

BURLINGTON RESOURCES

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

Re: Helms Federal #1E
NWNW, Section 22, T-30-N, R-10-W
30-045-25047
San Juan County, New Mexico

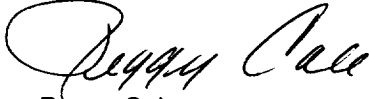
Gentlemen:

The above referenced well is a Mesaverde/Dakota commingle. Attached is a copy of the allocation for the commingling of the subject well completed on August 19, 2001. DHC-206az was issued for this well.

Gas:	Mesa Verde	71%
	Dakota	29%
Oil:	Mesa Verde	36%
	Dakota	64%

The gas percentages are based upon reserves assigned to each formation founded on production from the respective formations before and after workover operations. Because condensate production increased slightly with the addition of the Mesaverde formation, the oil has been allocated based on percentage increase of average condensate production before and after recompletion. 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

Helms Federal #1E

Production Allocation

Based on Remaining Reserves

Mesaverde Recomplete August 2001

GAS

	<u>RR</u>	<u>Allocation %</u>
Dakota	457.2	29%

All	<u>1571.2</u>	
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Mesaverde	1114.0	71%
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Condensate

Because condensate slightly increased with the addition of the Mesaverde formation, condensate has been allocated based on percentage increase from average production before recomple and after recomple.

	<u>Avg Bopd</u>	<u>Allocation %</u>
Dakota	1.1	64%

All	<u>1.8</u>	
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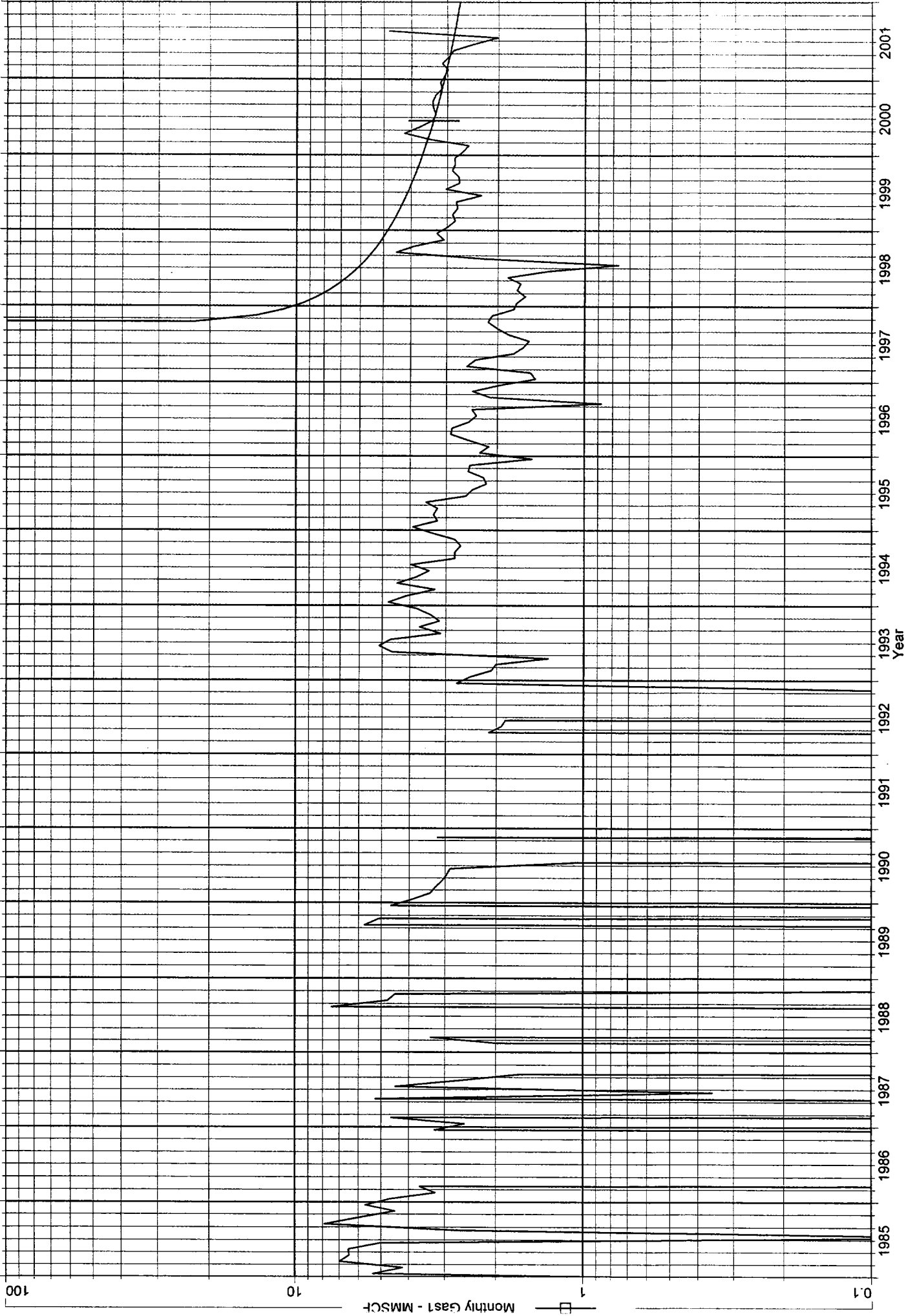
Mesaverde	0.7	36%
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HELMS FEDERAL 1E DK (250015876075.458) Data: Jan. 1982-Aug. 2001

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

DK (Rate-Time)
qi: 3.37856 MMSCF, Jun, 2000
qf: 0.457151 MMSCF, Jan, 2033
di(Hyp): 14
RR: 457.239 MMSCF

Production Cums
Oil: 0 MSTB
Gas: 664.15 MMSCF
Water: 0 MSTB
Cond: 0 MSTB



HELMS FEDERAL 1E ALL (HELMS FEDERAL 1E MV) Data: Sep.2001-Mar.2002

Operator: BURLINGTON RESOURCES OG CO LP

Field: ALL (Rate-Time)

Zone: qi: 19.1147 MMSCF, Nov, 2001

Type: Gas qf: 0.456937 MMSCF, Oct, 2052

Group: Well::28_5LW dj(Hyp): 48

RR: 1571.22 MMSCF

Production Cums

Oil: 0 MSTB

Gas: 123.82 MMSCF

Water: 0 MSTB

Cond: 0 MSTB

