

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

NOV 04 2008

1a. Type of Work DRILL	5. Lease Number USA SF-080430 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 DEC 1 '08 OIL CONS. DIV. DIST. 3	
4. Location of Well Surf: Unit O(SWSE), 1250' FSL & 1895' FEL Surf: Latitude 36.62849 N Longitude 107.50586 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 30, T28N, R6W API # 30-039-30584	
14. Distance in Miles from Nearest Town 33 miles/Blanco, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1250'	17. Acres Assigned to Well 320.00 (E/2) - DK/MV	
16. Acres in Lease 986.040		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1008' from San Juan 28-6 Unit #165M DK/MV		
19. Proposed Depth 7865'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6658' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Jamie Goodwin</u> Jamie Goodwin (Regulatory Technician)	Date <u>11/03/08</u>	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Montoya

TITLE AFM

DATE 11/25/08

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

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

NMUCD

8/12/1

DEC 02 2008

Ar

DISTRICT II
1301 W. 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Bureau of Management

State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039- 30584	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 165 N
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6658'

¹⁰ Surface Location

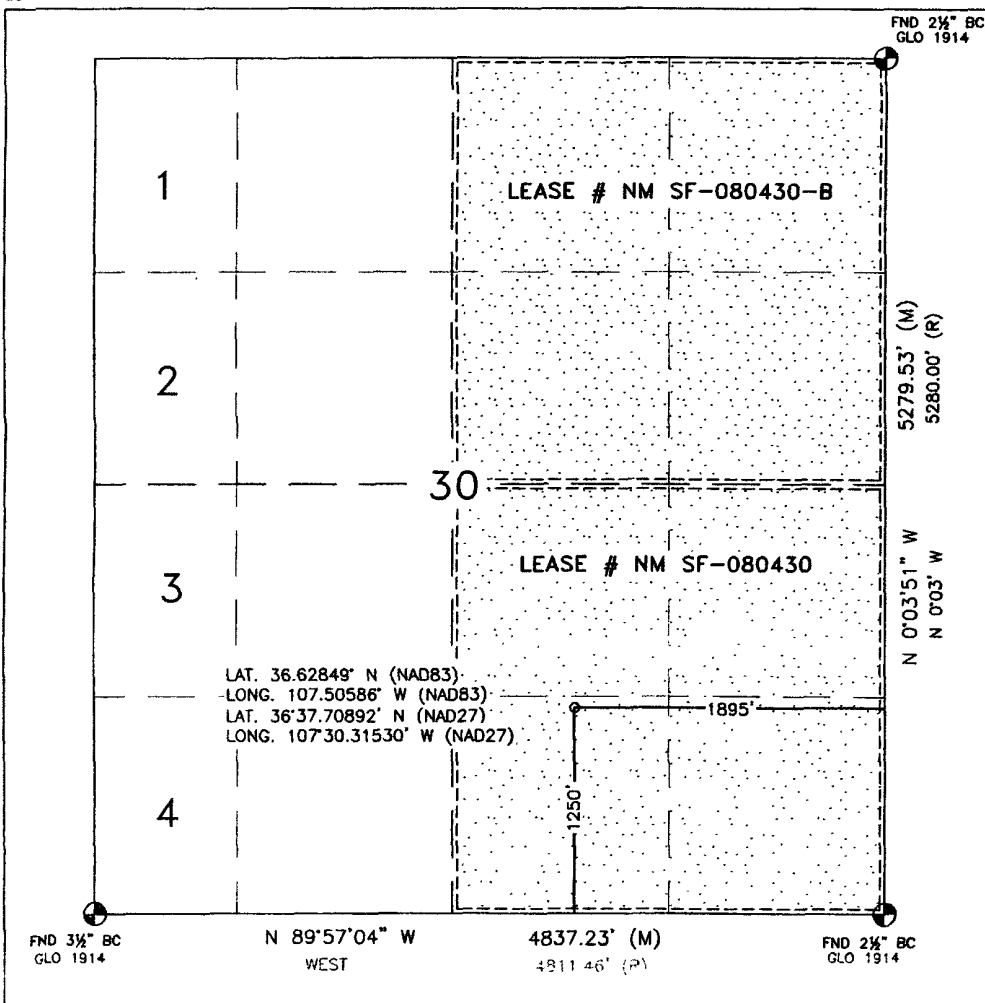
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	30	28N	6W		1250'	SOUTH	1895'	EAST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface[illegible]

¹² Dedicated Acres 320.00 Acres - (E/2)	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 or a compulsory pooling order heretofore entered by the division.

