

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

OCT 20 2008

Bureau of Land Management

1a. Type of Work DRILL	5. Lease Number USA NMNM- 03384 Unit Reporting Number NMNM-78420A-MV	
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 RCVD FEB 23 '09 OIL CONS. DIV. DIST. 3	
4. Location of Well Unit E (SWNW), 1795' FNL & 660' FWL, Latitude 36.36.82941 N Longitude 107.47497 W	9. Well Number #2A 10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 9, T30N, R6W API # 30-039- 30575	
14. Distance in Miles from Nearest Town 41.9 miles to Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 660'	17. Acres Assigned to Well 320.00 W/2	
16. Acres in Lease 400.000		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 600' from San Juan 30-6 Unit 405S		
19. Proposed Depth 7791'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6272' GL	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)	<u>10/20/08</u> 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

NMOCD

FEB 24 2009

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

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

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

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

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

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87606

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 - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30575	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 2A
⁷ UGRD No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6272

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
E	9	30-N	6-W		1795	NORTH	660	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
E									
¹² Dedicated Acres 320 W/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 CALC'D. CORNER BY DBL. PROP. N 00-09-32 E 2635.39' (C) 1795' 660'		N 89-45-02 E 2633.83' (C) FD. 2 1/2" BC. 1914/1965 G.L.O.	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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Crystal Walker</i> 4/18/08 Date: 4-18-08 Printed Name: Crystal Walker	
FD. 2 1/2" BC. 1914/1965 G.L.O. NMNM-03384		9	LAT: 36.82941° N. (NAD 83) LONG: 107.47497° W. (NAD 83) LAT: 36°49.7647' N. (NAD 27) LONG: 107°28.4979' W. (NAD 27)	
			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 28, 2008 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> 04 Certificate Number: 8894	

COMPANY

BURLINGTON RESOURCES

Charge Code

WAN.RFE.PDO7.MF

WELL NAME

SAN JUAN 30 - 6 # 2 A

DATE

3/24/2008

DUAL WELL

WELL NAME

TRIPLE WELL

WELL NAME

COORDINATES**SEC**

B 9

TNSHP

30 N

RANGE

6 W

LATITUDE

36 49.7760

LONGITUDE

107 28.4796 W

COUNTY

RIO ARRIBA

RECTIFIER

30/12

X

EXISTING

1 PHASE

3 PHASE

SOLARGROUND BED

X

240 V METER POLE480 V METER POLED C CABLES

8

200'

A C CABLES

8

700'

