

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NOV 04 2008

1a. Type of Work **DRILL** 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

5. Lease Number **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
9. Well Number **#130P** **RCVD NOV 13 '09 OIL CONS. DIV. DIST. 3**

4. Location of Well **Surf: Unit O(SWSE), 570' FSL & 1625' FEL** 10. Field, Pool, Wildcat **Basin DK/Blanco MV**
11. Sec., Twn, Rge, Mer. (NMPM) **Sec. 32, T28N, R6W**
Surf: Latitude 36.611862 N Longitude 107.486866 W **Lat 2/0** **API # 30-039-30583**

14. Distance in Miles from Nearest Town **38.6 miles/Bloomfield, NM** 12. County **Rio Arriba** 13. State **NM**

15. Distance from Proposed Location to Nearest Property or Lease Line **570'**
16. Acres in Lease **1753.380** 17. Acres Assigned to Well **325.04 (E/2) - DK/MV**

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease **1190' from San Juan 28-6 Unit #134N DK/MV**
19. Proposed Depth **7747'** 20. Rotary or Cable Tools **Rotary**

21. Elevations (DF, FT, GR, Etc.) **6547' GR** 22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program **See Operations Plan attached**

24. Authorized by: **Jamie Goodwin** **11/3/08**
Jamie Goodwin (Regulatory Technician) Date

PERMIT NO. **APPROVAL DATE**
APPROVED BY **DATE 11/10/09**

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

NOV 17 2009
NMOCD

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

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

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

NOV 04 2008

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 30-039-30583	² Pool Code 72319 / 71599	³ Pool Name MESAVERDE / DAKOTA
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-8 UNIT	⁶ Well Number 130P
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6547

¹⁰ SURFACE LOCATION

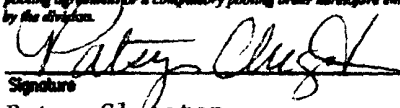
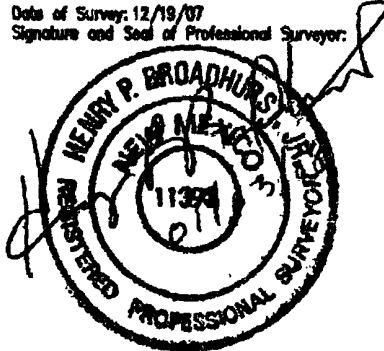
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	28-N	6-W		570	SOUTH	1625	EAST	RIO ARriba

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
0									

¹² Dedicated Acres 325.04	¹³ Joint or Infill E/2	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

5346.0' (R) 5273.5' (M)	USA SF-079048-B SECTION 32, T-28-N, R-6-W		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 undivided 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 Patsy Clugston Printed Name Reg. Spec. clugsp1@conocophillips.com Title and E-mail Address 1/4/08 Date	
	W/2 DEDICATED ACREAGE USA SF-079081 WELL FLAG NAD 83 LAT: 38.611882° N LONG: 107.486868° W NAD 27 LAT: 38.711235° N LONG: 107.29.175898° 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: 12/19/07 Signature and Seal of Professional Surveyor:  Certificate Number: NM 11383
	1625' N 0°05'00" W S 87°12'59" E 570' N 89°36'00" W N 89°57'15" W 2608.0' (R) 2640.0' (M)			

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON		
WAN.RFE.PD07.LR		
SAN JUAN 28 - 6 # 130 P	DATE	1/4/2008
WELL NAME		
WELL NAME		

COORDINATES	SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
	O 32	28 N	6 W	36.611862 N	107.486866 W

COUNTY

RIO ARRIBA

	SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
RECTIFIER	30/12	x			
SOLAR					
GROUND BED		x			
240 V METER POLE	100 A	x			
480 V METER POLE					
D C CABLES	# 8	200 ft			
A C CABLES	# 8	300 ft		Jemez	
PRIMARY POWER				x	
DISTANCE TO POWER				100 ft	
UNDERGROUND					
PUMPJACK					
WATER PUMP					
COMPRESSOR					
RTU					
SAMS					
TANKS					

