

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 16 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management  
Farmington Field Office

1a. Type of Work DRILL	5. Lease Number SF-078316-F Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe RCVD MAY 14 '09
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company, LP	7. Unit Agreement Name OIL CONS. DIV. DIST. 3
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Walker 9. Well Number 1B
4. Location of Well Surf: Unit B(NWNE), 893' FNL & 1704' FEL  Surf: Latitude: 36.85979° N (NAD83) Longitude: 107.81861° W	10. Field, Pool, Wildcat Basin DK/Blanco MV  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 31, T31N, R9W API # 30-045-34954
14. Distance in Miles from Nearest Town 13 miles/Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 893'	
16. Acres in Lease 334.880	17. Acres Assigned to Well MV/DK 312.80 (E/2)
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 900' from Walker 1 (PE) MV	
19. Proposed Depth 7970' <small>This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4</small>	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6622' GL	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)	4/16/2009 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

NOTIFY AZTEC OGD 24 HRS.  
PRIOR TO CASING & CEMENT  
ON FEDERAL AND INDIAN LANDS

MAY 14 2009

NMOCD

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

RECEIVED

Form C-102  
Revised October 12, 2005

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 87506

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

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

Bureau of Land Management  
Farmington Field Office

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-34954		*Pool Code 71599 / 72319	*Pool Name BASIN DAKOTA/BLANCO MESAVERDE
*Property Code 18637 7624	*Property Name WALKER		*Well Number 1 B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6622'

#### 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
B	31	31N	9W	6	893'	NORTH	1704'	EAST	SAN JUAN

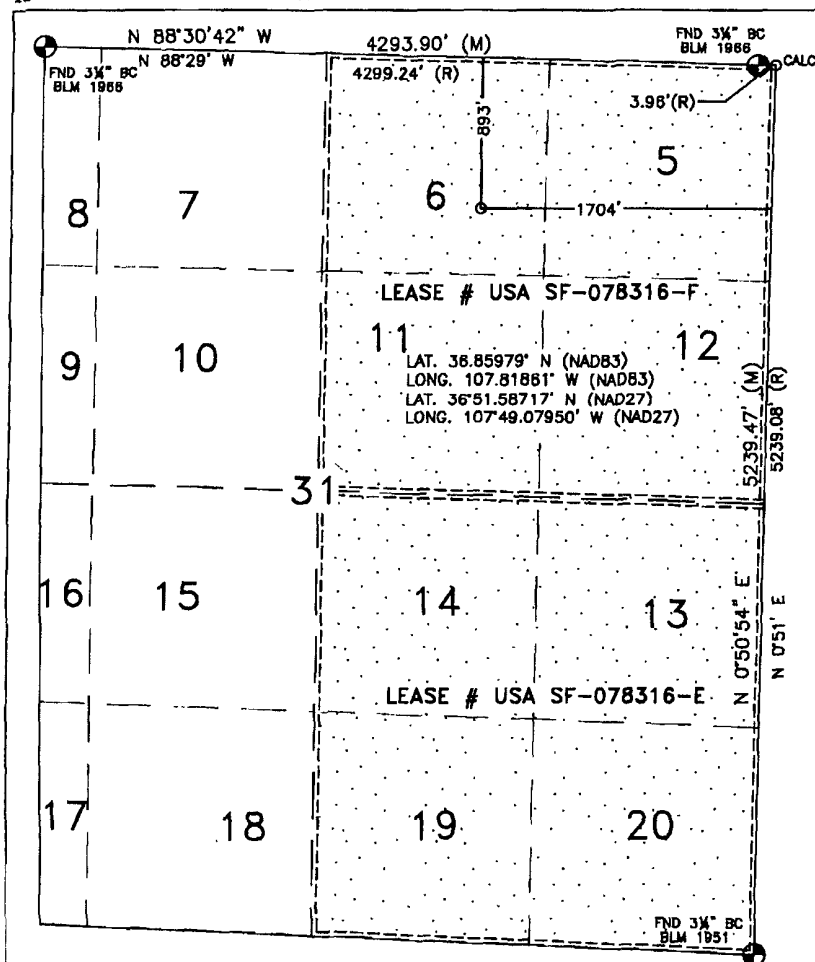
#### 11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B									

*Dedicated Acres 312.80 Acres - (E/2)	*Joint or Infill	*Consolidation Code	*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.

*James Gardenhire* 10/10/08  
Signature Date

James Gardenhire  
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.