PRIMARY POWER

JEMEZ

DISTANCE TO POWER

.8 MILES

UNDERGROUNDPUMPJACKWATER PUMP**COMMENTS**

INSTALL HOMELINE BKR IN EXISTING LOAD CENTER ON # 405 S

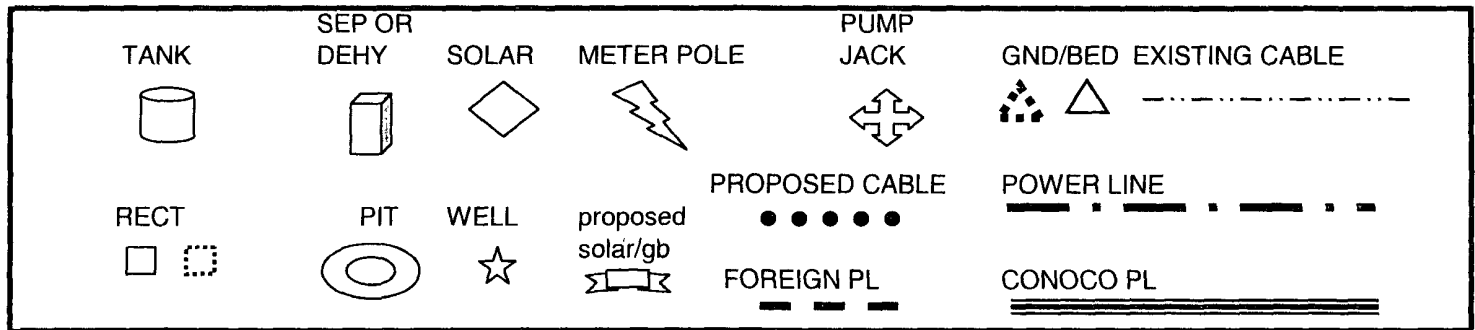
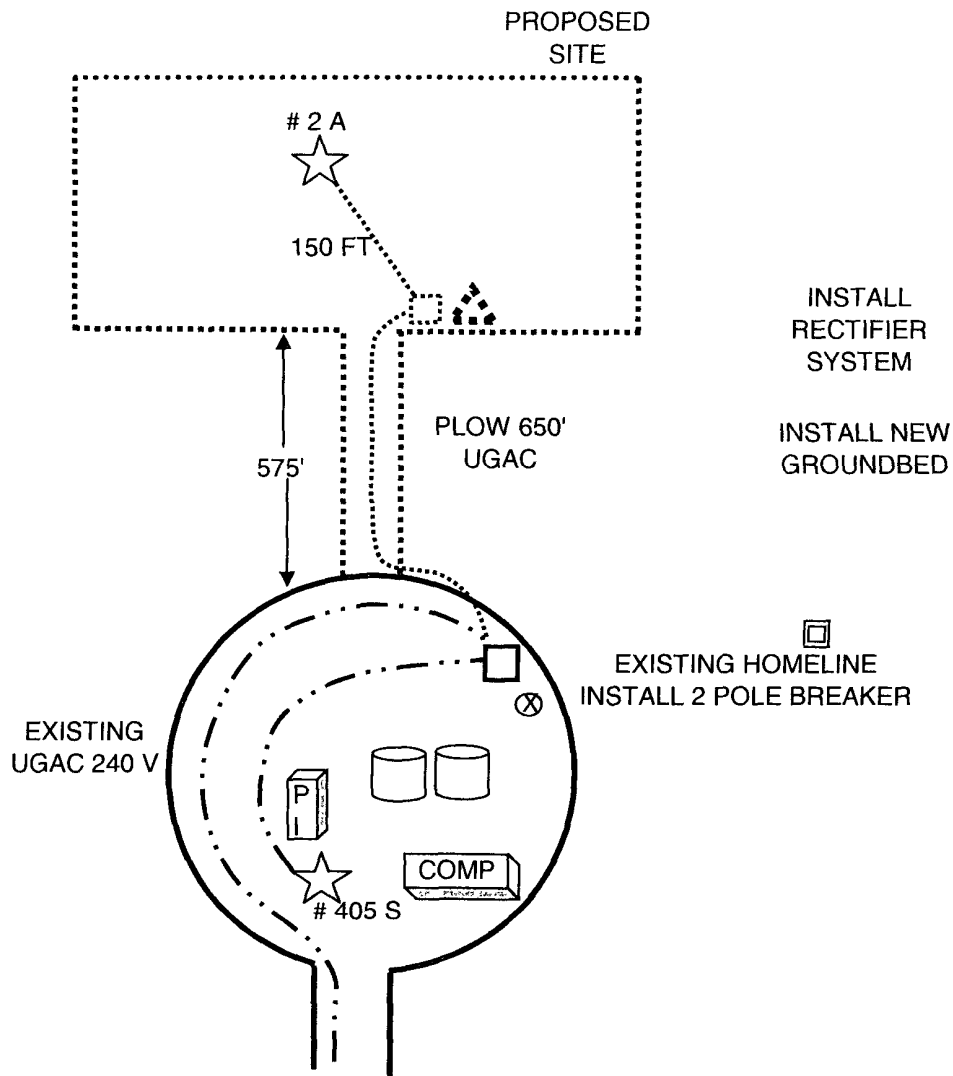
PLOW UGAC TO LOS,575 FT - INSTALL RECTIFIER SYSTEM

WELL NAME	SAN JUAN 30 - 6 # 2 A
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SANDY SOIL

