

BURLINGTON RESOURCES

February 2, 2001

8/11
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: San Juan 28-5 Unit #91 *m*
E Section 14, T-28-N, R-5-W
30-039-23846

REVISED

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-1965 was issued for this well.

Gas:	Mesa Verde	92%
	Dakota	8%
Oil:	Mesa Verde	0%
	Dakota	100%

These allocations are based on historic average production from the Mesa Verde and Dakota. Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management



PRODUCTION ALLOCATION FORMULA USING FLOW TEST INFORMATION

San Juan 28-5 Unit #91E
(Mesaverde/Dakota)Commingled
Unit E, 14-T28N-R05W
Rio Arriba County, New Mexico

Allocation Formula Method:

1997-1998 Dakota Average = 17 MCFD & 0.3 BO

1999-2000 Commingled Production = 224 MCFD & 0.3 BO

1999-2000 Commingled Production – 1997-1998 Dakota Average
= Mesaverde Contribution

GAS:

224 MCFD (commingled production) - 17 MCFD (Dakota Production) =

207 MCFD (Mesaverde Contribution)

$$\frac{207 \text{ MCFD (MV)}}{224 \text{ MCFD (total)}} = 92\% \text{ (Mesaverde), } 8\% \text{ (Dakota)}$$

OIL:

0.3 BOPD (commingled production) - 0.3 BOPD (Dakota Production) =

0.0 BOPD (Mesaverde Contribution)

$$\frac{0.3 \text{ BOPD (DK)}}{0.3 \text{ BOPD (total)}} = 100\% \text{ (Dakota), } 0\% \text{ (Mesaverde)}$$

DAKOTA ONLY

<u>Date</u>	<u>MCF</u>	<u>Days On</u>	<u>MCFD</u>
Jan-97	0	0	0
Feb-97	0	0	0
Mar-97	0	0	0
Apr-97	37	1	37
May-97	0	0	0
Jun-97	0	0	0
Jul-97	0	0	0
Aug-97	0	0	0
Sep-97	0	0	0
Oct-97	0	0	0
Nov-97	0	0	0
Dec-97	0	0	0
Jan-98	0	0	0
Feb-98	0	0	0
Mar-98	2	1	2
Apr-98	61	1	61
May-98	63	1	63
Jun-98	61	1	61
Jul-98	18	1	18
Aug-98	77	2	38.5
Sep-98	<u>74</u>	<u>1</u>	<u>74</u>
Average	18.7	0.4	16.9

BOTH FORMATIONS

<u>Date</u>	<u>MCF</u>	<u>Days On</u>	<u>MCFD</u>
Nov-98	5712.77	30	190.4257
Dec-98	14730.21	31	475.1681
Jan-99	7603.93	31	245.2881
Feb-99	10919.42	28	389.9793
Mar-99	6267.69	31	202.1835
Apr-99	6725.49	30	224.183
May-99	3360.91	31	108.4165
Jun-99	5778.45	30	192.615
Jul-99	6340.24	31	204.5239
Aug-99	5498.11	31	177.3584
Sep-99	5641.2	30	188.04
Oct-99	4842.24	31	156.2013
Nov-99	4929.46	30	164.3153
Dec-99	5040.28	31	162.5897
Jan-00	2848.18	31	91.87677
Feb-00	8276.39	28	295.5854
Mar-00	11310.7	31	364.8613
Apr-00	7316.65	30	243.8883
May-00	11574.42	31	373.3684
Jun-00	3010.88	30	100.3627
Jul-00	8294.11	31	267.5519
Aug-00	<u>3234.44</u>	<u>31</u>	<u>104.3368</u>
Average	6784.4	30.4	223.8

DAKOTA ONLY	16.9
BOTH FORMATIONS	223.8
MV ONLY	206.9
DK %	8%
MV %	92%