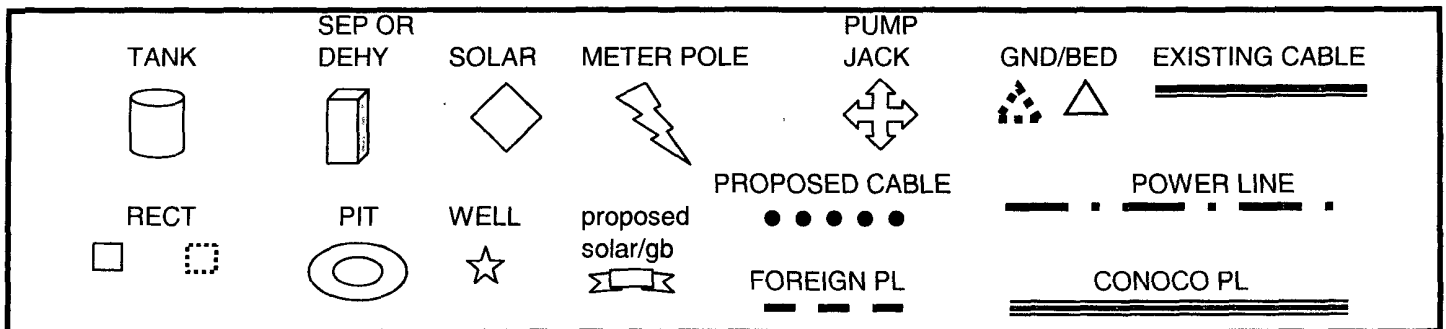
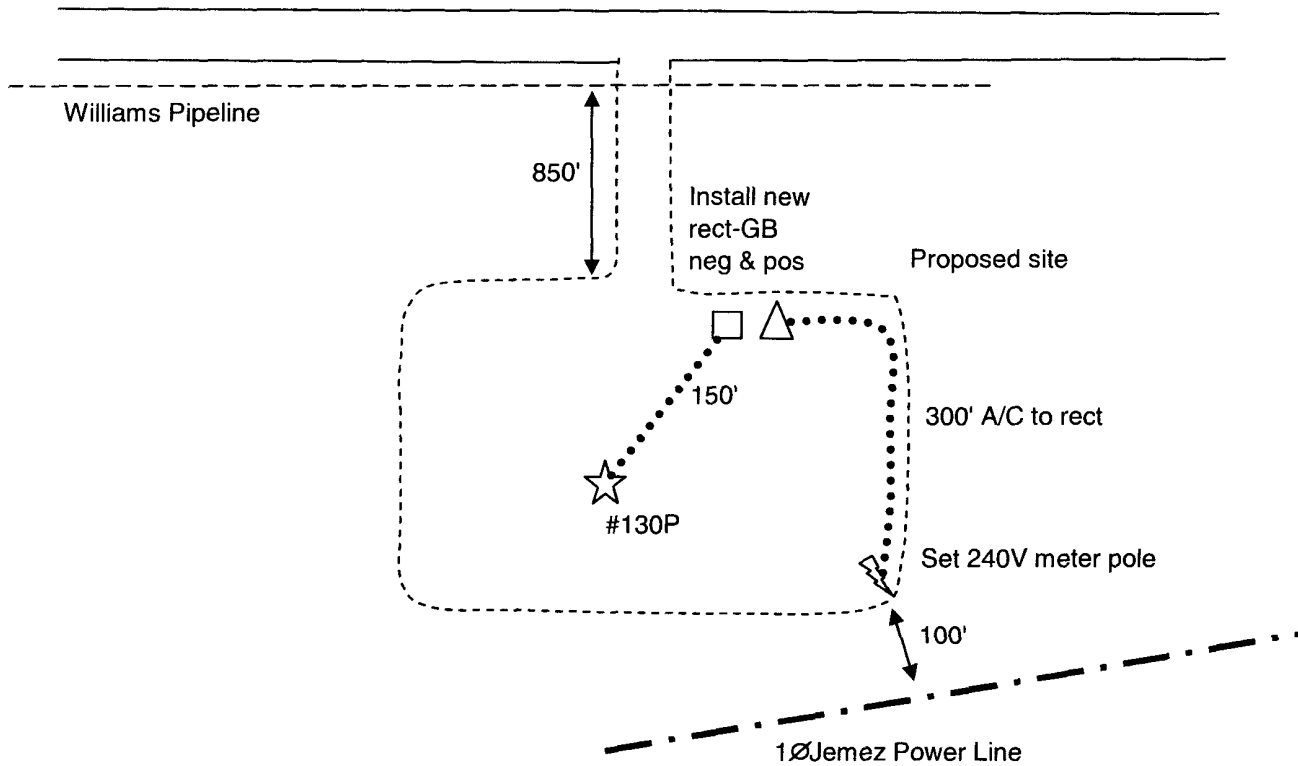
COMMENTS