AUGUST 22, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

*David R. Russell*  
DAVID R. RUSSELL  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
10201

DAVID RUSSELL  
Certificate Number 10201

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

WALKER 1B

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8352			AFE \$: 1,353,323.48	
Field Name: hBR_SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN	API #:
Geologist:		Phone:		Geophysicist:		Phone:
Geoscientist: Johnson, David		Phone: +1 505-324-6169		Prod. Engineer:		Phone:
Res. Engineer: Prabowo, Wahyu		Phone: +1-505-326-9797		Proj. Field Lead:		Phone:
<b>Primary Objective (Zones):</b>						
<b>Zone</b>	<b>Zone Name</b>					
FRR	BASIN DAKOTA (PRORATED GAS)					
RON	BLANCO MESAVERDE (PRORATED GAS)					
<b>Location:</b> Datum Code: NAD 27						
Latitude: 36.859786		Longitude: -107.817992		X:	Y:	Section: 31 Range: 009W
Footage X: 1704 FEL		Footage Y: 893 FNL		Elevation: 6622 (FT)		Township: 031N
Tolerance:						
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:		Date In Operation:
Formation Data: Assume KB = 6638 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6438	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	2024	4614	<input type="checkbox"/>			
KIRTLAND	2156	4482	<input type="checkbox"/>			
FRUITLAND	2830	3808	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	3372	3266	<input type="checkbox"/>			
LEWIS	3492	3146	<input type="checkbox"/>			
Intermediate Casing	3592	3046	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 809 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	4116	2522	<input type="checkbox"/>			
CHACRA	4460	2178	<input type="checkbox"/>			
UPPER CLIFF HOUSE	4922	1716	<input type="checkbox"/>			Gas; Est. Top Perf - 4924 (1714)
MASSIVE CLIFF HOUSE	5158	1480	<input type="checkbox"/>	163		Gas
MENEFEE	5247	1391	<input type="checkbox"/>			
POINT LOOKOUT	5610	1028	<input type="checkbox"/>			
MANCOS	5954	684	<input type="checkbox"/>			
UPPER GALLUP	6918	-280	<input type="checkbox"/>			
GREENHORN	7668	-1030	<input type="checkbox"/>			
GRANEROS	7719	-1081	<input type="checkbox"/>			
TWO WELLS	7773	-1135	<input type="checkbox"/>	2770		Gas
PAGUATE	7866	-1228	<input type="checkbox"/>			
UPPER CUBERO	7898	-1260	<input type="checkbox"/>			
LOWER CUBERO	7914	-1276	<input type="checkbox"/>			Est. Btm Perf - 7955 (-1317) based on offset wells
ENCINAL	7970	-1332	<input type="checkbox"/>			TD - T/ENCN
Total Depth	7970	-1332	<input type="checkbox"/>			6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 596 cuft. Circulate cement a minimum of 100' inside the previous casing string.
<b>Reference Wells:</b>						
Reference Type	Well Name		Comments			

# PROJECT PROPOSAL - New Drill / Sidetrack

WALKER 1B

DEVELOPMENT

Production	Riddle C LS 1B	31N-9W31 NW
Production	Walker 1	31N-9W31 NW SE NE
Production	State Com-H 4-A	31N-9W32 NW SE NW

