

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 23 2008

Bureau of Land Management
Farmington Field Office

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-079002 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 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 9. Well Number #36N	
4. Location of Well Surf: Unit H (SENE), 2185' FNL & 910' FEL Surf: Latitude 36.82835° N Longitude 107.48033° W	10. Field, Pool, Wildcat Basin DK/ Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) H Sec. 8, T30N, R6W API # 30-039- 30524	
14. Distance in Miles from Nearest Town 43 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 910'		
16. Acres in Lease 2,400.00 800.00	17. Acres Assigned to Well 320.00 Acres - (E/2)	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 795' from San Juan 30-6 Unit #36 MV		
19. Proposed Depth 7753'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6239' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Sasha Spangler</u> Sasha Spangler (Regulatory Technician)	<u>4-23-08</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 10/8/08

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

This action is subject to technical and procedural review pursuant to 43 CFR 31 and appeal pursuant to 43 CFR 3165.4

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.

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

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSOR AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

RECEIVED
BUREAU OF LAND MANAGEMENT
FARMINGTON FIELD OFFICE

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

OCT 14 2008

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30524	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE
⁴ Property Code 7469	⁵ Property Name SAN JUAN 30-6 UNIT	⁶ Well Number 36 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6239'

¹⁰ Surface Location

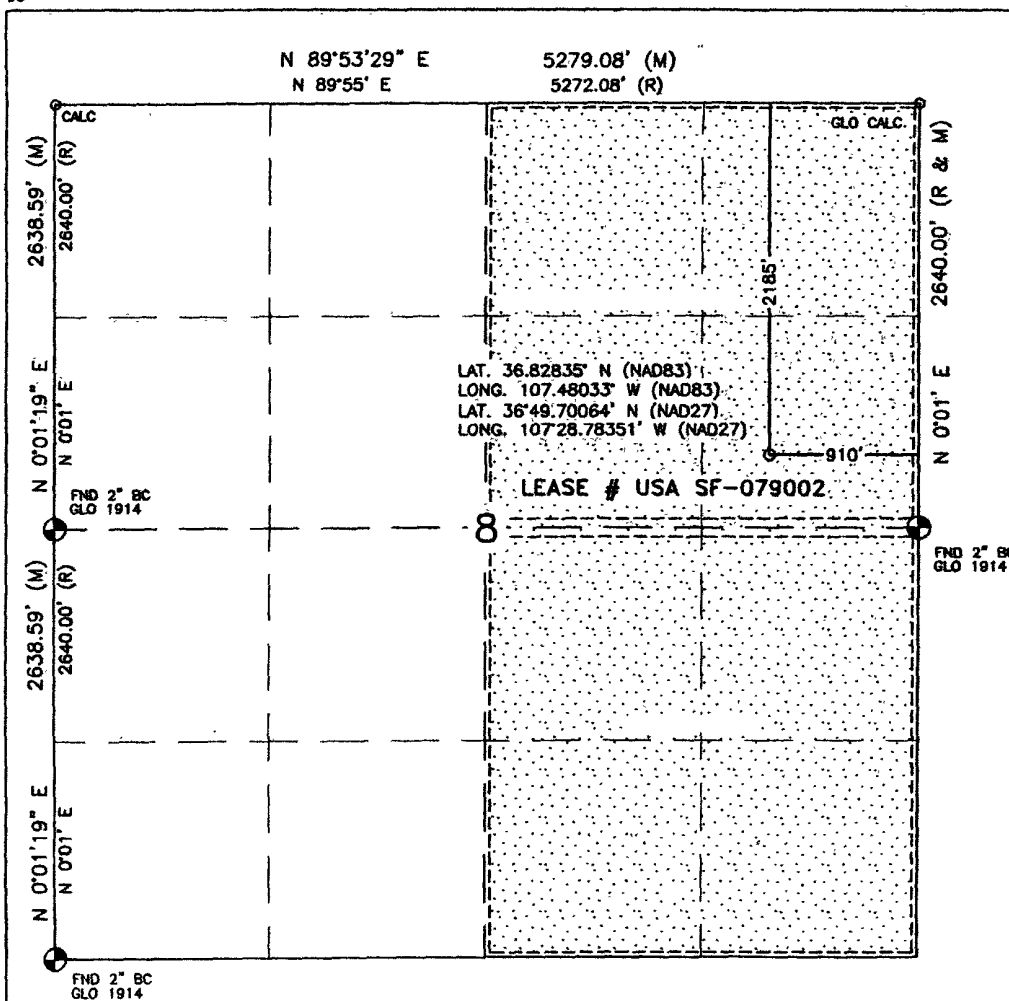
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	8	30N	6W		2185'	NORTH	910'	EAST	RIO ARriba

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
H									
¹² Dedicated Acres 320.00 Acres - (E/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 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.

Sasha Spangler 04-23-08
Signature Date

Sasha Spangler
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.

