COMBINED WELLS

RECOVERABLE VALUE PER ACRE = 2,722.5 X THICKNESS OF ORE IN FEET X GRADE OF ORE IN % K_2O X % MINING EXTRACTION X % MILL EFFICIENCY X UNITS OF K_2O PER TON X PRICE PER UNIT OF K_2O.

THE CONSTANT, 2722.5, REPRESENTS THE TONS OF ORE CONTAINED IN ONE ACRE-FOOT, USING 16 CUBIC FEET = 1 TON OF ORE. THE PRICE PER UNIT OF K_2O IN MURIATE IS 36 CENTS.

FOLLOWING ARE CALCULATED VALUES:

CASE I - NORMAL MINING, NO WELLS

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 198.4 ACRES
TOTAL MINING (EXTRACTION 90%, MILL EFFICIENCY 90%)	$77,235	$15,323,424

CASE II - TWO WELLS, 200' RADIUS PILLARS AROUND EACH WELL WITH NO EXTRACTION, REMAINING AREA 65% MINING EXTRACTION.

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 192.8 ACRES
TOTAL MINING (EXTRACTION 65%, MILL EFFICIENCY 90%	$55,781	$10,754,576

SUMMARY:

LOSS OF RECOVERABLE VALUE IF WELLS DRILLED	$23,028	$ 4,568,848

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
1233, 1234 EXHIBIT No. 2
CASE Sun Co.

YATES WELL

RECOVERABLE VALUE PER ACRE = 2,722.5 X THICKNESS OF ORE IN FEET X GRADE OF ORE IN % K_2O X % MINING EXTRACTION X % MILL EFFICIENCY X UNITS OF K_2O PER TON X PRICE PER UNIT OF K_2O.

THE CONSTANT, 2722.5, REPRESENTS THE TONS OF ORE CONTAINED IN ONE ACRE-FOOT, USING 16 CUBIC FEET = 1 TON OF ORE. THE PRICE PER UNIT OF K_2O IN MURIATE IS 36 CENTS.

FOLLOWING ARE CALCULATED VALUES:

CASE A = NORMAL MINING, NO WELLS

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 117.6 ACRES
TOTAL MINING (EXTRACTION 90%, MILL EFFICIENCY 90%)	$67,559	$7,944,938

CASE B = ONE WELL, 200' RADIUS PILLAR AROUND WELL WITH NO EXTRACTION, REMAINING AREA 65% MINING EXTRACTION.

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 114.8 ACRES
TOTAL MINING (EXTRACTION 65%, MILL EFFICIENCY 90%)	$48,793	$5,601,436

SUMMARY:

LOSS OF RECOVERABLE VALUE IF WELL DRILLED	$19,928	$2,343,502

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
SMP Co. EXHIBIT No. D
CASE 1233, 1234

CARPER WELL

RECOVERABLE VALUE PER ACRE = 2,722.5 X THICKNESS OF ORE IN FEET X GRADE OF ORE IN % K_2O X % MINING EXTRACTION X % MILL EFFICIENCY X UNITS OF K_2O PER TON X PRICE PER UNIT OF K_2O.

THE CONSTANT, 2722.5, REPRESENTS THE TONS OF ORE CONTAINED IN ONE ACRE-FOOT, USING 16 CUBIC FEET = 1 TON OF ORE. THE PRICE PER UNIT OF K_2O IN MURIATE IS 36 CENTS.

FOLLOWING ARE CALCULATED VALUES:

CASE A - NORMAL MINING, NO WELLS

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 138.9 ACRES
TOTAL MINING (EXTRACTION 90%, MILL EFFICIENCY 90%)	$94,472	$13,122,160

CASE B = ONE WELL, 200' RADIUS PILLAR AROUND WELL WITH NO EXTRACTION, REMAINING AREA 65% MINING EXTRACTION.

	RECOVERABLE VALUE PER ACRE	RECOVERABLE VALUE PER 136.1 ACRES
TOTAL MINING (EXTRACTION 65%, MILL EFFICIENCY 90%)	$68,424	$ 9,312,506

SUMMARY:

LOSS OF RECOVERABLE VALUE IF WELL DRILLED	$27,427	$ 3,809,654

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
SWPCo. EXHIBIT No. E
CASE 1233 224