1 PHASE JEMEZ
POWER .8 MILES



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 2A

DEVELOPMENT

Lease:		AFE #: WAN,CDR.7490		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		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				
RON	BLANCO MESAVERDE (PRORATED GAS)				
FRR	BASIN DAKOTA (PRORATED GAS)				
Location: Surface Datum Code NAD 27					
Latitude: 36.829404	Longitude: -107.474365	X:	Y:	Section: 09	Range: 006W
Footage X: 660 FWL	Footage Y: 1795 FNL	Elevation: 6272	(FT)	Township: 030N	
Tolerance:					
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:	
Formation Data: Assume KB = 6287		Units = FT			
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6087	<input type="checkbox"/>		
OJO ALAMO	2180	4107	<input type="checkbox"/>		
KIRTLAND	2383	3904	<input type="checkbox"/>		
FRUITLAND	2756	3531	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	3092	3195	<input type="checkbox"/>		
LEWIS	3284	3003	<input type="checkbox"/>		
Intermediate Casing	3384	2903	<input type="checkbox"/>		
HUERFANITO BENTONITE	3887	2400	<input type="checkbox"/>		
CHACRA	4297	1990	<input type="checkbox"/>		
UPPER CLIFF HOUSE	4807	1480	<input type="checkbox"/>		Gas
MASSIVE CLIFF HOUSE	5131	1156	<input type="checkbox"/>	415	Gas
MENEFEE	5157	1130	<input type="checkbox"/>		
POINT LOOKOUT	5446	841	<input type="checkbox"/>		
MANCOS	5843	444	<input type="checkbox"/>		
GALLUP	6716	-429	<input type="checkbox"/>		
GREENHORN	7444	-1157	<input type="checkbox"/>		
GRANEROS	7502	-1215	<input type="checkbox"/>		
TWO WELLS	7619	-1332	<input type="checkbox"/>	2250	Gas
PAGUATE	7629	-1342	<input type="checkbox"/>		
CUBERO	7642	-1355	<input type="checkbox"/>		
LOWER CUBERO	7667	-1380	<input type="checkbox"/>		
ENCINAL	7734	-1447	<input type="checkbox"/>		
Total Depth	7791	-1504	<input type="checkbox"/>		
Remarks: 12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
Remarks: 8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 762 cuft. Circulate cement to surface.					
Remarks: TD is 57' into Encinal with estimated bottom perf 12' off bottom. 6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 600 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 Business Unit

SAN JUAN 30-6 UNIT 2A

DEVELOPMENT

Production	30-6 1A	SE9-30-6
Production	30-6 137	SE8-30-6

Logging Program:

