

VOLUMETRIC 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 | | Rec. Reserves |
| | in Place = 37.28 | | in Place = 24.96 |
| | Cumulative = 27.31 | | Cumulative = 17.08 |
| | Remaining = 9.97 | | Remaining = 7.88 |
| | | 2 | 1 |
| T 2 2 S | Rec. Reserves | | Rec. Reserves |
| | in Place = 31.56 | | in Place = 31.72 |
| | Cumulative = 27.57 | | Cumulative = 23.27 |
| | Remaining = 3.98 | | Remaining = 8.45 |

Expected Recovery from Monsanto proposed well = 19.82 bcf

Estimated Recovery by Monsanto
proposed well from Section 35 = 9.97 bcf/4
= 2.49 bcf

Production Penalty = $2.49 \text{ bcf} / 19.82 \text{ bcf} \times 100\%$
= 12.6%



BEFORE THE
OIL CONSERVATION COMMISSION
SOUTH AFRICA

Case No. 8758 7

Submitted by SLD

Hearing Date 4/9/86