

# BURLINGTON RESOURCES

May 31, 2002

New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Re: San Juan 27-5 Unit #117M  
C Section 22, T-27-N, R-5-W  
30-039-23703



## REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well for the Lewis pay add that was completed 8-23-01. DHC-1504 was issued for this well.

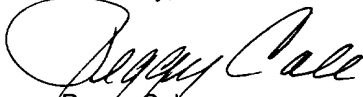
Gas: Mesaverde 39%  
Dakota 61%

Oil: Mesaverde 85%  
Dakota 15%

These percentages were calculated using rate-time reserve estimate comparisons for each respective formation. Because the Lewis formation was the only formation added during operations, the oil allocation has stayed the same as it was prior to working over the well.

Please let me know if you have any questions.

Sincerely,

  
Peggy Cole  
Regulatory Supervisor

Xc: NMOCD – Santa Fe  
Bureau of Land Management

# Production Allocation Documentation

## San Juan 27-5 Unit #117M

Production Allocation

Based on Remaining Reserves

Lewis Payadd August 2001

### **REVISED**

#### GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	493.8	61%
All	<u>812.6</u>	
Mesaverde	318.9	39%

#### Condensate

Since only the Lewis was added, and the Lewis is not an oil-producing formation, the condensate allocation remains the same.

# SAN JUAN 27-5 UNIT 117M DK (29435343714.1464) Data: Jan. 1986-Apr. 2002

Operator: BURLINGTON RESOURCES OG CO LP

Field: BASIN DAKOTA (PRORATED GAS)

Zone:

Type: Gas

Group: Well: 0LwAlloc

DK Only (Rate-Time)

qi: 8.61381 MMSCF, Aug, 1987

qf: 0.456589 MMSCF, Oct, 2028

di(Hyp): 32

RR: 493.771 MMSCF

Production Cumis

Oil: 0 MSTB

Gas: 545.395 MMSCF

Water: 0.00302 MSTB

Cond: 3.38711 MSTB

Monthly Gas1 - MMSCF

Cum: 545.395 MMSCF

DK Only - MMSCF

versus time

Qi: 8.61381 MMSCF, Aug, 1987

Qf: 0.456589 MMSCF, Oct, 2028

Di(Hyp->Exp): 32

n: 2.1

RR: 493.771 MMSCF

EUR: 1039.17 MMSCF

Corr coeff: -0.690118

