

DHC-1529



**PHILLIPS PETROLEUM COMPANY**

FARMINGTON, NEW MEXICO 87401  
5525 HWY. 64 NBU 3004

NOV 30 1998

November 23, 1998

NM Oil & Gas Conservation Division  
Attn: Lori Wrotenbery  
2040 South Pacheco Street  
Santa Fe, NM 87505

Recommended Allocation Method based on  
Historical Production Values -30-5 #90

Dear Ms. Wrotenbery:

Phillips plans on using the ratio method from October 1998 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 14% to be allocated to the Dakota, with 86% allocated to the Mesaverde.

If you have any questions, please call me at 505-599-3455.

Sincerely,

PHILLIPS PETROLEUM COMPANY

A handwritten signature in cursive script that reads "Mark W. Stodola".

Mark W. Stodola  
Reservoir Engineer

cc: BLM - Farmington, NM  
OCD - Aztec, NM  
Pat Konkel

**San Juan 30-5 Mesaverde #90  
Monthly Production**

Month	Total Well Production	Allocation Order*	Dakota Allocated	Days Produced	Should be Allocated	Mesaverde Allocation	Mesaverde Should be	Mesaverde Daily	Dakota Daily	MV %
Oct	15,067	1,671	1,671	31	1,671	13,396	13,396	432	54	88.9%
Nov	22,540	1,664	1,664	28	1,553	20,876	20,987	750	55	93.1%
Dec	15,939	1,659	1,659	31	1,659	14,280	14,280	461	54	89.6%
Jan	16,061	1,652	1,652	26	1,386	14,409	14,675	564	64	91.4%
Feb	13,087	1,646	1,646	28	1,646	11,441	11,441	409	59	87.4%
Mar	11,792	1,640	1,640	31	1,640	10,152	10,152	327	53	86.1%
Apr	11,011	1,633	1,633	29	1,579	9,378	9,432	325	54	85.7%
May	12,944	1,627	1,627	31	1,627	11,317	11,317	365	52	87.4%
Jun	12,232	1,621	1,621	30	1,621	10,611	10,611	354	54	86.7%
Jul	11,857	1,616	1,616	31	1,616	10,241	10,241	330	52	86.4%
Aug	12,136	1,610	1,610	31	1,610	10,526	10,526	340	52	86.7%
Sep	10,588	1,603	1,603	30	1,603	8,985	8,985	300	53	84.9%

\* These volumes are not converted to 14.65 pressure base; all other volumes are

Last four months average Mesaverde allocation = 86%

*San Juan 30-5 #90 Mesaverde Production*

