

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JAN 15 2009

1a. Type of Work DRILL	5. Lease Number Bureau of Land Management USA SF-079051 Farmington Field Office 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 RCVD FEB 2 2009 9. Well Number 133N OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit D (NWNW), 500' FNL & 990' FWL BHL: Unit A (NENE), 600' FNL & 330' FEL Surf: Latitude: 36.608958 N Longitude: 107.459471 W BHL: Latitude: 36.608679 N Longitude: 107.463982 W	10. Field, Pool, Wildcat Basin DK / Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Surf: Sec. 3, T27N, R6W BHL: Sec. 4, T27N, R6W API # 30-039-30657	
14. Distance in Miles from Nearest Town 40 mile/Bloomfield	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 500'	17. Acres Assigned to Well (N/2) 322.08 DK / (E/2) 321.08 MV	
16. Acres in Lease 1,753.380		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 53' from San Juan 28-6 Unit 98M (DK/MV)		
19. Proposed Depth 7887'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6700' 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: <i>James Gardenhire</i> James Gardenhire (Regulatory Technician)	1-15-09 Date	

PERMIT NO.

APPROVED BY

APPROVAL DATE

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

FEB 05 2009

NMOC

Hold C104

for Directional Survey
and "As Drilled" plat

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30057		² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT		⁶ Well Number 133N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		⁹ Elevation 6700

¹⁰ SURFACE LOCATION

UL or lot no. D	Section 3	Township 27-N	Range 6-W	Lot Idn (4)	Feet from the 500	North/South line NORTH	Feet from the 990	East/West line WEST	County RIO ARRIBA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. A	Section 4	Township 27-N	Range 6-W	Lot Idn (1)	Feet from the 600	North/South line NORTH	Feet from the 330	East/West line EAST	County RIO ARRIBA
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¹² Dedicated Acres N/2 322.08 DK E/2 321.08 MV	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 <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> 8/4/08 Signature Crystal Tafoya Printed Name Regulatory Technician Title and E-mail Address August 4, 2008 Date</p>
¹⁸ SURVEYOR CERTIFICATION <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>Date of Survey: 5/09/08 Signature and Seal of Professional Surveyor: </p> <p>Certificate Number: NM 11393</p>		

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PD08.08		
SAN JUAN 28 - 6 # 133 N		DATE 7/24/2008
WELL NAME	SAN JUAN 28 - 6 # 98 M	
WELL NAME		

COORDINATES

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
D 3	27 N	6 W	36.608958 N	107.459471 W

COUNTY

RIO ARRIBA

RECTIFIER
SOLAR
GROUND BED
240 V METER POLE
480 V METER POLE
D C CABLES
A C CABLES
PRIMARY POWER
DISTANCE TO POWER
UNDERGROUND
PUMPJACK
WATER PUMP
COMPRESSOR
RTU
SAMS
TANKS

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
(12/6)	X	X		
	X	X		
# 8	200'			
			JEMEZ	
			.7 MILES	

COMMENTS

1 PHASE JEMEZ PRIMARY .7 MILES
EXISTING UGAC .5 MILES
SAND AND SANDSTONE
INSTALL NEW GBED
RFEMOVE SINGLE SOLAR AND INSTALL DUAL SOLAR

