

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 21 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number USA SF080714-A Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD MAR 24 '09 OIL CONS. DIV.	
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name DIST. 3 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 #34N	
4. Location of Well Surf: Unit D (NWNW), 930' FNL & 710' FWL Surf: Latitude 36.83181° N Longitude 107.45677° W	10. Field, Pool, Wildcat Basin DK/ Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 10, T30N, R6W API # 30-039- 30577	
14. Distance in Miles from Nearest Town 45.1 miles/Blanco	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 710'	17. Acres Assigned to Well 320.00 Acres - (W/2)	
16. Acres in Lease 742.650		
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 52' from San Juan 30-6 Unit #1M MV/DK		
19. Proposed Depth 7811'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6268' 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)	<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

APR 01 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".

NMOC

NOTIFY AZTEC OGD 24 HRS.
PRIOR TO CASING & CEMENT

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

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 87505

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, 2006

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30577	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 34N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	⁹ Elevation 6268

¹⁰ Surface Location

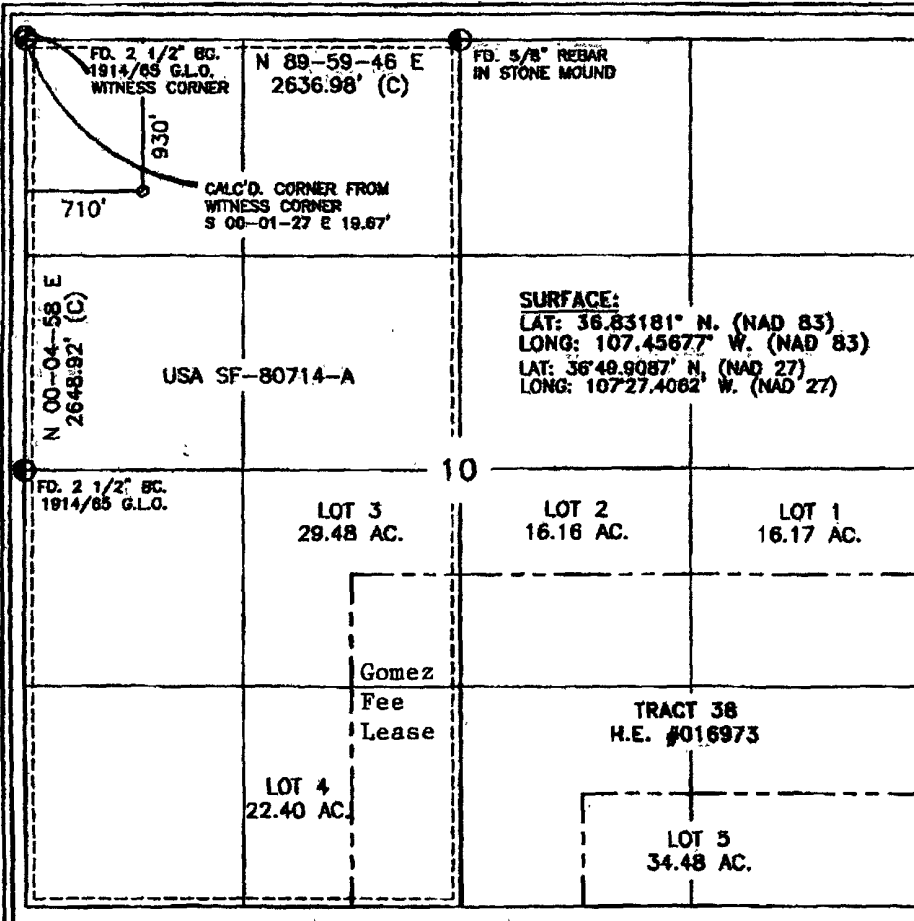
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	30-N	6-W		930	NORTH	710	WEST	RIO ARriba

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 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

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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.

Crystal Walker 5/12/08
Signature Date
Crystal Walker 5-12-08
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.

