

MATERIAL BALANCE CALCULATION OF OTHER LESSEES' RESERVES  
DRAINED BY THE PROPOSED MONSANTO UNORTHODOX LOCATION

Township 21 South, Range 23 East, Section 36  
Indian Basin (Cisco) Field

(Billions of Cubic Feet)

		R 23 E	
		35	36
T 2 1 S	Rec. Reserves in Place	= 48.14	Rec. Reserves in Place = 26.68
	Cumulative	= 27.31	Cumulative = 17.08
	Remaining	= 20.83	Remaining = 9.60
		2	1
T 2 2 S	Rec. Reserves in Place	= 35.16	Rec. Reserves in Place = 34.99
	Cumulative	= 27.57	Cumulative = 23.27
	Remaining	= 7.58	Remaining = 11.72

Expected Recovery from Monsanto proposed well = 14.14 bcf

Estimated Recovery by Monsanto  
proposed well from Section 35 = 20.83 bcf/4  
= 5.21 bcf

Production Penalty =  $5.21 \text{ bcf} / 14.14 \text{ bcf} \times 100\%$   
= 36.8%



BEFORE THE  
OIL CONSERVATION COMMISSION  
SOUTH DAKOTA  
Case No. 8750 P. O. No. 8  
Submitted by SLO  
Hearing Date 4/19/86