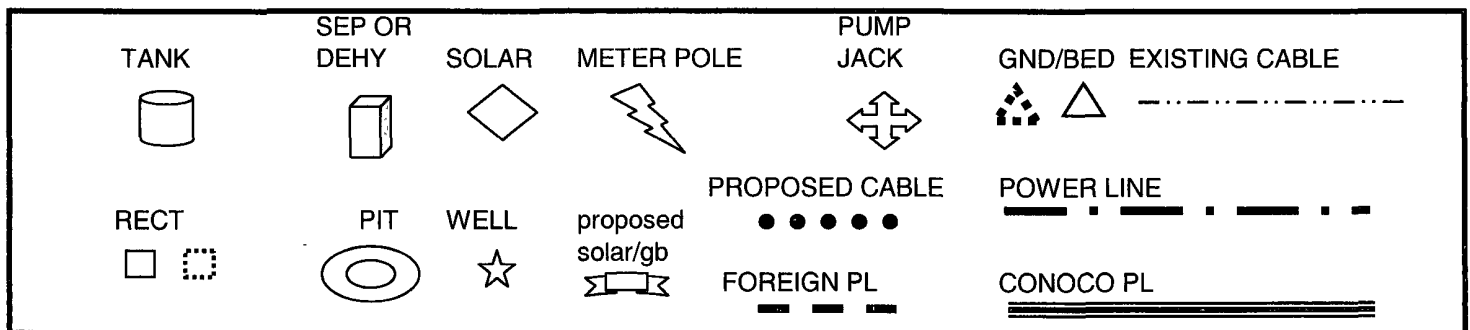
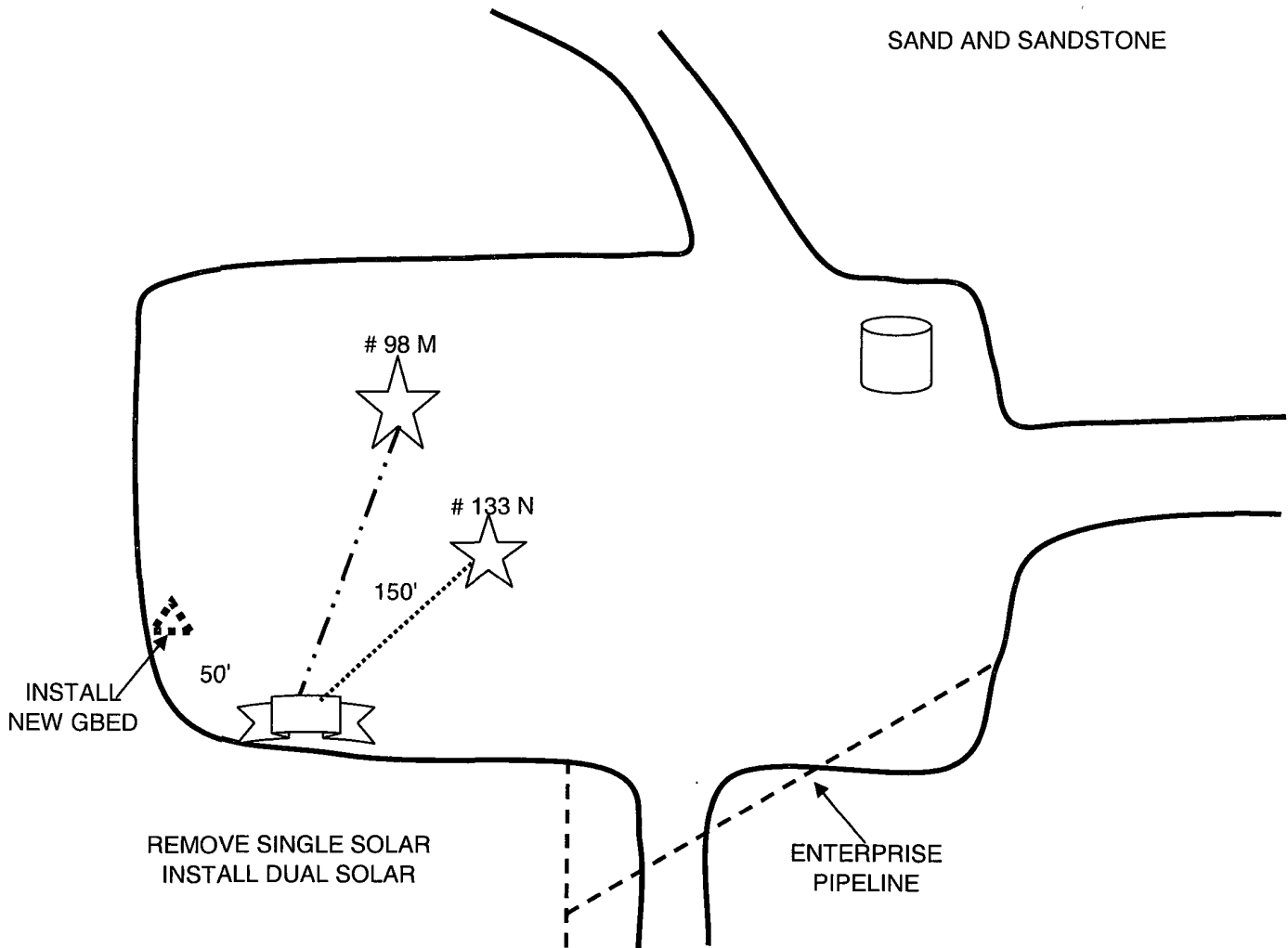
WELL NAME	SAN JUAN 28 - 6 # 133 N
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N ↑

1 PHASE JEMEZ PRIMARY .7 MILES

EXISTING UGAC .5 MILES

SAND AND SANDSTONE



BURLINGTON RESOURCES OIL & GAS COMPANY LP

SAN JUAN 28-6 UNIT #133N

500' FNL, 990' FWL

SECTION 3, T-27-N, R-6-W, N.M.P.M.

RIO ARriba COUNTY, NEW MEXICO

NAD 83 LAT.: 36.608958° N LONG.: 107.459471° W

ELEV.: 6700 NAVD88

NO NEW ACCESS

DRIVING DIRECTIONS FROM BLOOMFIELD, N.M. AT INTERSECTION OF HWY 550 AND HWY 64: TRAVEL EAST ON HWY 64 FOR 31.7 MILES (MILE POST 96.2) AND TURN RIGHT, ON COUNTY ROAD #495, AT "29-6 WATER HOLE".

