

# BURLINGTON RESOURCES

## PRODUCTION ALLOCATION FORM

Distribution:  
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Regulatory  
Accounting  
Well File  
Revised: March 9, 2006

Status  
PRELIMINARY ☐  
FINAL ☒  
REVISED ☐

Commingle Type  
SURFACE ☐ DOWNHOLE ☒

Type of Completion  
NEW DRILL ☒ RECOMPLETION ☐ PAYADD ☐ COMMINGLE ☐

Date: 08/15/2006

API No. 30-045-33082

DHC No. DHC-3602

Lease No. Fee

Well Name  
CULPEPPER MARTIN

Well No.  
#101

Unit Letter	Section	Township	Range	Footage	County, State
H	21	T032N	R012W	1685' FNL & 985' FEL	San Juan County, New Mexico

Completion Date  
02/03/2006

Test Method  
HISTORICAL ☐ FIELD TEST ☐ PROJECTED ☐ OTHER ☒

FORMATION	GAS	PERCENT	CONDENSATE	PERCENT
FRUITLAND SAND	.056 BCF	4%		4%
FRUITLAND COAL	1.289 BCF	96%		96%

JUSTIFICATION OF ALLOCATION: These percentages are based upon volumetric allocations, based on log analysis from the Fruitland Coal and Fruitland Sand formations during completion operations. Oil was not present during test operations. For that reason, oil percentages are based upon the gas allocation and are provided in the event this wellbore begins producing oil at some point in the future.

APPROVED BY	DATE	TITLE	PHONE
X <i>Julian Carrillo</i>	8-16-06	Engineer	505-599-4063
Julian Carrillo			
X <i>Wendy Payne</i>	8/15/06	Engineering Tech.	505-326-9533
Wendy Payne			

# Burlington Resources

## Volumetric Production Allocation Spreadsheet

**Well Name:** Culpepper Martin 101  
**Location:** 32N 12W 21NE  
**Analyst:** JLS  
**Date:** 8/3/2006

Fruitland Sand Volumetrics:	
Reservoir pressure	675 psig
Reservoir temperature	105 deg F
Gas gravity	0.65
Calculated Bg	47.4 SCF/cu ft
Net Reservoir thickness	3 ft
Reservoir porosity	0.10 (frac)
Water saturation	0.29 (frac)
Drainage area	160 acres
Abandonment pressure	100 psig
Calculated GIP	0.067 BCF
Calculated EUR @ abandonment	0.056 BCF

Fruitland Coal Volumetrics:	
Reservoir pressure	675 psig
Reservoir thickness	36.0 ft
Coal density	1.47 g/cc
Abandonment pressure	100 psig
Drainage area	160 acres
Calculated gas content	146 SCF/ton
Calculated GIP	1.688 BCF
Calculated EUR @ abandonment	1.289 BCF

Allocation Calculation:		
	<u>EUR</u>	<u>Allocation</u>
Fruitland Sand	0.056	<b>0.04</b>
Fruitland Coal	<u>1.289</u>	<b>0.96</b>
Total	1.345	1.00

Note: