

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078316-E 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Walker 9. Well Number 1M
4. Location of Well Surf: Unit P(SESE), 49' FSL & 349' FEL Bottomhole: Unit P(SESE), 710' FSL & 710' FEL Surf: Latitude: 36.84790° N (NAD83) Longitude: 107.81420° W Bottomhole: Latitude: 36.84976° N (NAD83) Longitude: 107.81543° W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 31, T31N, R9W API # 30-045-35005
14. Distance in Miles from Nearest Town 18 miles/Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 49'	
16. Acres in Lease 372.500	17. Acres Assigned to Well MV/DK 312.80 (E/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200' from Florance Gas Com J #16	
19. Proposed Depth 7680'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6347' GL	22. Approx. Date Work will Start 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
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Tracey N. Monroe</u> Tracey N. Monroe (Staff Regulatory Technician)	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

JUL 27 2009

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

Hold C104

for Directional Survey
and "As Drilled"

NMOC

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

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

RECEIVED

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505
Bureau of Land Management
Farmington Field Office

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35005		² Pool Code 71599/72319		³ Pool Name BASIN DAKOTA/BLANCO MESAVERDE	
⁴ Property Code 7624		⁵ Property Name WALKER			⁶ Well Number 1 M
⁷ GRID No. 14538		⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP			⁹ Elevation 6347'

¹⁰ Surface Location

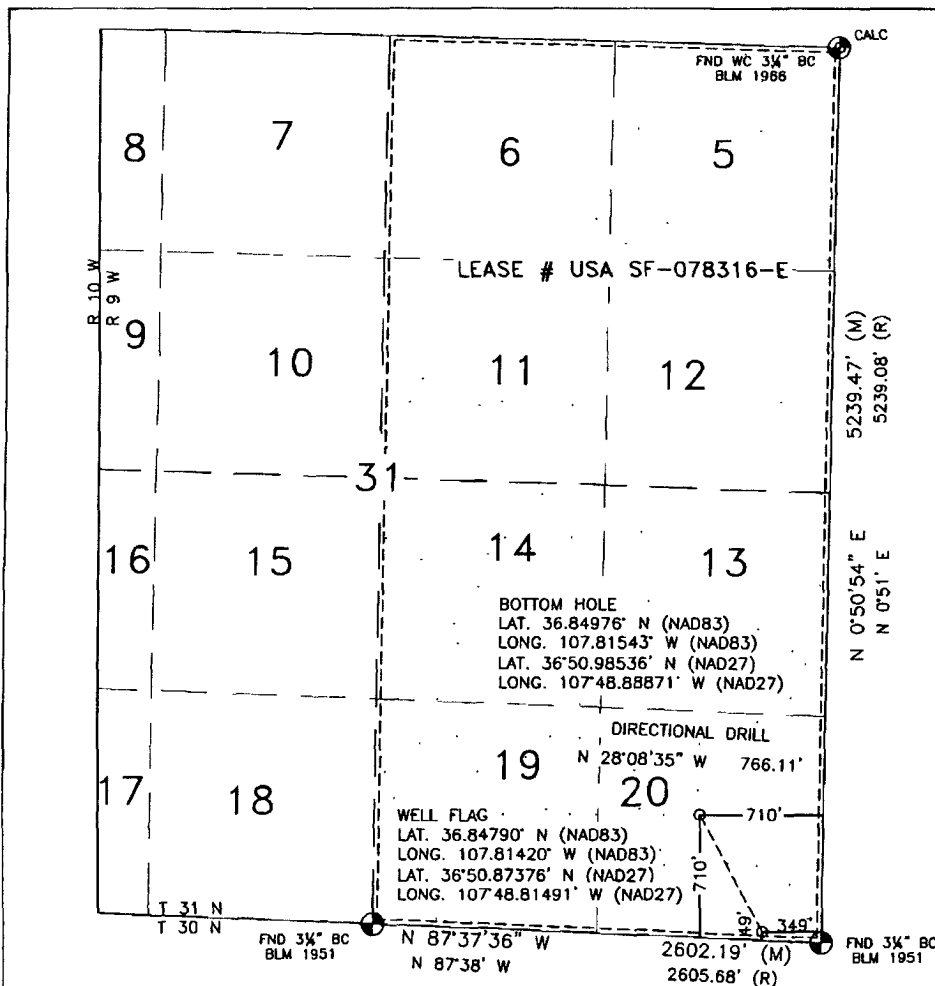
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	31N	9W	20	49'	SOUTH	349'	EAST	SAN JUAN

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
P	31	31N	9W	20	710'	SOUTH	710'	EAST	SAN JUAN
¹² Dedicated Acres 312.80 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

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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 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.

