

RCUD MAY4'07

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV.

DIST. 3
AMENDED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number USA SF-077231 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 Shaw 9. Well Number #1M
4. Location of Well Surf: Unit C (NENW), 1180' FNL & 1975' FWL SURF: Latitude 36° 48.9081 N Longitude 107° 44.0218 W	10. Field, Pool, Wildcat Blanco MV/Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 13, T30N, R9W API # 30-045-34255
14. Distance in Miles from Nearest Town 19 mile/Aztec	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1180'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well MV/DK 320 (N/2)
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 923' Shaw 1A	
19. Proposed Depth 7246'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5814' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Rhonda Rogers</u> Rhonda Rogers (Regulatory Technician)	4-10-07 Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY: [Signature] TITLE AFM DATE 5/3/07

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

*****Forgot to put the Blanco MV on this APD*****

NOTIFY AZTEC OCD 24 HRS.

NMOCD PRIOR TO CASING & CEMENT

5/9/07

8

DISTRICT I
1626 W. French Dr., Hobbs, N.M. 88240

DISTRICT II
1302 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Grande 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

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

20 2007 MAR 27 PM
383 M
RECEIVED
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045- 34255		Pool Code 72319/71599	Pool Name Blanco Mesaverde/ Basin Dakota
Property Code 7503	Property Name SHAW		Well Number 1M
OGED No. 14538	Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		Elevation 5814'

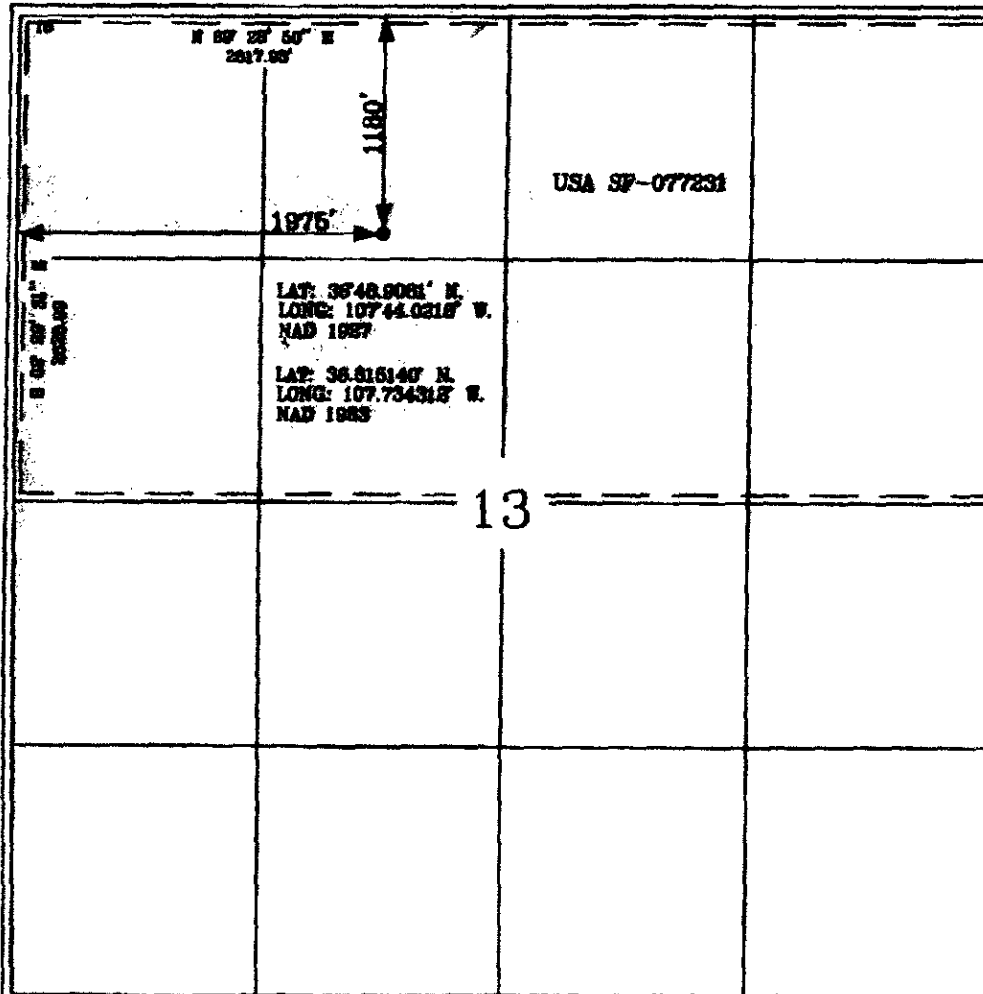
10 Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
C	13	30-N	9-W		1180'	NORTH	1975'	WEST	SAN JUAN