- GO: 3.4 MILES SOUTH EAST ON CR # 495. TURN RIGHT AT FORK IN ROAD.
- GO: 2.1 MILES TO "CROWS FOOT" ROAD INTERSECTION & CONTINUE SOUTH WEST ON MAIN ROAD.
- GO: 1.7 MILES SOUTH WEST. TURN LEFT ON WELL ACCESS ROAD.
- GO: 0.7 MILES SOUTH TO EXISTING WELL LOCATION, BROG SJ 28-6 UNIT #98M. NEW WELL STAKED AS TWIN ON THE WEST SIDE OF THIS LOCATION.

RECEIVED

JAN 26 2009

ConocoPhillips

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 133N

Farmington Field Office
DEVELOPMENT

Lease:		AFE #: WAN.CDR.8008				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 673		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						
FRR	BASIN DAKOTA (PRORATED GAS)						
RON	BLANCO MESAVERDE (PRORATED GAS)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.608949		Longitude: -107.458867		X:	Y:	Section: 03	Range: 006W
Footage X: 990 FWL		Footage Y: 500 FNL		Elevation: 6700 (FT)		Township: 027N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27							
Latitude: 36.608671		Longitude: -107.463378		X:	Y:	Section: 04	Range: 006W
Footage X: 330 FEL		Footage Y: 600 FNL		Elevation: (FT)		Township: 027N	
Tolerance:							
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6715 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6515	<input type="checkbox"/>			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	2769	3946	<input type="checkbox"/>				
KIRTLAND	2861	3854	<input type="checkbox"/>				
FRUITLAND	3070	3645	<input type="checkbox"/>			Possible Gas	
PICTURED CLIFFS	3460	3255	<input type="checkbox"/>				
LEWIS	3580	3135	<input type="checkbox"/>				
HUERFANITO BENTONITE	4032	2683	<input type="checkbox"/>				
CHACRA	4383	2332	<input type="checkbox"/>				
Intermediate Casing	4500	2215	<input type="checkbox"/>			8 3/4" Hole. 7", 23 ppf, J-55, STC Casing. Cement with 1068 cuft. Circulate cement to surface.	
UPPER CLIFF HOUSE	4975	1740	<input type="checkbox"/>			Gas	
MASSIVE CLIFF HOUSE	5079	1636	<input type="checkbox"/>	650		Gas	
MENEFEE	5207	1508	<input type="checkbox"/>				
POINT LOOKOUT	5607	1108	<input type="checkbox"/>				
MANCOS	6030	685	<input type="checkbox"/>				
UPPER GALLUP	6826	-111	<input type="checkbox"/>				
GREENHORN	7565	-850	<input type="checkbox"/>				
GRANEROS	7628	-913	<input type="checkbox"/>				
TWO WELLS	7660	-945	<input type="checkbox"/>	2600		Gas	
UPPER CUBERO	7781	-1066	<input type="checkbox"/>				
LOWER CUBERO	7811	-1096	<input type="checkbox"/>				
Total Depth	7887	-1172	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 463 cuft. Circulate cement a minimum of 100' inside the previous casing string.	

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 133N

DEVELOPMENT

Reference Wells:		
Reference Type	Well Name	Comments

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
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GR_CBL. Mud logger begin 100' above Greenhorn. TD 76' from top of Lower Cubero (see SJ 28-6 #164 log). BRCN possibly present.

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 #133N
Company:	ConocoPhillips SJB	TVD Reference:	Generic 15' KB @ 6715.0ft (Original Well Elev)
Project:	San Juan Basin - New Mexico Wells	MD Reference:	Generic 15' KB @ 6715.0ft (Original Well Elev)
Site:	San Juan 28 Wells	North Reference:	True
Well:	SJ 28-6 #133N	Survey Calculation Method:	Minimum Curvature
Wellbore:	Principal Wellbore		
Design:	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
2,906.9	2,769.0	Ojo Alamo		0.00		
3,006.3	2,861.0	Kirtland		0.00		
3,232.2	3,070.0	Fruitland		0.00		
3,653.7	3,460.0	Pictured Cliffs		0.00		
3,783.4	3,580.0	Lewis		0.00		
4,265.0	4,032.0	Huerfano Bentonite		0.00		
4,620.7	4,383.0	Chacra		0.00		
5,212.8	4,975.0	Upper Cliffhouse		0.00		
5,316.8	5,079.0	Mass. Cliffhouse		0.00		
5,444.8	5,207.0	Menefee		0.00		
5,844.8	5,607.0	Point Lookout		0.00		
6,267.8	6,030.0	Mancos		0.00		
7,063.8	6,826.0	Upper Gallup		0.00		
7,802.8	7,565.0	Greenhorn		0.00		
7,865.8	7,628.0	Graneros		0.00		
7,897.8	7,660.0	Two Wells		0.00		
8,018.8	7,781.0	Upper cubero		0.00		
8,048.8	7,811.0	Lower Cubero		0.00		

BURLINGTON RESOURCES OIL & GAS COMPANY LP

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