Tracey N. Monroe 6/29/05
Signature Date

Tracey N. Monroe
Printed Name

¹⁸ SURVEYOR CERTIFICATION

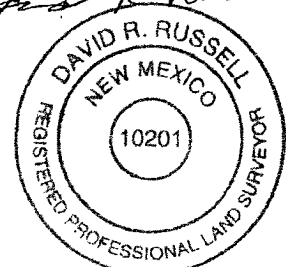
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 10, 2008

Date of Survey

Signature and Seal of Professional Surveyor:

David R. Russell



DAVID RUSSELL

Certificate Number

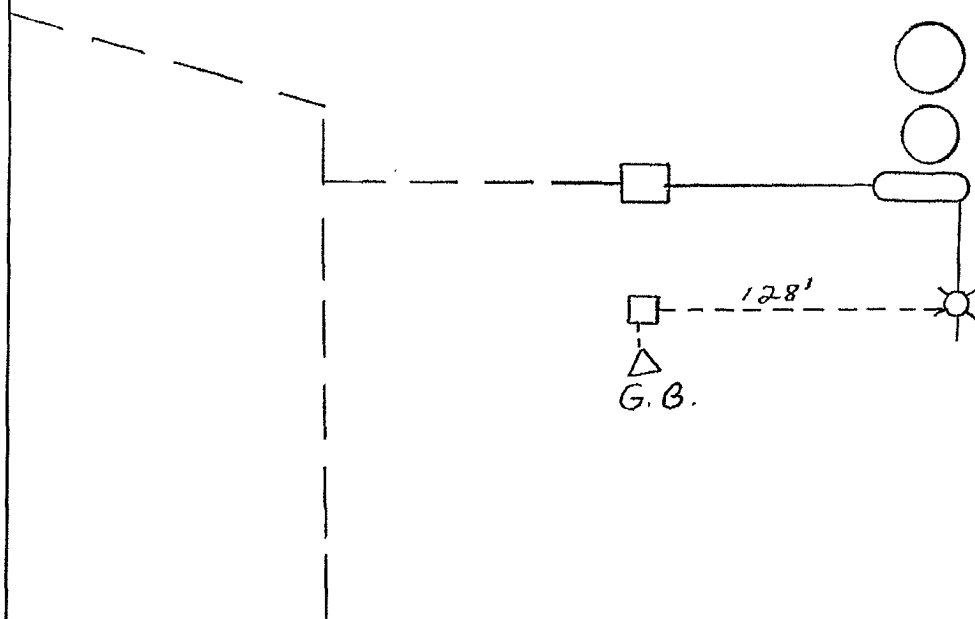
10201

Walker 1M

C.P. Plat
 P31-31-9



Drill ground bed 128' to the west of the well, use single well solar as power source. Solar and G.B. will be installed at entrance on south side.



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

WALKER 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8353		AFE \$: 1,613,286.44	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 711		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		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: 36.847896	Longitude: -107.813582	X:	Y:	Section: 31	Range: 009W
Footage X: 349 FEL	Footage Y: 49 FSL	Elevation: 6347	(FT)	Township: 031N	
Tolerance:					

Location: Bottom Hole Datum Code: NAD 27

Latitude: 36.849756	Longitude: -107.814812	X:	Y:	Section: 31	Range: 009W
Footage X: 720 FEL	Footage Y: 710 FSL	Elevation:	(FT)	Township: 031N	
Tolerance:					

Location Type: Year Round Start Date (Est.): 1/1/2009 Completion Date: Date In Operation:

