOUSE	5201	1407	<input type="checkbox"/>	450		Gas	
MENEFEE	5352	1256	<input type="checkbox"/>				
POINT LOOKOUT	5676	932	<input type="checkbox"/>				
MANCOS	6110	498	<input type="checkbox"/>				
UPPER GALLUP	6858	-250	<input type="checkbox"/>				
GREENHORN	7602	-994	<input type="checkbox"/>				
GRANEROS	7664	-1056	<input type="checkbox"/>				
TWO WELLS	7704	-1096	<input type="checkbox"/>	2638		Gas	
PAGUATE	7778	-1170	<input type="checkbox"/>				
UPPER CUBERO	7810	-1202	<input type="checkbox"/>				
LOWER CUBERO	7848	-1240	<input type="checkbox"/>			Est. Btm Perf - 7900 (-1293) based on offset wells	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 122N

DEVELOPMENT

ENCINAL	7916	-1308	<input type="checkbox"/>	TD - T/ENCN
Total Depth	7916	-1308	<input type="checkbox"/>	6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 482 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	SJ 28-6 122	28N 6W 15 NE SW
Production	SJ 28-6 438	28N 6W 15 SW NE SW
Production	SJ 28-6 123-R	28N 6W 16 NE SW NE

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
Cased Hole GR / CBL	
Mudlog from 100' above top of GRHN to TD - mudlogger will call TD.	

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

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well: SJ 28-6 #122N
Company:	ConocoPhillips SJB	TVD Reference:	RKB @ 6608.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6608.0ft (Original Well Elev)
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #122N	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-6 #122N Wellbore #1		
Design:	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
7,300.0	0.00	0.00	7,005.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,105.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,205.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,305.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,405.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,505.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,896.8	0.00	0.00	7,602.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Greenhorn										
7,900.0	0.00	0.00	7,605.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
7,958.8	0.00	0.00	7,664.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Graneros										
7,998.8	0.00	0.00	7,704.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Two Wells										
8,000.0	0.00	0.00	7,705.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
8,072.8	0.00	0.00	7,778.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Paguate										
8,100.0	0.00	0.00	7,805.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
8,104.8	0.00	0.00	7,810.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Upper Cubero										
8,142.8	0.00	0.00	7,848.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Lower Cubero										
8,200.0	0.00	0.00	7,905.1	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
8,209.8	0.00	0.00	7,915.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Production										
8,210.8	0.00	0.00	7,916.0	745.8	-1,242.3	1,448.9	0.00	0.00	0.00	
Encinal SJ 28-6 #122N TD										

Targets									
Target Name	hit/miss target	Dip Angle (°)	Dip Dir (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	
SJ 28-6 #122N ICP		0.00	0.00	4,390.0	745.8	-1,242.3	2,059,823.15	608,947.89	
- plan hits target center									
- Point									
SJ 28-6 #122N TD		0.00	0.00	7,916.0	745.8	-1,242.3	2,059,823.15	608,947.89	
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
200.0	200.0	Surface	9-5/8	12-1/4	
4,684.8	4,390.0	Intermediate	7	8-3/4	
8,209.8	7,915.0	Production	4-1/2	6-1/4	

ConocoPhillips or its affiliates

Planning Report

Database:	EDM Central Planning	Local Co-ordinate Reference:	Well SJ 28-6 #122N
Company:	ConocoPhillips SJBU	TVD Reference:	RKB @ 6608 0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	RKB @ 6608 0ft (Original Well Elev)
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #122N	Survey Calculation Method:	Minimum Curvature
Wellbore:	SJ 28-6 #122N Wellbore #1		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,688.5	3,436.0	Pictured Cliffs		0.00		
7,998.8	7,704.0	Two Wells		0.00		
7,152.8	6,858.0	Upper Gallup		0.00		
8,104.8	7,810.0	Upper cubero		0.00		
2,852.0	2,683.0	Ojo		0.00		
5,970.8	5,676.0	Point Lookout		0.00		
4,462.3	4,168.0	Huerfano Bentonite		0.00		
5,384.8	5,090.0	Upper Cliffhouse		0.00		
8,142.8	7,848.0	Lower Cubero		0.00		
2,970.9	2,790.0	Kirtland		0.00		
1,367.5	1,343.0	Nacimiento		0.00		
5,495.8	5,201.0	Mass Cliffhouse		0.00		
8,210.8	7,916.0	Encinal		0.00		
5,646.8	5,352.0	Menefee		0.00		
7,896.8	7,602.0	Greenhorn		0.00		
4,706.8	4,412.0	Chacra		0.00		
6,404.8	6,110.0	Mancos		0.00		
3,296.4	3,083.0	Fruitland		0.00		
8,072.8	7,778.0	Paguate		0.00		
3,857.2	3,588.0	Lewis		0.00		
7,958.8	7,664.0	Graneros		0.00		

Directions from the Intersection of US Hwy 550 South & US Hwy 64 in Bloomfield, NM
to Burlington Resources Oil & Gas Company San Juan 28-6 Unit #122N
1550' FSL & 1540' FWL, Section 15, T28N, R6W, N.M.P.M., Rio Arriba County, NM

Latitude: 36.65829°N Longitude: 107.45826°W Datum: NAD1983

From the intersection of US Hwy 550 South & US Hwy 64 in Bloomfield, NM, travel Easterly on US Hwy 64 for 31.9 miles to the San Juan 29-6 Water Well #1 @ Milepost 96.3;

Go right (South-easterly) on Trunk-L Road for 2.0 miles to fork in road;

Go right (South-westerly) for 1.3 miles to fork in road at top of Snake Hill;

Go left (South-easterly) for 1.1 miles to fork in road;

Go right (North-westerly) for 0.1 miles to fork in road;

Go right (North-westerly) for 0.6 miles to new access on right-hand side of existing roadway which continues for 309.9' to staked location which overlaps an abandoned wellpad.