FEBRUARY 1, 2008

Date of Survey

Signature of Surveyor

Signature of Surveyor

Signature of Surveyor

Signature of Surveyor

Signature of Surveyor

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Signature of Surveyor

Signature of Surveyor

Signature of Surveyor

COMPANY
Charge Code
WELL NAME
DUAL WELL
TRIPLE WELL

BURLINGTON RESOURCES

WAN.RFE.PDO7.MA

SAN JUAN 30 - 6 # 34 N

DATE

2/29/2008

WELL NAME

30-6 # 1 M

WELL NAME

COORDINATES

SEC

TNSHP

RANGE

LATITUDE

LONGITUDE

D 10

30 N

6 W

36 49.9087 N

107 27.4062 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
40/16	X			
	X			
# 8	150'			
# 8	400 FT			
			JEMEZ	
			1 1/4 MILE	

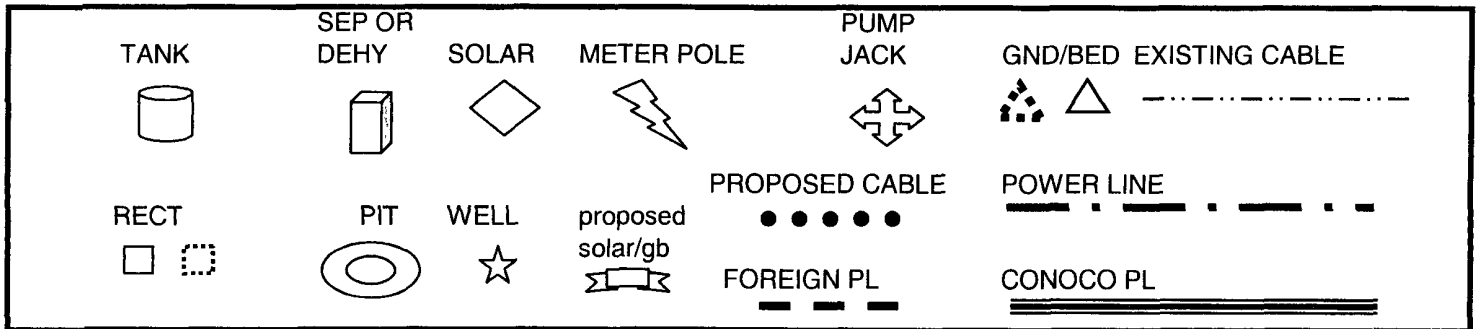
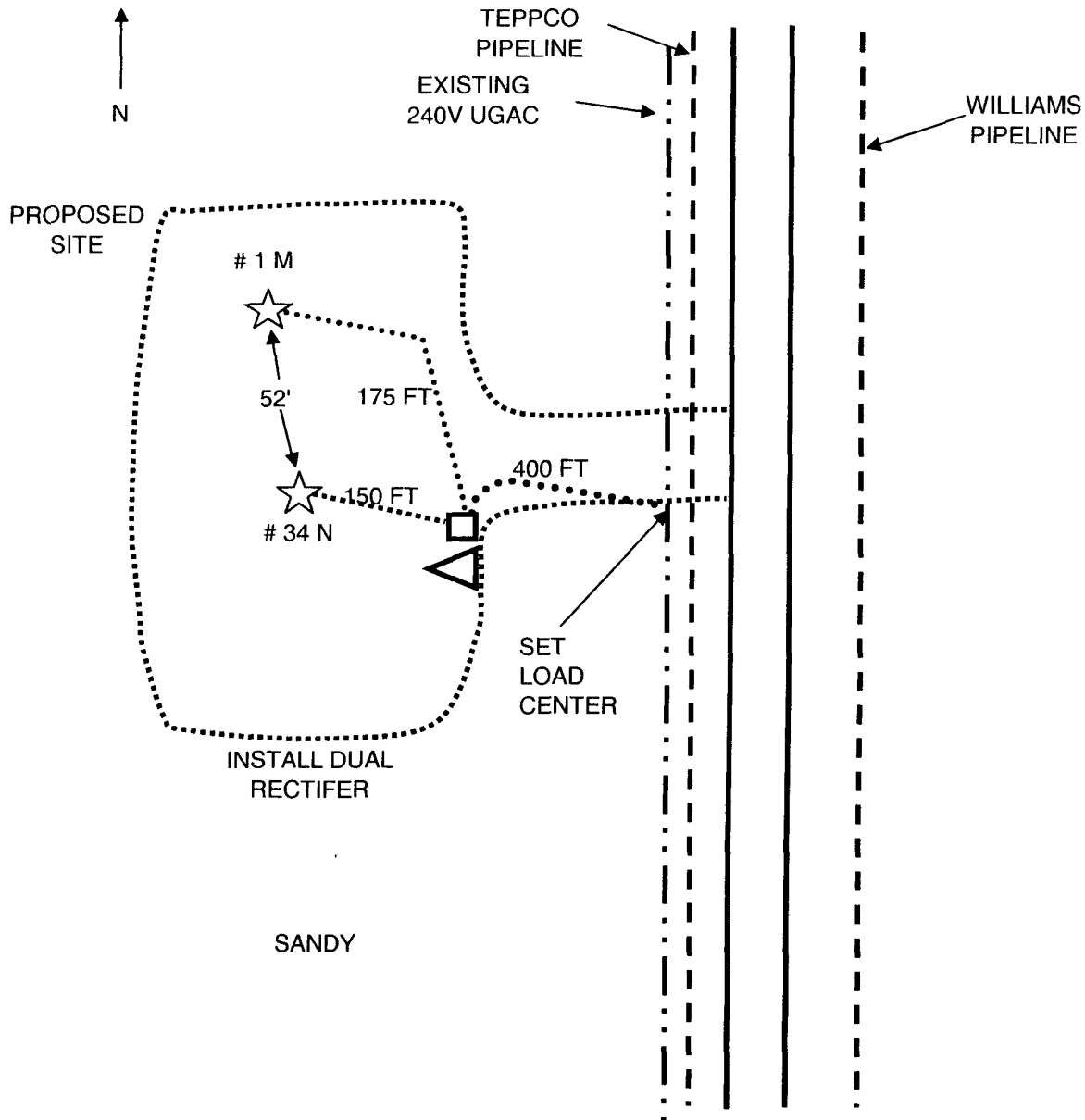
COMMENTS

