

BURLINGTON RESOURCES

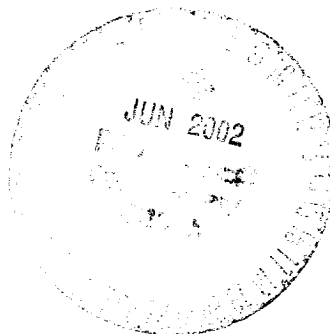
NEW MEXICO OIL CONSERVATION DIV.

02 JUN -4 AM 11:43

May 31, 2002

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

Re: San Juan 27-5 Unit #100M
I Section 1, T-27-N, R-5-W
30-039-25591



REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well for the Lewis pay add that was completed 9-14-01. DHC-219az was issued for this well.

Gas: Mesaverde 44%
Dakota 56%

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 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,

A handwritten signature in cursive script, appearing to read "Peggy Cole".

Peggy Cole
Regulatory Supervisor

Xc: NMOCD - Santa Fe
Bureau of Land Management

Production Allocation Documentation

San Juan 27-5 Unit #100M

Production Allocation

Based on Remaining Reserves

Lewis Payadd September 2001

REVISED

GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	476.9	56%
All	<u>853.6</u>	
Mesaverde	376.7	44%

Condensate

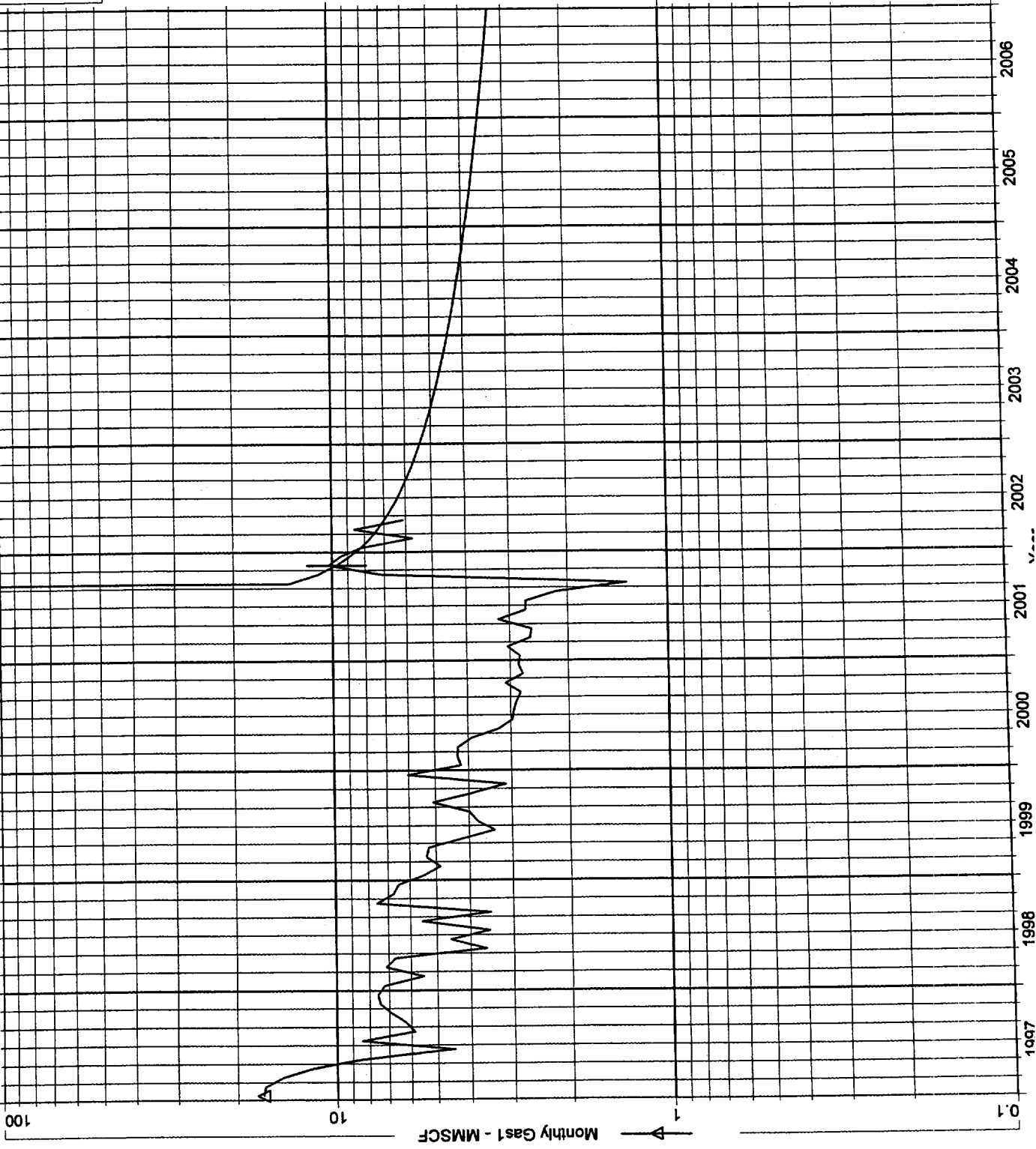
Since only the Lewis was added, and the Lewis is not an oil-producing formation, the condensate allocation remains the same.

