

# BURLINGTON RESOURCES

April 23, 2002

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

Re: San Juan 27-5 Unit #86M  
J Section 9, T-27-N, R-5-W  
30-039-22394



## REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well for the Lewis pay add that was completed 7-31-01. DHC-1517 was issued for this well.

Gas: Mesaverde 33%  
Dakota 67%

Oil: Mesaverde 41%  
Dakota 59%

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 #86M

Production Allocation

Based on Remaining Reserves

Lewis Payadd July 2001

### **REVISED**

#### GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	573.9	67%
All	<u>858.4</u>	
Mesaverde	284.6	33%

#### Condensate

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

4/23/2002

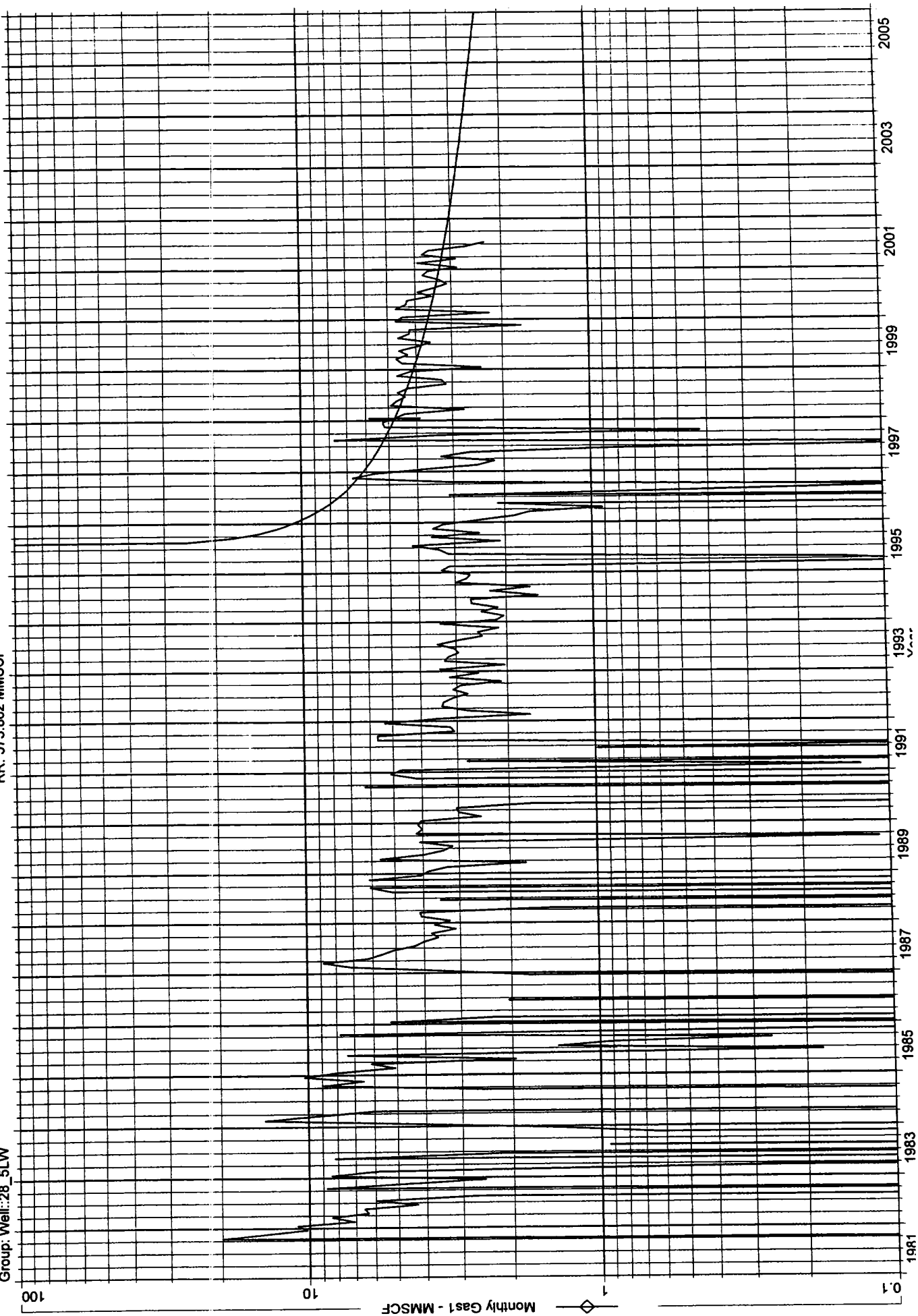
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SAN JUAN 27-5 UNIT 86M DK (32818445370.6832) Data: Jan. 1981-Jul. 2001

Production Cums  
Oil: 0 MSTB  
Gas: 812.139 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB

dk (Rate-Time)  
qi: 4.80912 MMSCF, Jan, 1988  
qf: 0.456827 MMSCF, Aug, 2036  
di(Hyp): 15  
RR: 573.862 MMSCF

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



SAN JUAN 27-5 UNIT 86M ALL (328084263282557) Data: Jul 1981-Mar 2002

Operator: BURLINGTON RESOURCES OG CO LP

Field:

Zone:

Type: Gas

Group: Well: 28\_5LW

all (Rate-Time)

