<u>District III</u> 1000 Rio Brazos Rd., Azzec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

State of New Mexico

Form C-101 Permit 86733

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1	Operator Name and Address	2 OCDT 111-
		2. OGRID Number
BURLINGTON RESOURCES OIL & GAS COMPANY LP		14538
1280 To	401 E. 30TH STREET MINGTON , NM 87402	3. API Number
TAN	20111-0-1-014 , 14101-07-402	30-045-34871
4. Property Code	5. Property Name	6. Well No.
37519	CULPEPPER MARTIN 16	100

7. Surface Location

UL-	Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
c		4	31N	12W	3	986	N	1684	W	SAN JUAN

8. Pool Information

BLANCO PICTURED CLIFFS (GAS)	72359
BASIN FRUITLAND COAL (GAS)	71629

Additional Well Information

	73.7					1977	
9. Work Type New Well			11. Cable/Rota	Ŋ	13. Ground Level Elevation 5991		
14. Mühtiple Y	50000000	osed Depth 608	16. Formation Pictured Cliff's Formation		17. Contractor	18. Spud Date	
Depth to Ground	water		Distance from neare	st fresh water wel	1	Distance to nearest surface water	
Pit: Liner: Synthetic [Closed Loop Syste	_ m	mils thick	Clay Pit Volume:		illing Method: esh Water Brine 1	Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	8.75	7	20	120	50	0
Prod	6.25	4.5	10.5	2608	401	0

Casing/Cement Program: Additional Comments

Sacks of cement are stated in Cubic feet

Proposed Blowout Prevention Program

2.000	Troposed Dionode Tr	ventali i rogi ditt	S	
Туре	Working Pressure	Test Pressure	Manufacturer	
DoubleRam	2000	2000	Schafer	

I hereby certify that the information given above is true and complete to the bes of my knowledge and belief. I further certify that the drilling pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Charlie Perrin			
Printed Name: Electronically filed by Tracey N Monroe	Title: District Supervisor			
Title: Regulatory Assistant	Approved Date: 12/19/2008 Expiration Date: 12/19/2010			
Email Address: monrotn@conocophillips.com	78 - 18 - 1			
Date: 12/11/2008 Phone: 505-326-9752	Conditions of Approval Attached			

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

<u>District II</u>

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

<u>District III</u> 1000 Rio Brazos Rd., Azzec, NIM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-102 Permit 86733

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name
30-045-34871	72359	BLANCO PICTURED CLIFFS (GAS)
4. Property Code	5. Property Name	6. Well No.
37519	CULPEPPER MARTIN	16 100
7. OGRID No.	8. Operator Name	9. Elevation
14538	BURLINGTON RESOURCES OIL & G.	AS COMPANY LP 5991

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	4	31N	12W		986	N	1684	w	SAN JUAN

11. Bottom Hole Location If Different From Surface

			20000111								
UL - Lot	Section	Township	Range	Lot 1	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
10757175	cated Acres	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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ě.		

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(s) 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.

E-Signed By: Tracey N Monroe Title: Regulatory Assistant Date: 12/11/2008

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.

Surveyed By: Marshall Lindeen Date of Survey: 5/21/2008 Certificate Number: 17078 District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

District in 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico

Form C-102 Permit 86733

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. Pool Name			
30-045-34871	71629 BASIN FRUITLAN		ND COAL (GAS)		
4. Property Code	5. Property	5. Property Name			
37519	CULPEPPER M	IARTIN 16	100		
7. OGRID No.	8. Operator	8. Operator Name			
14538	BURLINGTON RESOURCES C	OIL & GAS COMPANY LP	5991		

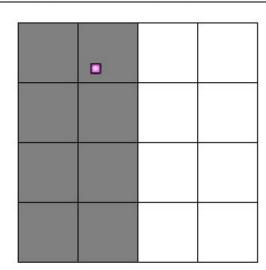
10. Surface Location

Š	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
	С	4	31N	12W		986	N	1684	W	SAN JUAN	

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township		Range	Lot Idn		Feet From	N/S L	ine	Feet From	E/W Line	County
12. Dedicated Acres 318.79			13. Joint or Infill		14. Consolidation Code		Code	15. Order No.				

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Surveyed By: Marshall Lindeen Date of Survey: 5/21/2008 Certificate Number: 17078

Permit Comments

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538

Well: CULPEPPER MARTIN 16 #100

API: 30-045-34871

Created By	Comment	Comment Date		
CWalker	the pit will be filed This is a Master plan Example # 2	12/11/2008		
CWalker	DHC will be filed	12/11/2008		

Permit Conditions of Approval

Operator: BURLINGTON RESOURCES OIL & GAS COMPANY LP , 14538
Well: CULPEPPER MARTIN 16 #100

API: 30-045-34871

OCD Reviewer	Condition
SHAYDEN	A complete C-144 must be submitted to, and approved by, the NM OCD for: a pit, closed loop system, below grade tank, or proposed alternative method, pursuant to NMOCD part 16.15.17, prior to the use or construction of the above applications.