11 Bottom Hole Location if Different From Surface

UL or lot no. C	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320 acres N/2 (MV/DK)					Joint or well		Consolidation Code		Order No. RCUD MAY 07 OIL CONS. DIV. DIST. 3

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



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 retained 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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Kandis Roland
Signature
Kandis Roland
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.

2-
Date of Survey
Signature and Seal of Professional Surveyor
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
15703
Carlton H. Russell
Certificate Number
15703

Submit 3 Copies To Appropriate District
Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico

Energy, Minerals and Natural Resources

Form C

May 27, 2007

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-34255

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

Federal Lease # USA SF-077231

7. Lease Name or Unit Agreement Name

Shaw

8. Well Number

#1M

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV/Basin DK

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter C : 1180' feet from the North line and 1975' feet from the West line
Section 13 Township 30N Rng 9W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5814'

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

<50

Distance from nearest fresh water well

>1000

Distance from nearest surface water

<200

Pit Liner Thickness:

N/A

mil

Below-Grade Tank:

Volume

bbbs;

Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING/CEMENT JOB ☐

ALTERING CASING ☐

P AND A ☐

OTHER:

New Drill

☒

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

New Drill, Unlined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flare pit will be an unlined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids, and that portion will be unlined, as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE



TITLE

Regulatory Technician

DATE

3/27/2007

Type or print name

Rhonda Rogers

E-mail address:

ogerris@conocophillips.com

Telephone No.

505-599-4018

For State Use Only

APPROVED BY



TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

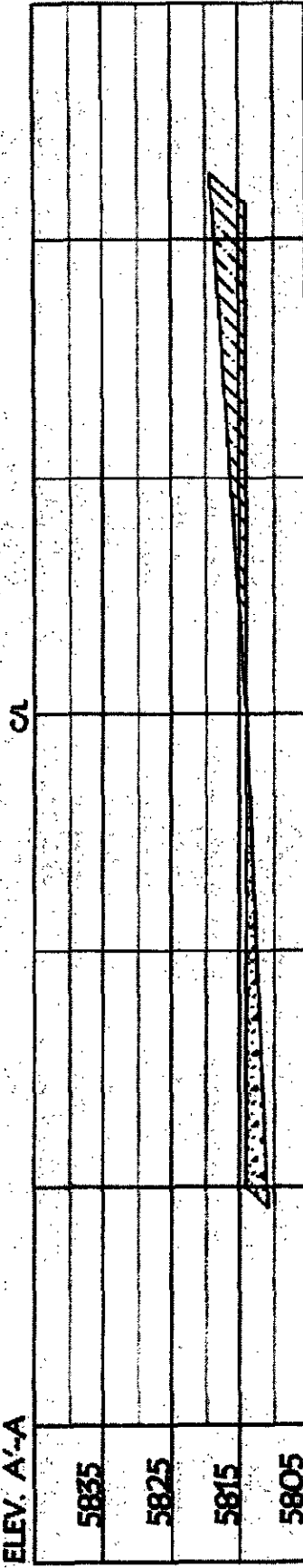
DATE

MAY 09 2007

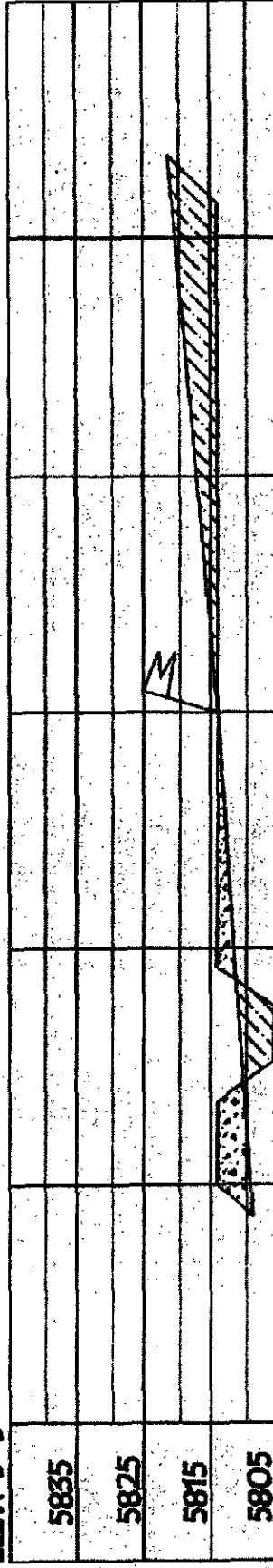
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
 SHAW 1M, 1180' FNL & 1975' FWL
 SECTION 13, T-30-N, R-9-W, NMPM, SAN JUAN COUNTY, NM
 GROUND ELEVATION: 5814', DATE: JANUARY 5, 2007

ELEV. A'-A



ELEV. B'-B



ELEV. C'-C



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED
 PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SHAW 1M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7037		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: XX 2008 30N		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist: Head, Chip F		Phone: 505-326-9772		Prod. Engineer:	
Res. Engineer: Prabowo, Wahyu		Phone: 832-486-2275		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		Straight Hole	
Latitude: 36.815135	Longitude: -107.733697	X:	Y:	Section: 13	Range: 009W
Footage X: 1975 FWL	Footage Y: 1180 FNL	Elevation: 5814	(FT)	Township: 030N	
Tolerance:					

Location Type: Year Round	Start Date (Est.):	Completion Date:	Date In Operation:
Formation Data: Assume KB = 5826 Units = FT			

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5626	<input type="checkbox"/>			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cu ft. Circulate cement to surface.
OJO ALAMO	1401	4425	<input type="checkbox"/>			
KIRTLAND	1493	4333	<input type="checkbox"/>			
FRUITLAND	2286	3540	<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2588	3238	<input type="checkbox"/>			
LEWIS	2716	3110	<input type="checkbox"/>			
Intermediate Casing	2816	3010	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 634 cu ft. Circulate cement to surface.
HUERFANITO BENTONITE	3286	2540	<input type="checkbox"/>			
CHACRA	3613	2213	<input type="checkbox"/>			
MASSIVE CLIFF HOUSE	4311	1515	<input type="checkbox"/>	250		Gas
MENEFEE	4431	1395	<input type="checkbox"/>			
MASSIVE POINT LOOKOUT	4786	1040	<input type="checkbox"/>			
MANCOS	5076	750	<input type="checkbox"/>			
UPPER GALLUP	6063	-237	<input type="checkbox"/>			
GREENHORN	6817	-991	<input type="checkbox"/>			
GRANEROS	6869	-1043	<input type="checkbox"/>			
TWO WELLS	6927	-1101	<input type="checkbox"/>	2475		Gas
PAGUATE	7012	-1186	<input type="checkbox"/>			
UPPER CUBERO	7040	-1214	<input type="checkbox"/>			
LOWER CUBERO	7060	-1234	<input type="checkbox"/>			
ENCINAL	7109	-1283	<input type="checkbox"/>			
MORRISON	7206	-1380	<input type="checkbox"/>			
TOTAL DEPTH DK	7246	-1420	<input type="checkbox"/>			5 6-1/4" Hole. 4-1/2", 10.6/11.6 ppf, J-55 STC/LTC casing. Cement with 603 cu ft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells		
Reference Type	Well Name	Comments

PROJECT PROPOSAL - New Drill / Sidetrack

SHAW 1M

DEVELOPMENT

Logging Program:Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD Logs: ☒ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

OH logs from TD to minimum operations depth.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - MVNM030N009W13NW2 AND DK 30N09W13NW1 Prefer E, C, F, but E has heavy topo and C&F are partly in ACEC with topo and wash. Avoid D due to existing Shaw 1A MV well but may need to go directional from that location.

General/Work Description - Moved from 2007 to 2008 due to 2007 Capex program adjustments 3/15/07 - LM
LEWIS INCLUDED