SAN JUAN 27-5 UNIT 100M 3666402 (322434259829.178) Data: Jan. 1997-Apr. 2002

Operator: BURLINGTON RESOURCES OG CO LP
 Field: BLANCO MESAVERDE (PRORATED GAS)
 Zone:
 Type: Gas
 Group: Well::OLwAlloc

ALL (Rate-Time)
 qi: 10.2879 MMSCF, Nov. 2001
 qf: 0.457331 MMSCF, Sep, 2042
 di(Hyp): 45
 RR: 853.609 MMSCF

Production Cums
 Oil: 0 MSTB
 Gas: 356.262 MMSCF
 Water: 0.00335 MSTB
 Cond: 1.23286 MSTB



Monthly Gas1 - MMSCF

Cum: 356.262 MMSCF

ALL - MMSCF

versus time

Qi: 10.2879 MMSCF, Nov, 2001

Qf: 0.457331 MMSCF, Sep, 2042

Di(Hyp->Exp) : 45

n: 2.7

RR: 853.609 MMSCF

EUR: 1209.87 MMSCF

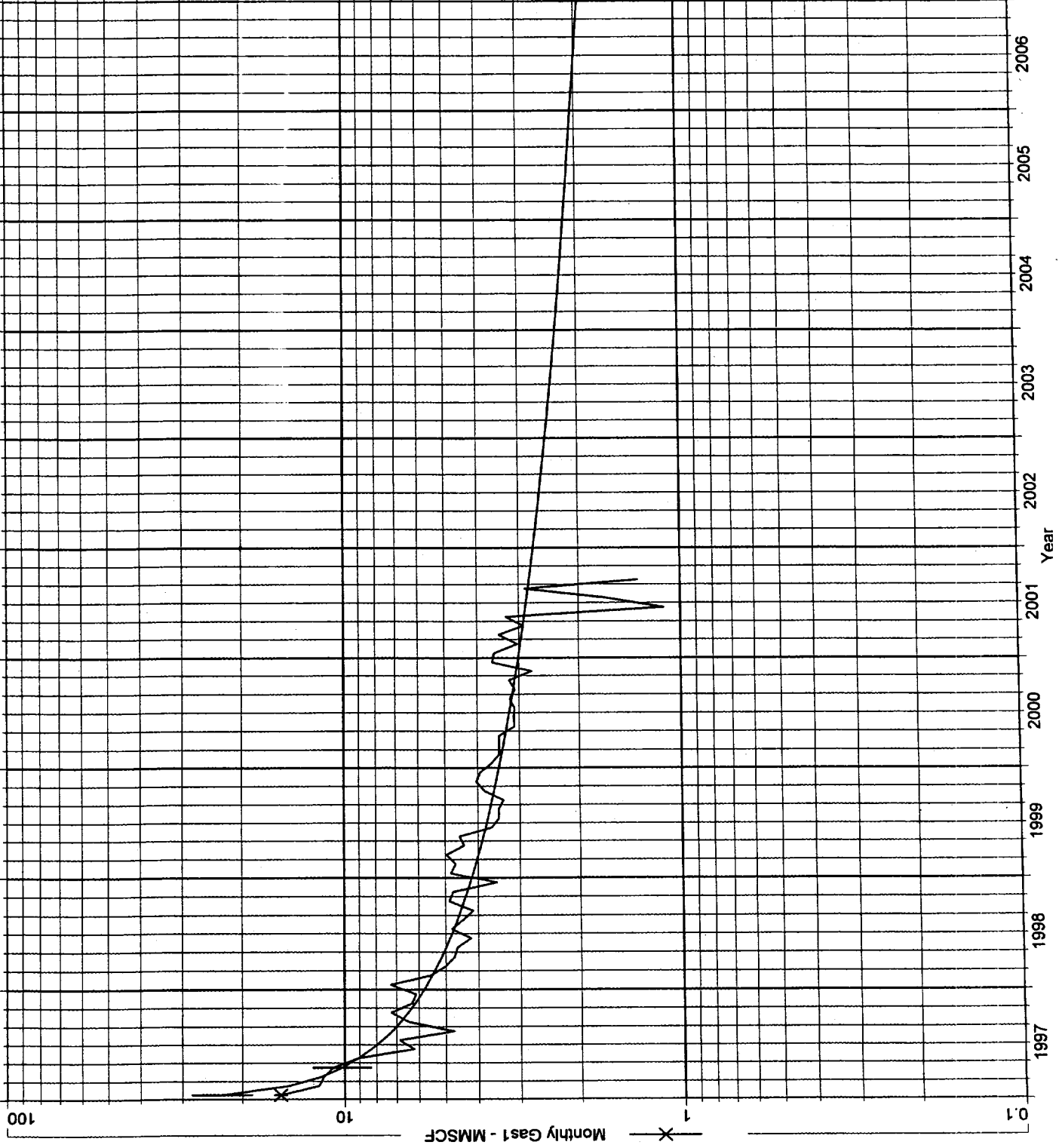
Corr coeff: -0.508872

SAN JUAN 27-5 UNIT 100M DK (92226219207.6018) Data: Jan. 1997-Apr. 2002

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

DK (Rate-Time)
 qi: 10.8662 MMSCF, Apr, 1997
 qf: 0.457576 MMSCF, Sep, 2033
 di(Hyp): 52
 RR: 476.877 MMSCF

Production Cums
 Oil: 0 MSTB
 Gas: 271.976 MMSCF
 Water: 0.0067 MSTB
 Cond: 0.78055 MSTB



—*— Monthly Gas1 - MMSCF

Cum: 271.976 MMSCF

— DK - MMSCF

versus time

Qi: 10.8662 MMSCF, Apr, 1997

Qf: 0.457576 MMSCF, Sep, 2033

Di(Hyp->Exp): 52

n: 2.1

RR: 476.877 MMSCF

EUR: 748.853 MMSCF

Corr coeff: -0.874380