Crystal Walker 4/2/08
Signature Date

Crystal Walker 4-2-08

Printed Name

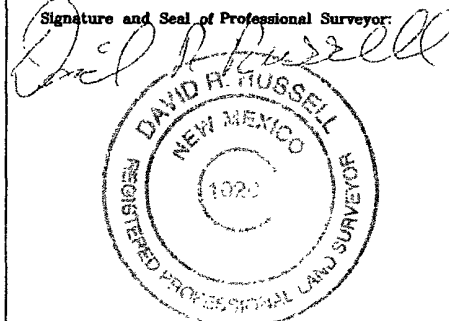
18 SURVEYOR CERTIFICATION

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.

MARCH 13, 2008

Date of Survey _____

Signature and Seal of Professional Surveyor



DAVID RUSSELL

Certificate Number 19201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO8.54

WELL NAME

SAN JUAN 28 - 6 # 165 N

DATE

4/3/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

0 30

TNSHP

28 N

RANGE

6 W

LATITUDE

36d37.70892 N

LONGITUDE

107d30.31530 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

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
(12/4)	X			
	X			
# 8	200'			
			JEMEZ	
			1/2 MILE	

COMMENTS

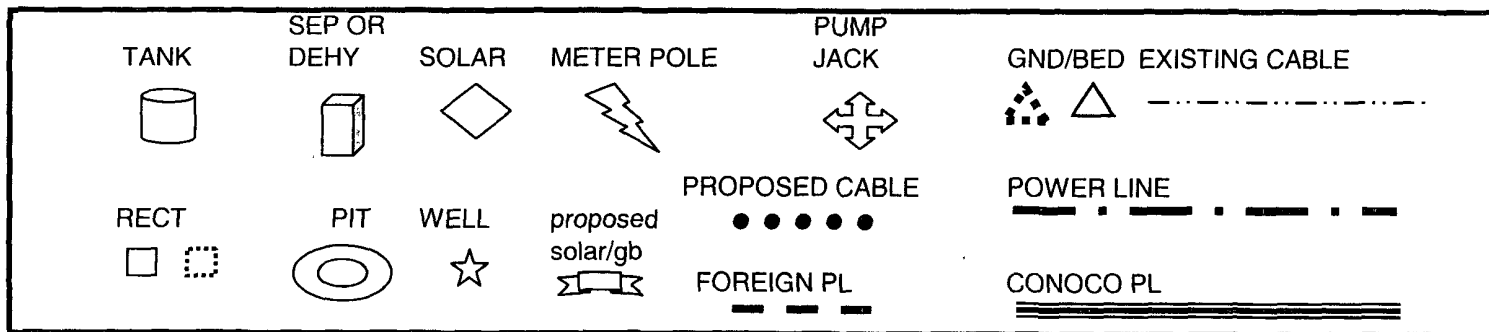
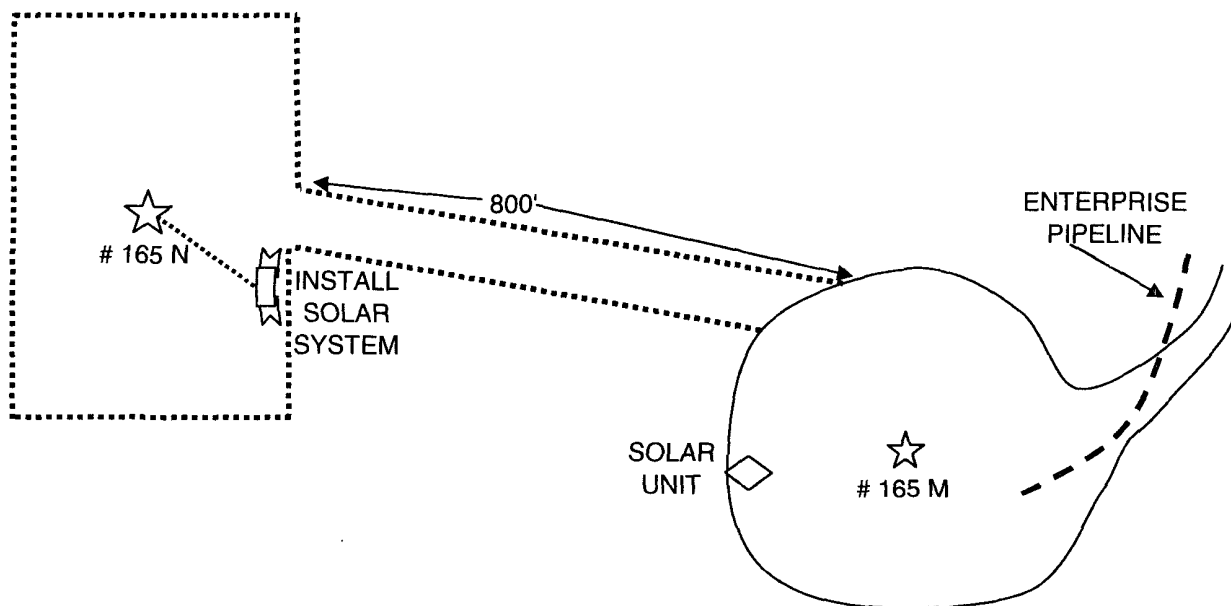
INSTALL SOLAR SYSTEM