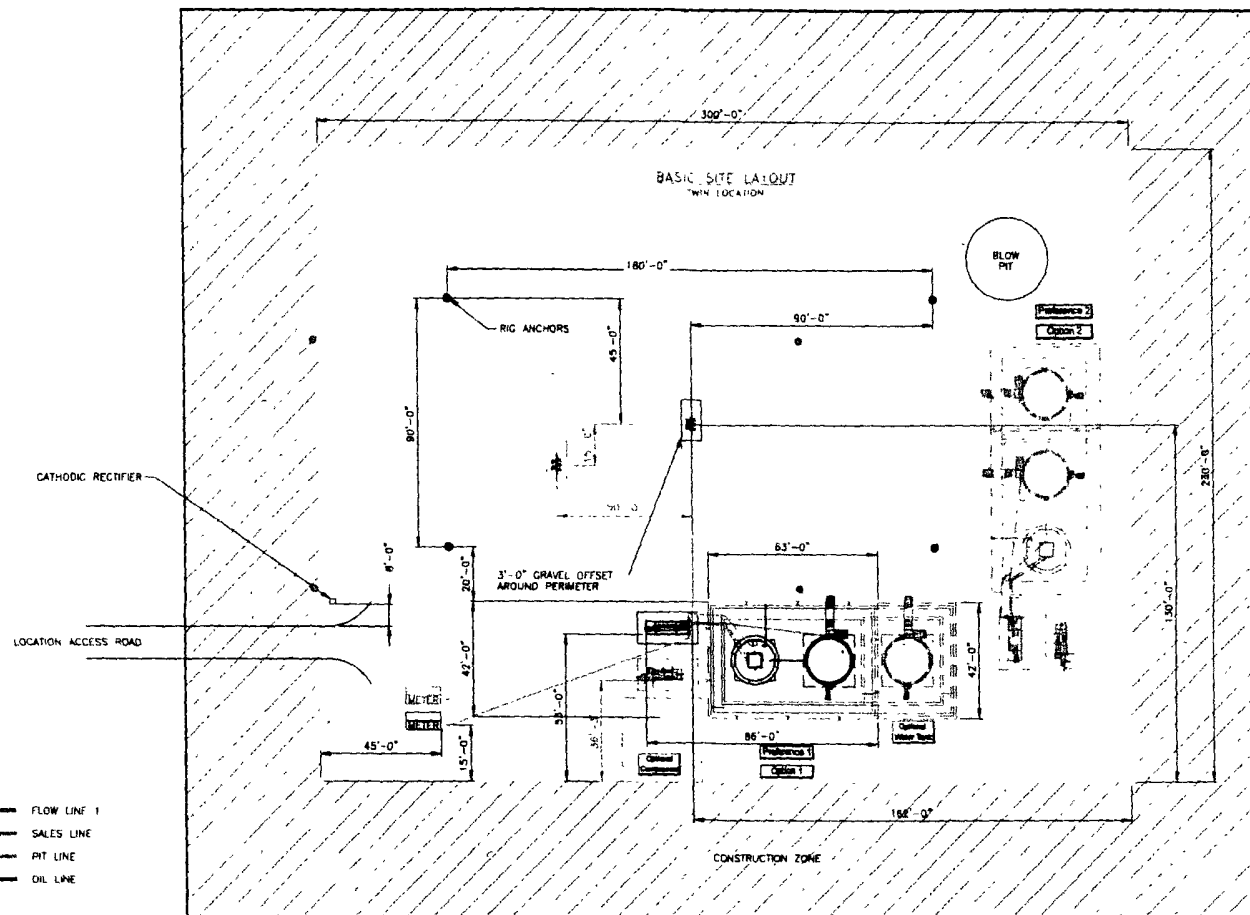
**Logging Program:**

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



SEE SHEET 3 & 4 FOR PIPING DETAILS  
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 5'-0" TOP

SHEET 1 OF 3

**CenocoPhillips**

CENOCOPhillips  
HIGH PRESSURE 3 PHASE  
FACILITY DIAGRAM- SITE LAYOUT

SAN JUAN BUSINESS UNIT

CLIENT No.	CLIENT APPR	APPR DATE
DESIGN BY	SCALE: NONE	CREATION DATE 8/20/07
DATE	HP3PHASE-REV1	SHEET No 1 OF 3

DESCRIPTION	DATE	BY	CHK'D	ENG	DNC	PLN	ENGINEERING REVIEW			REFERENCE DRAWINGS	
							DISCIPLINE	REVIEWED	DATE	NO	DESCRIPTION
							PROCESS				
							MECHANICAL				
							PIPING				
							ELECTRICAL				
							I & C				
							CIVIL/STRUCTURE				
							PROJECT				

Project: Sigsbee/ChenocPhillips/San Juan Business Unit Layouting: 8/20/2007 - 02:30pm

# **BURLINGTON RESOURCES OIL & GAS COMPANY LP**

WALKER #1 B  
893' FNL & 1704' FEL  
LOCATED IN THE NW/4 NE/4 OF SECTION 31,  
T31N, R9W, N.M.P.M.,  
SAN JUAN COUNTY, NEW MEXICO

## **DIRECTIONS**

- 1) FROM HWY 550 & CR 2770, HART CANYON ROAD, GO EAST ON CR 2770 FOR 6.5 MILES TO "Y" INTERSECTION.
- 2) TURN RIGHT & GO 1.9 MILES.
- 3) TURN RIGHT & GO 0.75 MILES TO EXISTING WELL PAD.
- 4) BEGIN ACCESS IS ON NORTHEAST SIDE OF EXISTING LOCATION. FOLLOW RED FLAGGING FOR 866.94' TO NEW WELL PAD.

WELL FLAG LOCATED AT LAT. 36.85979°N, LONG. 107.81861°W (NAD 83).

JOB No.: COPC229  
DATE: 09/24/08



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