Formation Data: Assume KB = 6362 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6162	☐			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	1745	4617	☐			
KIRTLAND	1893	4469	☐			
FRUITLAND	2498	3864	☐			Possible Gas
PICTURED CLIFFS	3086	3276	☐			
LEWIS	3206	3156	☐			
Intermediate Casing	3356	3006	☐			8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 781 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3811	2551	☐			
CHACRA	4148	2214	☐			
UPPER CLIFF HOUSE	4615	1747	☐			Gas; Est. Top Perf - 4618 (1745)
MASSIVE CLIFF HOUSE	4851	1511	☐	165		Gas
MENEFEE	4947	1415	☐			
POINT LOOKOUT	5338	1024	☐			
MANCOS	5683	679	☐			
UPPER GALLUP	6622	-260	☐			
GREENHORN	7380	-1018	☐			
GRANEROS	7427	-1065	☐			
TWO WELLS	7484	-1122	☐	2738		Gas
PAGUATE	7578	-1216	☐			
UPPER CUBERO	7610	-1248	☐			
LOWER CUBERO	7624	-1262	☐			Est. Btm Perf - 7666 (-1303) based on offset wells
ENCINAL	7680	-1318	☐			TD - T/ENCN

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

WALKER 1M

DEVELOPMENT

Total Depth	7680	-1318	☐	6-1/4" hole, 4-1/2" 11.6 ppf, J-55/L-80, LTC casing. Cement w/ 589 cuft. Circulate cement a minimum of 100' inside the previous casing string.
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Reference Wells:		
Reference Type	Well Name	Comments
Production	Walker Com LS 2B	31N-9W32 SE SW SW
Production	Florance 2X 16	30N-9W6 SW NE NE

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							

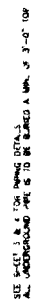
Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

ConocoPhillips or its affiliates

Planning Report

Database: EDM Central Planning	Local Co-ordinate Reference: Well Walker #1M	
Company: ConocoPhillips SJBUI	TVD Reference: RKB @ 6362 0ft (Original Well Elev)	
Project: San Juan Basin - New Mexico Wells	MD Reference: RKB @ 6362 0ft (Original Well Elev)	
Site: Other Named Wells	North Reference: True	
Well: Walker #1M	Survey Calculation Method: Minimum Curvature	
Wellbore: Principal Wellbore		
Design: Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,790 3	1,745 0	Ojo		0 00		
1,946 7	1,893 0	Kirtland		0 00		
2,586 2	2,498 0	Fruitland		0 00		
3,198.2	3,086 0	Pictured Cliffs		0 00		
3,319 0	3,206 0	Lewis		0 00		
3,924 1	3,811 0	Huerfano Bentonite		0 00		
4,261 1	4,148 0	Chacra		0 00		
4,728 1	4,615 0	Upper Cliffhouse		0 00		
4,964 1	4,851 0	Mass Cliffhouse		0 00		
5,060 1	4,947 0	Menefee		0 00		
5,451 1	5,338 0	Point Lookout		0 00		
5,796 1	5,683 0	Mancos		0 00		
6,735 1	6,622 0	Upper Gallup		0 00		
7,493 1	7,380 0	Greenhorn		0 00		
7,540 1	7,427 0	Graneros		0 00		
7,597 1	7,484 0	Two Wells		0 00		
7,691 1	7,578 0	Paguate		0 00		
7,723 1	7,610 0	Upper Cubero		0 00		
7,737 1	7,624 0	Lower Cubero		0 00		
7,793 1	7,680 0	Encinal		0 00		



5432 : 3F 5

[illegible]

BURLINGTON RESOURCES OIL & GAS COMPANY LP

WALKER #1 M
49' FSL & 349' FEL
LOCATED IN THE SE/4 SE/4 OF SECTION 31,
T31N, R9W, N.M.P.M.,
SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 550 & HWY 173 IN AZTEC, TRAVEL EAST ON HWY 173 FOR 12.7 MILES.
- 2) TURN LEFT & TRAVEL 3.25 MILES.
- 3) TURN LEFT & TRAVEL 2.35 MILES.
-) TURN RIGHT & TRAVEL 0.2 MILES TO CURVE IN ROAD WHERE ACCESS BEGINS ON RIGHT. FOLLOW RED FLAGGING FOR 135' TO NEW WELL PAD.

WELL FLAG LOCATED AT LAT. 36.84790°N, LONG. 107.81420°W (NAD 83).