

# BURLINGTON RESOURCES

September 16, 2002

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

Re: San Juan 28-5 Unit #66M  
I Section 29, T-28-N, R-5-W  
30-039-25681

Gentlemen:

Attached is a copy of the allocation for the Lewis pay add for the subject well that was completed 10-18-01. DHC-1581 was issued for this well.

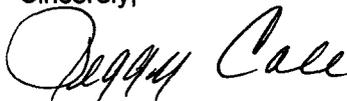
Gas:	Mesaverde	81%
	Dakota	19%

Oil:	Mesaverde	50%
	Dakota	50%

These percentages were calculated using rate-time reserve estimate comparisons for each respective formation. Because the Lewis formation was the only formation added, 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 28-5 Unit #66M

Production Allocation

Based on Remaining Reserves

Lewis Payadd November 2001

#### GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	146.0	19%
All	<u>777.9</u>	
Mesaverde	631.9	81%

#### Condensate

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

SAN JUAN 28-5 UNIT 66M 3606401 (323276593719.745) Data: May. 1999-Jul. 2002

Operator: BURLINGTON RESOURCES OG CO LP

Field:

Zone:

Type: Gas

Group: Well::28\_5LW

alloc all (Rate-Time)

qi: 10.4705 MMSCF, Dec, 2001

qf: 0.456707 MMSCF, Jul, 2041

di(Hyp): 49

RR: 777.915 MMSCF

Production Cumms

Oil: 0 MSTB

Gas: 70.45 MMSCF

Water: 0 MSTB

Cond: 0 MSTB

Monthly Gas1 - MMSCF

Cum: 70.45 MMSCF

alloc all - MMSCF

versus time

Qi: 10.4705 MMSCF, Dec, 2001

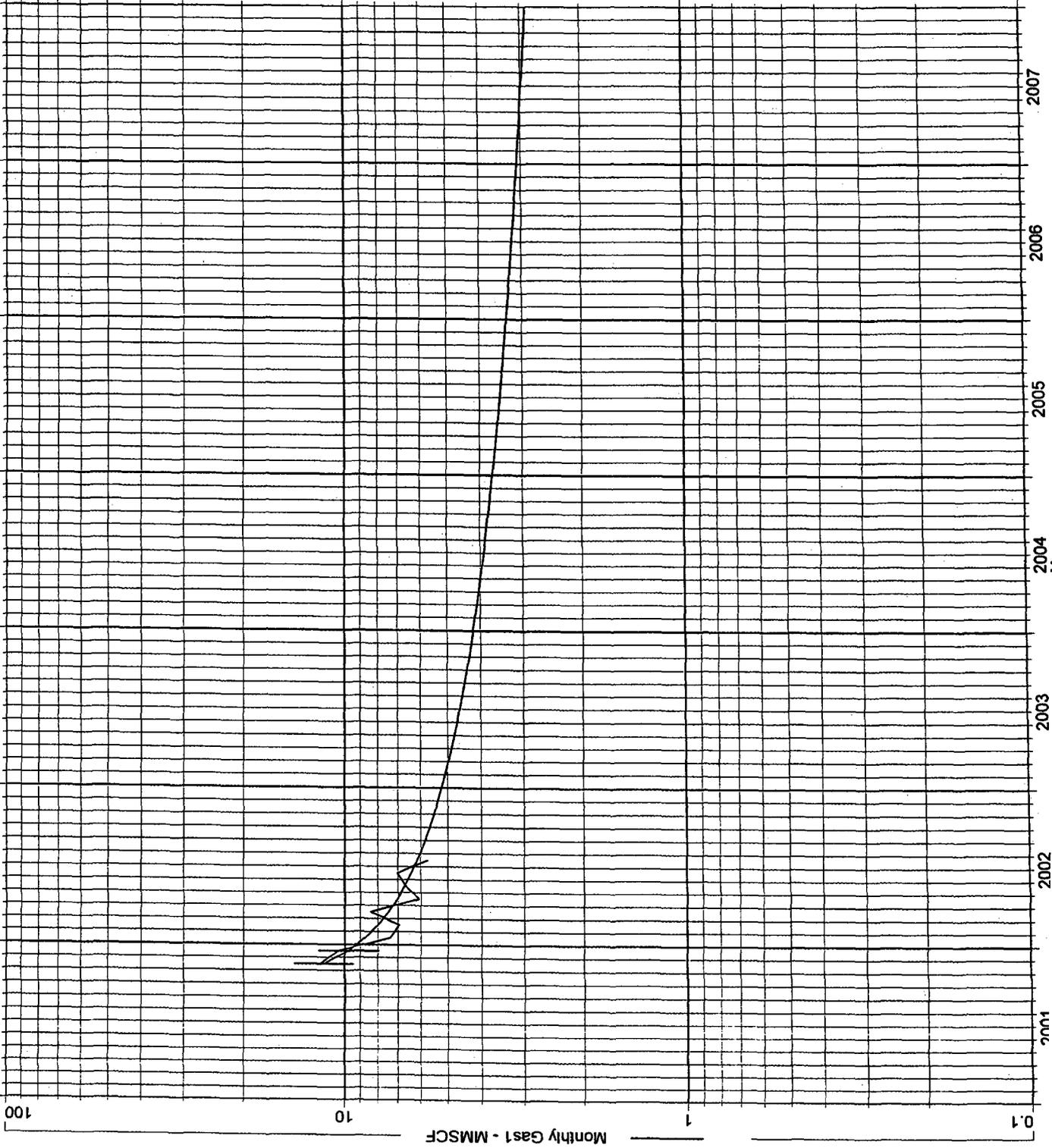
Qf: 0.456707 MMSCF, Jul, 2041

Di:(Hyp->Exp) : 49

n: 2.7

RR: 777.915 MMSCF

Corr coeff: -0.835824



SAN JUAN 28-5 UNIT 66M (DK) 3606402 (324394635302.97) Data: Jan. 1997-Sep.2001

Operator: BURLINGTON RESOURCES OG CO LP  
 Field: BASIN DAKOTA (PRORATED GAS)  
 Zone:  
 Type: Gas  
 Group: Well::28\_5LW

alloc dk (Rate-Time)  
 qi: 2.64806 MMSCF, Nov, 1997  
 qf: 0.456969 MMSCF, Feb, 2018  
 di(Hyp): 30  
 RR: 146.043 MMSCF

Production Cums  
 Oil: 0 MSTB  
 Gas: 85.6068 MMSCF  
 Water: 0 MSTB  
 Cond: 0 MSTB

Monthly Gas1 - MMSCF

Cum: 85.6068 MMSCF  
 alloc dk - MMSCF  
 versus time  
 Qi: 2.64806 MMSCF, Nov, 1997  
 Qf: 0.456969 MMSCF, Feb, 2018  
 Di:(Hyp->Exp) : 30  
 n: 2.1  
 RR: 146.043 MMSCF

Corr coeff: -0.295463