DECEMBER 19, 2007

Date of Survey

Signature and Seal of Professional Surveyor

David R. Russell



DAVID RUSSELL

Certificate Number

10201

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.LD

WELL NAME

SAN JUAN 30 - 6 # 36 N

DATE

2/1/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES

SEC TNSHP RANGE

18 30 N 6 W

LATITUDE

36.82578 N

LONGITUDE

107.48167 W

COUNTY

RIO ARRIBA

RECTIFIER

SIZE NEEDED EXISTING 1 PHASE 3 PHASE

30/12

x

SOLAR**GROUND BED**

x

240 V METER POLE**480 V METER POLE****D C CABLES**

8

200 ft

A C CABLES

8

1300 ft

PRIMARY POWER**DISTANCE TO POWER****UNDERGROUND****PUMPJACK****WATER PUMP****COMPRESSOR****RTU****SAMS****TANKS****COMMENTS**

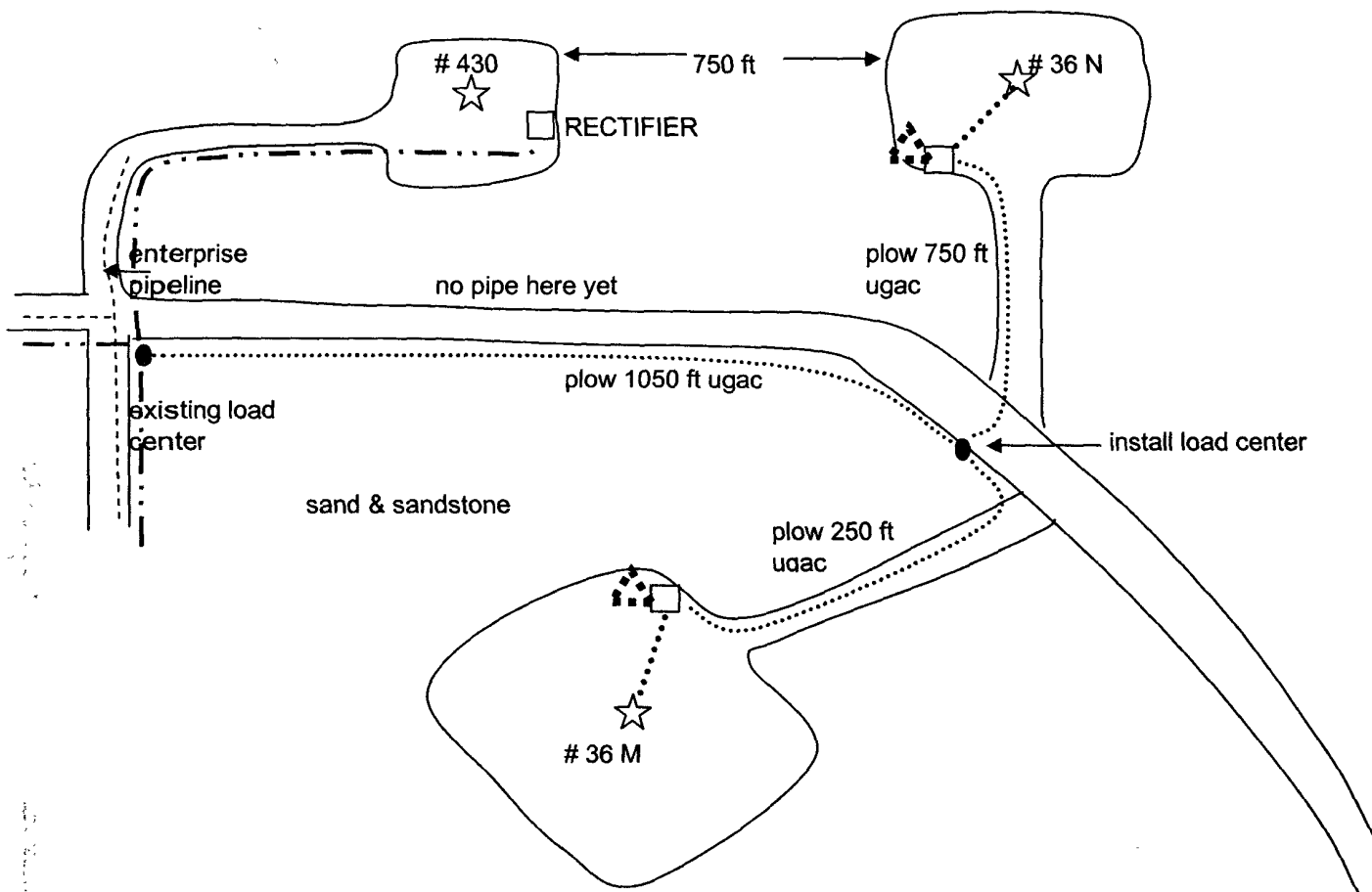
plow ugac from load center at entrance to loc - 750 ft

