

JUN 13 2008

NOTIFY AZTEC OCD 24 HRS. PRIOR TO CASING & CEMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS	5. Lease Number NMSF-079363 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP		7. Unit Agree DK - NMNM 78412C MV - NMNM 78412A 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 JUN 24 '08 9. Well Number OIL CONS. DIV. #158N DIST. 3
4. Location of Well Surf: Unit D(NWNE), 1092' FNL & 453' FWL Surf: Latitude 36.59286° N Longitude 107.44375° W		10. Field, Pool, Wildcat Bsin Dakota/Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 11, T27N, R6W API # 30-039-30547
14. Distance in Miles from Nearest Town 33 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 453'		
16. Acres in Lease 2,560.420	17. Acres Assigned to Well MV - 320.00 (W/2) DK - 320.00 (N/2)	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1000' from SJ 28-6 #158M - DK		
19. Proposed Depth 7738' This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6526' GR	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)		6/13/08 Date

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

P.A.

NMOCD

JUN 30 2008

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

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

JUN 13 2008

Bureau of Land Management ☐ AMENDED REPORT
Farmington Field Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30547	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 158 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6526'

¹⁰ Surface Location

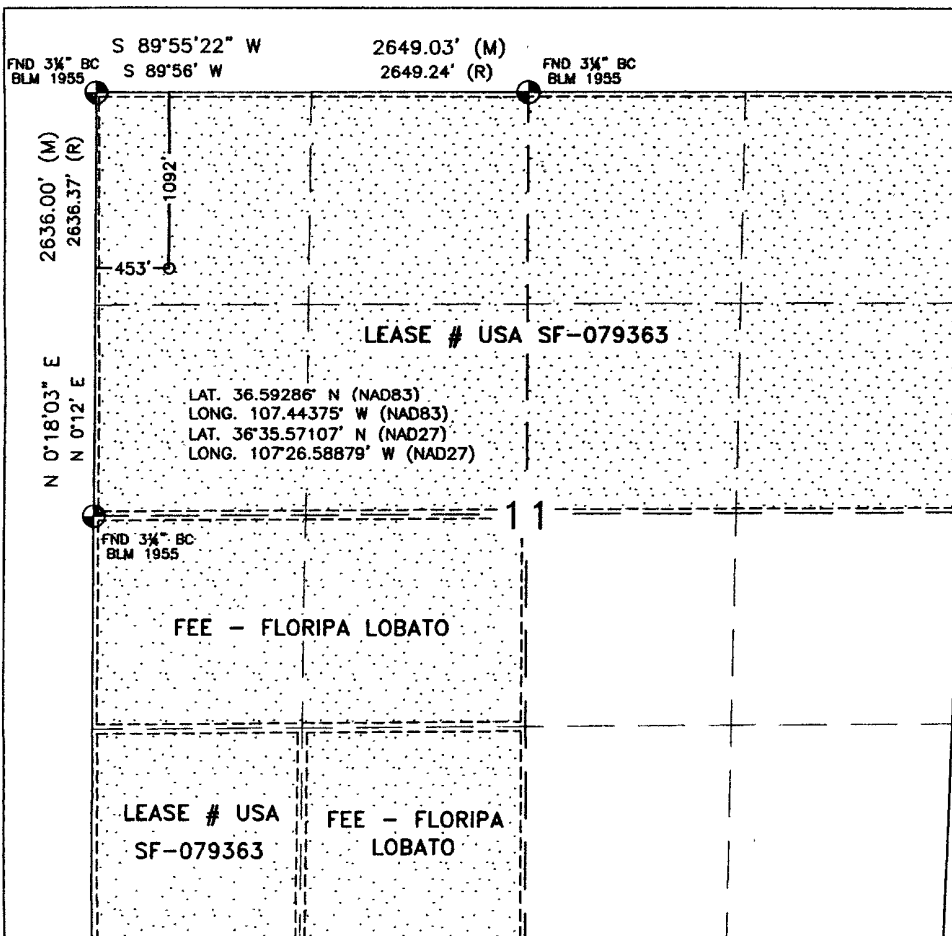
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	27N	6W		1092'	NORTH	453'	WEST	RIO ARriba

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
D									
¹² Dedicated Acres MV-320.00 Acres - (W/2) DK-320.00 Acres - (N/2)			¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.		