Install meter pole at corner of loc - install rectifier system - plow 300 ft ac to rectifier. ---- sand and sandstone

WELL NAME



San Juan 28-6 # 130 P



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 130P

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7476		AFE \$:	
Field Name: hBR_SAN JUAN 28-6 UNIT		Rig: XXX 2010 Deep		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	
				Phone:	

Primary Objective (Zones):

Zone	Zone Name
R20076	DAKOTA(R20076)
R20002	MESAVERDE(R20002)

Location: Datum Code: NAD 27

Latitude: 36.611854	Longitude: -107.486262	X:	Y:	Section: 32	Range: 006W
Footage X: 1625 FEL	Footage Y: 570 FSL	Elevation: 6547	(FT)	Township: 028N	
Tolerance:					

Location Type: Year Round	Start Date (Est.): 1/1/2010	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 6561	Units = FT
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Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6361	☐			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	2495	4066	☐			
KIRTLAND	2603	3958	☐			
FRUITLAND	2948	3613	☐			Possible Gas
PICTURED CLIFFS	3273	3288	☐			
LEWIS	3434	3127	☐			
Intermediate Casing	3584	2977	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 808 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3783	2778	☐			
CHACRA	4215	2346	☐			
UPPER CLIFF HOUSE	4832	1729	☐			
MASSIVE CLIFF HOUSE	4948	1613	☐	750		Gas
MENEFEE	5059	1502	☐			
MASSIVE POINT LOOKOUT	5462	1099	☐			
MANCOS	5930	631	☐			
UPPER GALLUP	6682	-121	☐			
GREENHORN	7414	-853	☐			
GRANEROS	7476	-915	☐			
TWO WELLS	7507	-946	☐	2300		Gas
PAGUATE	7591	-1030	☐			
UPPER CUBERO	7621	-1060	☐			TD at 90' below T/Lower Cubero - could cut short if needed.
LOWER CUBERO	7657	-1096	☐			Estimated bottom perf 15' above TD (-1171) 7732'
Total Depth	7747	-1186	☐			6 1/4" Hole. 4 1/2", 10.5 / 11.6 ppf, J-55, STC / LT&C Casing. Cement with 567 cuft. Circulate cement up to at least 100-ft above intermediate csg. shoe.

Reference Wells:

Reference Type	Well Name	Comments
Production	28-6 134N	NW5-27N-6W

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 130P

DEVELOPMENT

Production	28-6 130M	SW32-28N-6W
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Logging Program:

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

TD 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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BURLINGTON RESOURCES OIL AND GAS COMPANY LP

**SAN JUAN 28-6 UNIT #130P
570' FSL, 1625' FEL
SECTION 32, T-28-N, R-6-W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO
NAD 83 LAT.: 36.611862°N LONG.: 107.486866° W
ELEV.: 6547 NAVD88
NEW ACCESS ROAD 831.5'**

DRIVING DIRECTIONS TO BROG SAN JUAN 28-6 UNIT #130P.

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

- GO 31.7 MI. EAST ON HWY. 64 AT MILE MARKER 96.2.
TURN RIGHT ON C.R. 495 BY 29-6 WATER HOLE.
- GO 3.4 MI. SOUTHEAST ON C.R. 495. TURN RIGHT AT
FORK IN ROAD.
- GO 2.1 MI. SOUTH ON ROAD TO "CROWS FOOT"
INTERSECTION. CONTINUE IN THE SOUTHWESTERLY
DIRECTION.
- GO 0.15 MI. NORTH WEST. TURN LEFT.
- GO 1.1 MI. IN A WINDING SOUTHWESTERLY DIRECTION.
BEGIN 831.5 FT. NEW ACCESS ON LEFT (SOUTH SIDE OF
ROAD).
- NEW ACCESS SOUTH WEST TO STAKED PAD, CROSSING
UNDER OVER-HEAD-POWER-LINES JUST BEFORE REACHING
PAD.