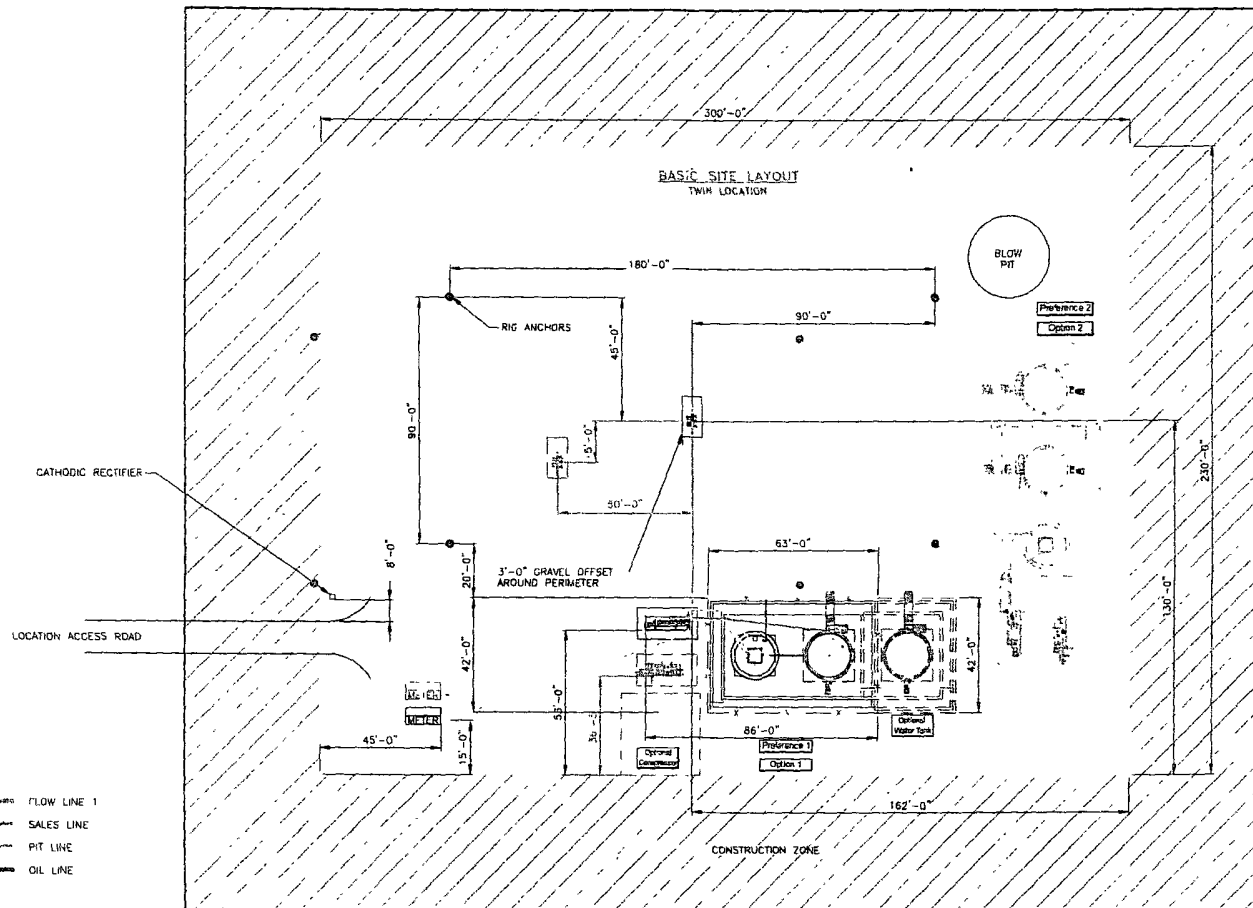
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

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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FLOW LINE 1
 SALES LINE
 PIT LINE
 OIL LINE

SEE SHEET 3 & 4 FOR PIPING DETAILS
 ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS		CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT			
DISCIPLINE										NO.		CLIENT No.			
REVIEWED										DESCRIPTION		SCALE, TYPE			
DATE												APPRO. DATE			
												DESIGN BY			
												DATE			
												HP3PHASE-REV1			
DESCRIPTION										SAN JUAN BUSINESS UNIT		SHEET No.			
DATE												1 OF 5			
BY															
CHK															
ENGR															
INL															
CON/STRUCTURAL															
PROJECT															

H:\Projects\San Juan Business Unit\Twin Location Site Layout.dwg, 10/29/2007 - 08:39:00

**Directions from the post office in Blanco, New Mexico, to the
Burlington Resources Oil & Gas Company LP**

San Juan 30-6 Unit #2A well location

**1795' FNL, 660' FWL Section 9, T30N R6W, NMPM, in Rio Arriba County,
New Mexico**

From the post office in Blanco, New Mexico (Lat. 36.72361° N, Long. 107.82806° W):

Travel east on Hwy 64 28.7 mi to Hwy 527 (Simms Mesa Road; Lat. 36.70194° N, Long. 107.38056° W).

Turn left on Hwy 527 and travel northwesterly 8.0 mi to the Rosa Road (Lat. 36.77167° N, Long. 107.46722° W).

Turn right on the Rosa Road and travel northerly and northeasterly 4.0 mi to a field road on the north side of the Rosa Road (Lat. 36.81639° N, 107.46520° W).

Turn left and travel northwesterly 0.9 mi to another field road on the right (north) side of the road (Lat. 36.82556° N, Long. 107.47222° W).

Turn right and travel northwesterly 0.2 mi to the new access at the existing San Juan 30-6 Unit #405S well location (Lat. 36.82789° N, Long. 107.47418° W).

The new access continues northwesterly 279' to the new location (Lat. 36.82941° N, Long. 107.47497° W).