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 released 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 3/19/08
Signature Date

Crystal Walker 3-19-08

Printed Name

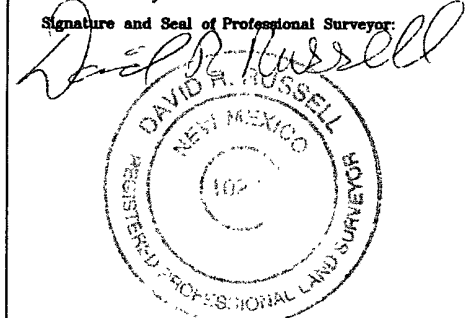
18 SURVEYOR CERTIFICATION

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 6, 2008

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PD08.18

WELL NAME

SAN JUAN 28 - 6 # 158 N

DATE

3/18/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

D 11

27 N

6 W

36d35 34.3 N

107d26 37.5 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	
			.7 MILES	

COMMENTS

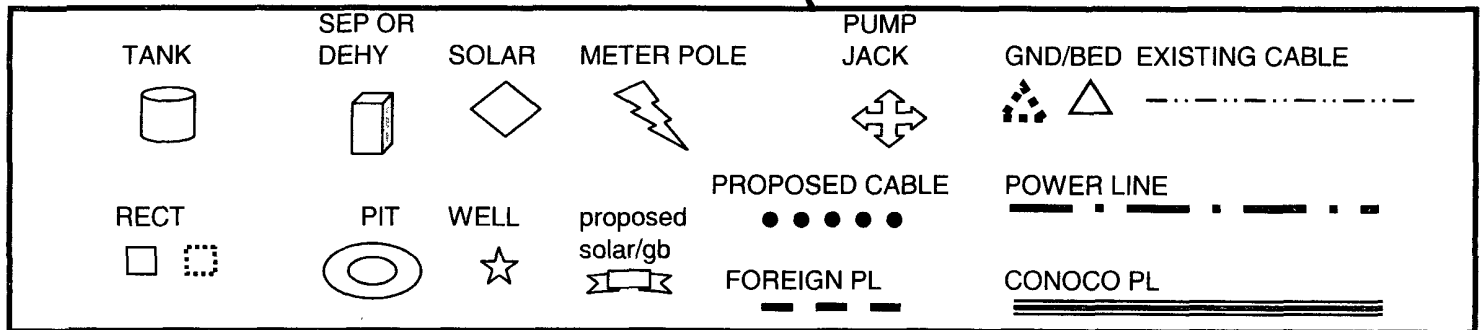
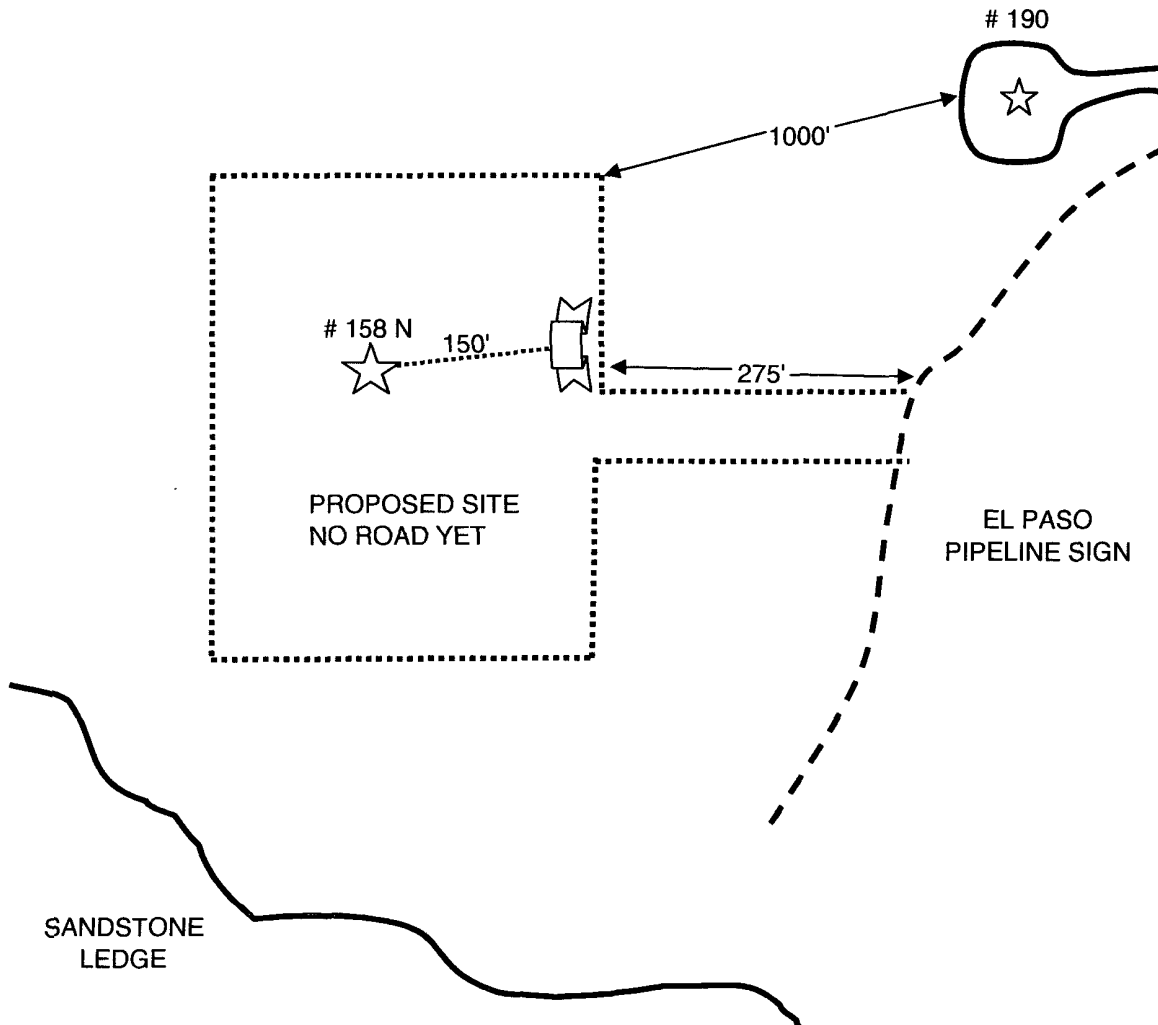
INSTALL SOLAR SYSTEM - SAND & SANDSTONE