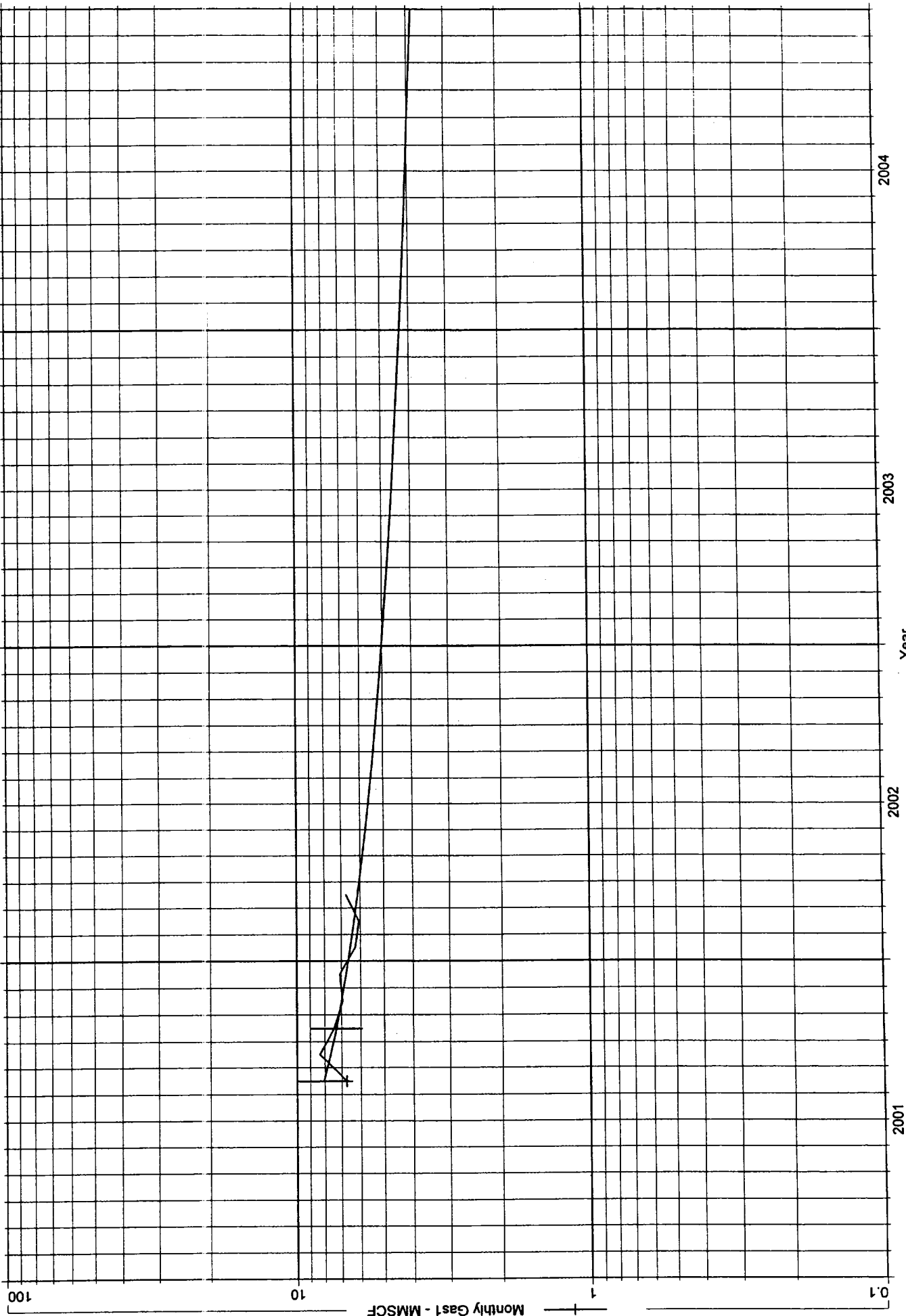
qi: 7.45719 MMSCF, Oct, 2001

qf: 0.456793 MMSCF, Dec, 2042

di(Hyp): 29

RR: 858.432 MMSCF

Production Cums  
Oil: 0 MSTB  
Gas: 55.55 MMSCF  
Water: 0 MSTB  
Cond: 0 MSTB



2001

2002

2003

2004

Year



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington Field Office  
1235 La Plata Highway, Suite A  
Farmington, New Mexico 87401

IN REPLY REFER TO  
NMSF 079391, et al. (wc)  
3162.7 (07100)

April 30, 2002

Ms. Peggy Cole  
Burlington Resources  
PO Box 4289  
Farmington, NM 87499

RE: Accept downhole commingle applications and allocation factors

Dear Ms. Cole:

The following wells were reviewed for downhole commingling. After reviewing the production history for these wells, we concur with the allocation factors established in your application. The effective date is the date that downhole commingling actually occurs. The wells and the approved allocation factors are listed below.

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
San Juan 27-5 #69M	SF 079391 MV PA DK PA	Sec 7, T27N, R5W	3003923823	MV gas 41% Oil 37%	DK gas 59% Oil 63%
San Juan 27-5 #86M	SF 079391 MV PA DK PA	Sec 9, T27N, R5W	3003922394	MV gas 33% Oil 41%	DK gas 67% Oil 59%
San Juan 27-5 #59M	SF 079393 MV PA DK PA	Sec 6, T27N, R5W	3003922224	MV gas 56% Oil 74%	DK gas 44% Oil 26%
San Juan 27-5 #105M	SF 079491 MV PA DK PA	Sec 11, T27N, R5W	3003922435	MV gas 63% Oil 48%	DK gas 37% Oil 52%
San Juan 27-5 #102M	SF 079491 MV PA DK PA	Sec 12, T27N, R5W	3003923896	MV gas 34% Oil 43%	DK gas 66% Oil 57%

If you have any questions, please contact Adrienne Garcia at (505) 599-6358 or the undersigned with this office at (505) 599-6367.

Sincerely,

/s/ Jim Lovato

Jim Lovato  
Team Lead, Petroleum Management Team

cc: NMOCD, Santa Fe, NM  
NMOCD, Aztec, NM

bcc: Well files (5)  
MV PA, DK PA  
DOMR  
07100:AGarcia:4/15/02:x6358:Phillips