



**PHILLIPS PETROLEUM COMPANY**

FARMINGTON, NEW MEXICO 87401  
5525 HWY. 64 NBU 3004



April 15, 2002

NM Oil & Gas Conservation Division  
Attn: Steve Hayden  
1000 Rio Bravos Rd  
Aztec, NM 87410

Ratio Method – San Juan 29-6 #77  
Unit H, 1850' FNL & 990' FEL, Sec. 22, 29N, 6W  
API # 30-039-07581 Arriba County, NM

Dear Mr. Hayden:

Phillips plans on using the ratio method from April 2002 production throughout the life of the well. Based on historical production values, we believe this will be the most accurate method of allocating production. Attached is the historical data that we used to determine the ratio of 79% to be allocated to the Mesaverde and 21% to be allocated to the Dakota for gas production. The oil production will be allocated at 100% Mesaverde and 0% Dakota.

If you have any questions, please call me at 505-599-3459.

Sincerely,

PHILLIPS PETROLEUM COMPANY

Charlie Donahue

cc: Runell Seale – PPCo  
Jim Lovato - BLM  
David Valdez – BRI

## San Juan 29-6 Unit #77 Monthly Production

Month	Total Well Production	Dakota Production	Days Produced	Dakota Daily	Mesaverde Production	Days Produced	Mesaverde Daily	MV %
Oct-00	12,338	1,516	31	49	10,822	31	349	87.7%
Nov-00	10,515	1,462	30	49	9,053	30	302	86.1%
Dec-00	9,472	1,504	31	49	7,968	31	257	84.1%
Jan-01	8,362	1,497	31	48	6,865	31	221	82.1%
Feb-01	7,621	1,348	28	48	6,273	28	224	82.3%
Mar-01	7,204	1,485	31	48	5,719	31	184	79.4%
Apr-01	1,532	1,431	30	48	101	30	3	6.6%
May-01	5,571	1,473	31	48	4,098	31	132	73.6%
Jun-01	6,735	1,420	30	47	5,315	30	177	78.9%
Jul-01	5,685	1,461	31	47	4,224	31	136	74.3%
Aug-01	4,565	1,455	31	47	3,110	31	100	68.1%
Sep-01	7,093	1,402	30	47	5,691	30	190	80.2%
Oct-01	7,071	1,443	31	47	5,628	31	182	79.6%
Nov-01	6,492	1,391	30	46	5,101	30	170	78.6%
Dec-01	6,780	1,431	31	46	5,349	31	173	78.9%
Jan-02	6,582	1,426	31	46	5,156	31	166	78.3%
Feb-02	5,166	1,282	28	46	3,884	28	139	75.2%
	118,784	24,427			94,357			

Total Mesaverde Production = 94,357 MCF  
 Total Dakota Production = 24,427 MCF  
 Total Production both zones = 118,784 MCF

Average Mesaverde Allocation since October 2000 = **79%**  
 Average Dakota Allocation since October 2000 = **21%**

Note: 100% of the condensate production should be allocated to the Mesaverde

### San Juan 29-6 Unit #77 Production