WELL NAME **SAN JUAN 28 - 6 # 158 N**



1 PHASE JEMEZ POWER .7 MILES

SANDY AND SANDSTONE



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-6 UNIT 158N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8016		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 283		State: NM	County: RIO ARRIBA
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				
RON	BLANCO MESAVERDE (PRORATED GAS)				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location:					
Datum Code: NAD 27					
Latitude: 36.592851	Longitude: -107.443147	X:	Y:	Section: 11	Range: 006W
Footage X: 453 FWL	Footage Y: 1092 FNL	Elevation: 6526	(FT)	Township: 027N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2008		Completion Date:	
				Date In Operation:	
Formation Data: Assume KB = 6540 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6340	☐		
OJO ALAMO	2221	4319	☐		
KIRTLAND	2341	4199	☐		
FRUITLAND	2941	3599	☐		Possible Gas
PICTURED CLIFFS	3279	3261	☐		
LEWIS	3350	3190	☐		
Intermediate Casing	3500	3040	☐		
HUERFANITO BENTONITE	3737	2803	☐		
CHACRA	3860	2680	☐		
UPPER CLIFF HOUSE	4793	1747	☐		Gas
MASSIVE CLIFF HOUSE	4815	1725	☐	718	Gas
MENEFEE	5065	1475	☐		
POINT LOOKOUT	5445	1095	☐		
MANCOS	6010	530	☐		
GALLUP	6690	-150	☐		
GREENHORN	7394	-854	☐		
GRANEROS	7467	-927	☐		
TWO WELLS	7489	-949	☐	2780	Gas
PAGUATE	7571	-1031	☐		
CUBERO	7599	-1059	☐		
LOWER CUBERO	7637	-1097	☐		
ENCINAL	7713	-1173	☐		
Total Depth	7738	-1198	☐		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 789 cuft. Circulate cement to surface.					
TD - 25' Below Top of Encinal					
6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 577 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 158N****DEVELOPMENT**

Production	SJ 28-6 UNIT 158	27N-6W11 NE SW NE
Production	SJ 28-6 UNIT 206	27N-6W10 NW SE NE
Production	SJ 28-6 UNIT 158M	27N-6W11 NE NW

Logging Program:Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD 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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~~RE~~

(505) 334-8637

BURLINGTON RESOURCES O&G CO LP

SAN JUAN 28-6 UNIT #158 N
1092' FNL & 453' FWL
LOCATED IN THE NW/4 NW/4 OF SECTION 11,
T27N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 64 & CR 366 (GENERAL AMERICAN RD.), GO SOUTH 6.6 MILES.
- 2) TURN RIGHT, GO WEST 1.9 MILES.
- 3) TURN RIGHT, GO 0.6 MILES.
- 4) TURN LEFT, GO 1.3 MILES TO LOCATION.
- 5) FOLLOW RED FLAGGING, ± 274 FEET TO NEW WELL PAD LOCATION.

WELL FLAG LOCATED LAT. 36.59286°N, LONG. 107.44375°W (NAD 83)