install rectifier system - mostly sand

see sketch for 36 M

WELL NAME

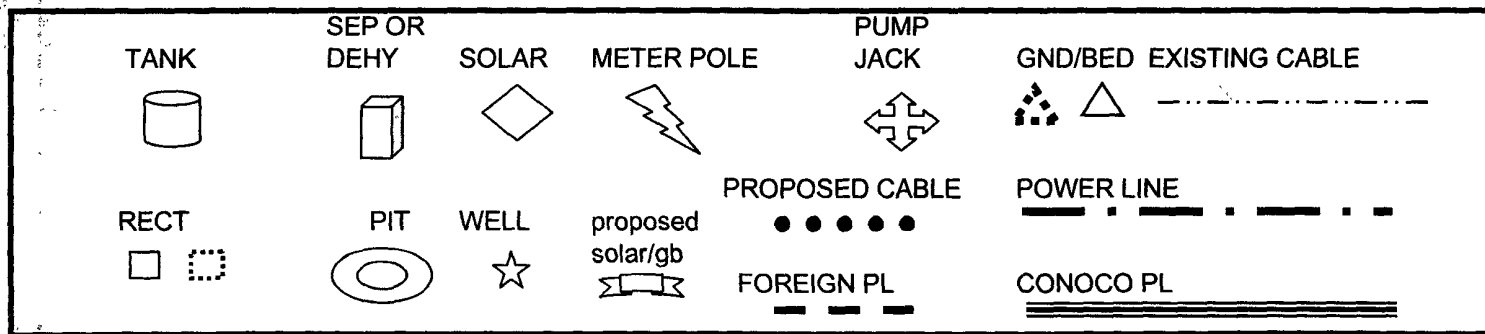
SJ 30-6 # 36 N



1 phase primary 3/4 mile

3 phase primary 1.2 mile

JEMEZ



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 36N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7486		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 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: 36.828344	Longitude: -107.479725	X:	Y:	Section: 08	Range: 006W
Footage X: 910 FEL	Footage Y: 2185 FNL	Elevation: 6239 (FT)	Township: 030N		
Tolerance:					

Location Type: Restricted	Start Date (Est.): 1/1/2008	Completion Date:	Date In Operation:
Formation Data: Assume KB = 6251 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6051	☐			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	2163	4088	☐			
KIRTLAND	2369	3882	☐			
FRUITLAND COAL	2954	3297	☐			
PICTURED CLIFFS	3190	3061	☐			
LEWIS	3359	2892	☐			
Intermediate Casing	3459	2792	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 779 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3894	2357	☐			
CHACRA	4288	1963	☐			
MASSIVE CLIFF HOUSE	5103	1148	☐	400	Gas	
MENEFEE	5151	1100	☐			
MASSIVE POINT LOOKOUT	5413	838	☐			
MANCOS	5830	421	☐			
UPPER GALLUP	6701	-450	☐			
GREENHORN	7420	-1169	☐			
GRANEROS	7475	-1224	☐			
TWO WELLS	7584	-1333	☐	2300	Gas	
PAGUATE	7599	-1348	☐			
UPPER CUBERO	7606	-1355	☐			
LOWER CUBERO	7633	-1382	☐			
ENCINAL	7700	-1449	☐			
TOTAL DEPTH DK	7753	-1502	☐			6-1/4" Hole. 4-1/2", 10.5/11.6 ppf, N-80, STC/LTC casing. Cement with 553 cuft. Circulate with a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

Reference Wells:

Reference Type	Well Name	Comments
----------------	-----------	----------

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 36N

DEVELOPMENT

Logging Program:

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

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

Est bottom perf ~20' above the estimated TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
----------	-------	-----------	---------	----------------	---------

BURLINGTON RESOURCES O&G CO LP

SAN JUAN 30-6 UNIT #36 N
2185' FNL & 910' FEL
LOCATED IN THE SE/4 NE/4 OF SECTION 8,
T30N, R6W, N.M.P.M.,
RIO ARriba COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 64 AND HWY 527, GO NORTH ON HWY 527 7.7 MILES.
- 2) TURN RIGHT ONTO ROSA ROAD, GO 3.2 MILES AND TURN LEFT.
- 3) GO 0.65 MILES AND TURN LEFT.
- 4) GO 0.2 MILES AND TURN LEFT.
- 5) GO 0.2 MILES AND TURN LEFT.
- 6) GO 0.2 MILES TO FLAGGED ACCESS ON RIGHT.

WELL FLAG LOCATED AT LAT. 36.82835°N, LONG. 107.48033°W (NAD 83)

JOB No.: COPC146
DATE: 01/23/08



Russell Surveying
1409 W. Aztec Blvd. #2
Aztec, New Mexico 87410
(505) 334-8637