WELL NAME	SAN JUAN 28 - 6 # 165 N
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SANDY
SOIL

1 PHASE JEMEZ
POWER 1/2 MILE NORTH



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 165N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8052		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: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				
R20076	DAKOTA(R20076)				
Location: Datum Code: NAD 27					
Latitude: 36.628482	Longitude: -107.505255	X:	Y:	Section: 30	Range: 006W
Footage X: 1895 FEL	Footage Y: 1250 FSL	Elevation: 6658	(FT)	Township: 028N	
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2010		Completion Date:	
Formation Data: Assume KB = 6672		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6472	☐		
OJO ALAMO	2632	4040	☐		
KIRTLAND	2742	3930	☐		
FRUITLAND	3009	3663	☐		Possible Gas
PICTURED CLIFFS	3398	3274	☐		
LEWIS	3514	3158	☐		
Intermediate Casing	3664	3008	☐		
HUERFANITO BENTONITE	3939	2733	☐		
CHACRA	4327	2345	☐		
UPPER CLIFF HOUSE	4946	1726	☐		Gas
MASSIVE CLIFF HOUSE	5031	1641	☐	650	Gas
MENEFEE	5208	1464	☐		
POINT LOOKOUT	5587	1085	☐		
MANCOS	6077	595	☐		
GALLUP	6801	-129	☐		
GREENHORN	7565	-893	☐		
GRANEROS	7633	-961	☐		
TWO WELLS	7664	-992	☐	2150	Gas
PAGUATE	7742	-1070	☐		
CUBERO	7780	-1108	☐		
LOWER CUBERO	7815	-1143	☐		
Total Depth	7865	-1193	☐		
ENCINAL	7865	-1193	☐		
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 165N

DEVELOPMENT

Production	SJ 28-6 160N	28N-6W30 SE SE NW
Production	SJ 28-6 165M	28N-6W30 NE SE
Production	SJ 28-6 160P	28N-6W30 NW SW

Logging Program:

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

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

Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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BURLINGTON RESOURCES O&G CO LP

SAN JUAN 28-6 UNIT #165 N
1250' FSL & 1895' FEL
LOCATED IN THE SW/4 SE/4 OF SECTION 30,
T28N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM INTERSECTION OF HWY 64 & CR 495 (FOURMILE RD.), GO SOUTHEASTERLY ON CR 495 FOR 2.0 MILES.
- 2) TURN RIGHT AND GO 1.3 MILES.
- 3) TURN RIGHT ONTO RIDGE ROAD, GO 3.0 MILES.
- 4) TURN LEFT AND GO 2.9 MILES.
- 5) TURN LEFT, GO 0.6 MILES.
- 6) TURN RIGHT, GO 0.2 MILES.
- 7) TURN RIGHT, GO 0.3 MILES TO EXISTING LOCATION.
- 8) FOLLOW RED FLAGGING FROM WEST SIDE OF EXISTING LOCATION FOR ± 697 FEET TO NEW WELL PAD.

WELL FLAG LOCATED AT LAT. 36.62849°N, LONG. 107.50586°W (NAD 83)

