



**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
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[http://emnr.state.nm.us/ood/District I%20District.htm](http://emnr.state.nm.us/ood/District%20I%20District.htm)

GARY E. JOHNSON
GOVERNOR

Jennifer A. Salisbury
CABINET SECRETARY

September 4, 1998

Ms Peggy Bradfield
Burlington Res O&G Co
PO Box 4289
Farmington NM 87499

Re: Harrington #6, K-31-27N-07W, DHC, API# 30-039-23871

Dear Ms. Bradfield:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Mesaverde	08%	100%
Chacra	92%	0%

Yours truly,

Ernie Busch
District Geologist/Deputy O&G Inspector

EB/mk

cc: BLM Farmington-Jim Lovato
NMOCD Santa Fe-David Catanach
well file

harrington 6-dhc

**BURLINGTON
RESOURCES**

SAN JUAN DIVISION

August 15, 1998

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

Re: Harrington #6
K Section 31, T-27-N, R-7-W, Rio Arriba
30-039-23871

Gentlemen:

The above referenced well is a Chacra/Mesa Verde commingle. Order DHC-1851 was issued for the commingling. The following allocation formula is submitted for your approval:

Mesa Verde -	8 % gas	100% oil
Chacra -	92 % gas	0 % oil

These percentages are based on isolated flow tests and historical data from the Mesa Verde and Chacra during completion operations.

Please let me know if you have any questions.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: Bureau of Land Management
NMOCD - Santa Fe

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OIL CON. DIV.
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Calculations for Harrington #6 - CH/MV

K 31 T27N R07W

Commingled
Otero Chacra
Blanco Mesaverde

This is a Chacra recompletion that has production commingled with the Mesaverde per DHC 1851.

Average CH 3 hour production test with 200 psi back pressure:	890	MCFD
	0	BOPD

MV production rate prior to workover with 200 psi line pressure:	80	MCFD
	1	BOPD

Gas Allocation

CH =	$890/(890+80)*100$	92	%
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MV =	$80/(890+80)*100$	8	%
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Oil Allocation

During completion operations no oil production was encountered from the Chacra. As a result, the following oil allocation is recommended:

CH =	0	%
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MV =	100	%
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