ATTACHMENT 3

NEW MEXICO "S" STATE #30

ADDITIONAL RECOVERY CALCULATION

Wantz Granite Wash and Drinkard

Combined Total Rate = 1 BOPD, 8 MCFPD (GOR = 8000 SCF/bbl)

Decline Rate   = 15% per year

Additional Reserves Recovered by Downhole Commingling

Oil:
$$N = \frac{(Q-Qi)\ 365}{\ln(1-d)} = \frac{(0-1)365}{\ln(1-.15)} = \underline{2246\ BO}$$

Gas:
$$G = 2246\ BO * 8000\ SCF/bbl = \underline{17,968\ MCF}$$