

**LOVING EAST FIELD
PROPOSED SCB 23#17
EDDY COUNTY, NEW MEXICO**

DELAWARE VOLUMETRIC ANALYSIS

PARAMETERS

Average Porosity, %	16.0
Connate Water Saturation, %	46.0
Initial Pressure, psia	2,615
Reservoir Temperature, deg. R	575
Formation Volume Factor	1.34

OIL IN PLACE, BBLS/A-F (7758 x por x (1-Sw) *1/Boi)	500
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OIL IN PLACE, MBBLS	6,163
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Recovery Factor, %	11
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ULTIMATE OIL RECOVERY, BBLS/A-F	55
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BULK RESERVOIR VOLUME

Productive Acres	160
Average Pay Thickness, ft.	77
Unit Productive Volume, A-F	12,320

ULTIMATE RECOVERABLE OIL, MBBLS	678
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OIL RESERVES RECOVERABLE BY EXISTING WELLS	MBO
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Donaldson Comm A#1	133
SCB 23#1	252
SCB 23#2	113
SCB 23#4	90
SCB 23#13	20

TOTAL RESERVES BY EXISTING WELLS	608
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OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS IN TRACT	70
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**BEFORE THE
OIL CONSERVATION DIVISION**
Case No. 13472 Exhibit No. 11
Submitted By:
RB Operating Company
Hearing Date: April 21, 2005