SEE SKETCH ON 30-6 # 1 M

INSTALL DUAL RECTIFIER SYSTEM - SANDY SOIL

UNSTALL 6/12 LOAD CENTER

WELL NAME	SAN JUAN 30 - 6 # 34 N
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PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 30-6 UNIT 34N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7485				AFE \$:	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 281		State: NM	County: RIO ARRIBA		API #:
Geologist:	Phone:	Geophysicist:		Phone:			
Geoscientist:	Phone:	Prod. Engineer:		Phone:			
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
RON	BLANCO MESAVERDE (PRORATED GAS)						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27							
Latitude: 36.831804	Longitude: -107.456166	X:	Y:	Section: 10		Range: 006W	
Footage X: 710 FWL	Footage Y: 930 FNL	Elevation: 6268	(FT)	Township: 030N			
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 6283 Units =							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks	
Surface Casing	200	6083	☐			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	2346	3937	☐				
KIRTLAND	2431	3852	☐				
FRUITLAND	2811	3472	☐			Possible Gas	
PICTURED CLIFFS	3246	3037	☐				
LEWIS	3416	2867	☐				
Intermediate Casing	3516	2767	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 792 cuft. Circulate cement to surface.	
HUERFANITO BENTONITE	3943	2340	☐				
CHACRA	4335	1948	☐				
UPPER CLIFF HOUSE	4845	1438	☐			Gas	
MASSIVE CLIFF HOUSE	5169	1114	☐	420		Gas	
MENEFEE	5195	1088	☐				
POINT LOOKOUT	5484	799	☐				
MANCOS	5881	402	☐				
GALLUP	6743	-460	☐				
GREENHORN	7471	-1188	☐				
GRANEROS	7520	-1237	☐				
TWO WELLS	7628	-1345	☐	2100		Gas	
PAGUATE	7644	-1361	☐				
CUBERO	7653	-1370	☐				
LOWER CUBERO	7689	-1406	☐				
ENCINAL	7751	-1468	☐			TD is 57' into Encinal with estimated bottom perf 12' off bottom.	
Total Depth	7811	-1528	☐			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 585 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 34N

DEVELOPMENT

Production	30-6 37A	SE10-30-6
Production	30-6 1A	SE9-30-6

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

San Juan 30-6 Unit #34N well location

**930' FNL 710' FWL Section 10, 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 6.7 mi, across La Jara Wash to a large pigging facility on the top of the hill (Lat. 36.83222° N, 107.43000° W).

Turn left immediately past the pigging facility and travel northwesterly and westerly 1.6 mi to the new access on the right (north) side of the road (Lat. 36.83250° N, Long. 107.45556° W).

The new access continues westerly 371' to the new location (Lat. 36.83181° N, Long. 107.45677° W).

This well is twinned with the proposed San Juan 30-6 Unit #1M well.