

BURLINGTON RESOURCES

OIL CONSERVATION DIV.

02 JUN -4 AM 11:48

May 31, 2002

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

Re: San Juan 27-5 Unit #139M
E Section 20, T-27-N, R-5-W
30-039-23898

REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well for the Lewis pay add that was completed 9-26-01. DHC-1816 was issued for this well.

Gas: Mesaverde 71%
Dakota 83%

Oil: Mesaverde 52%
Dakota 48%

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 #139M

Production Allocation

Based on Remaining Reserves

Lewis Payadd September 2001

REVISED

GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	802.4	83%
All	<u>962.1</u>	
Mesaverde	159.8	17%

Condensate

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

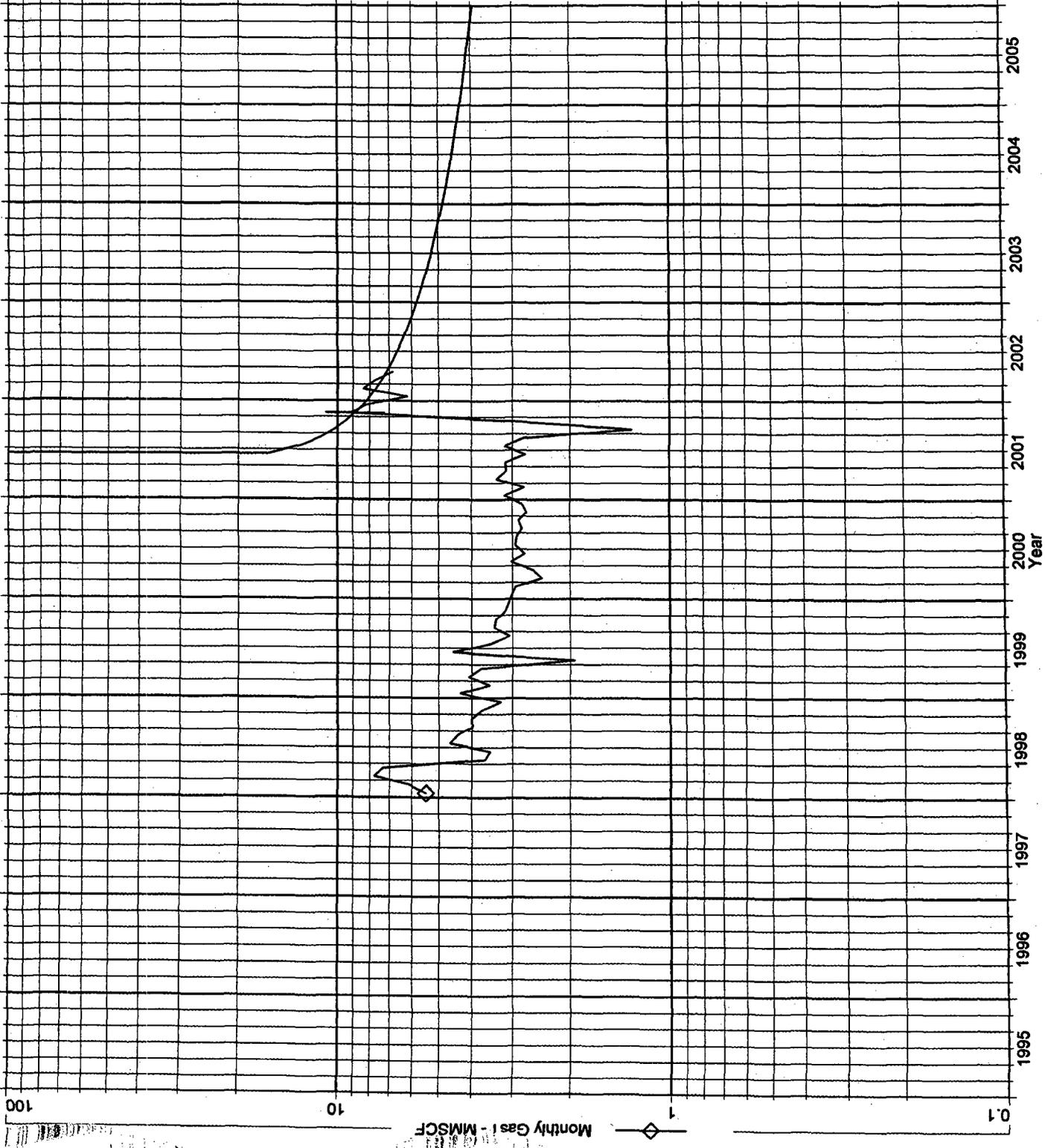
SAN JUAN 27-5 UNIT 139M 5440901 (71548920275.1887) Data: Jan. 1986-Apr. 2002

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

ALL (Rate-Time)
qi: 9.13125 MMSCF, Nov, 2001
qf: 0.457165 MMSCF, Oct, 2044
dj(Hyp): 34
RR: 962.124 MMSCF

Production Cumms
Oil: 0 MSTB
Gas: 475.683 MMSCF
Water: 0.89936 MSTB
Cond: 2.1557 MSTB

Monthly Gas1 - MMSCF
Cum: 475.683 MMSCF
ALL - MMSCF
versus time
Qi: 9.13125 MMSCF, Nov, 2001
Qf: 0.457165 MMSCF, Oct, 2044
Di:(Hyp->Exp): 34
n: 2.7
RR: 962.124 MMSCF
EUR: 1437.81 MMSCF
Corr coeff: -0.054030



SAN JUAN 27-5 UNIT 139M DK (29873477922.8109) Data: Jan. 1986-Apr. 2002

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

DK (Rate-Time)
qi: 7.97463 MMSCF, Jul, 1998
qf: 0.456652 MMSCF, Sep, 2041
di(Hyp): 27
RR: 802.366 MMSCF

Production Cums
Oil: 0 MSTB
Gas: 983.82 MMSCF
Water: 10.0602 MSTB
Cond: 2.72056 MSTB

Monthly Gas1 - MMSCF

Cum: 983.82 MMSCF
DK - MMSCF
versus time
Qi: 7.97463 MMSCF, Jul, 1998
Qf: 0.456652 MMSCF, Sep, 2041
Di:(Hyp->Exp) : 27
n: 2.7
RR: 802.366 MMSCF
EUR: 1786.19 MMSCF
Corr coeff: -0.053504

