

**LOVING EAST FIELD
PROPOSED SCB 23#15
EDDY COUNTY, NEW MEXICO**

DELAWARE VOLUMETRIC ANALYSIS

PARAMETERS

Average Porosity, %	17.0
Connate Water Saturation, %	48.0
Initial Pressure, psia	2,615
Reservoir Temperature, deg. R	575
Formation Volume Factor	1.34

OIL IN PLACE, BBLS/A-F **512**
(7758 x por x (1-Sw) *1/Bo)

OIL IN PLACE, MBBLS **12,856**

Recovery Factor, % 11

ULTIMATE OIL RECOVERY, BBLS/A-F **56**

BULK RESERVOIR VOLUME

Productive Acres	160
Average Pay Thickness, ft.	157
Unit Productive Volume, A-F	25,120

ULTIMATE RECOVERABLE OIL, MBBLS **1,414**

OIL RESERVES RECOVERABLE BY EXISTING WELLS **MBO**

SCB #4B	95
SCB 23#11	112
SCB #3B	124
SCB 23#12	48

TOTAL RESERVES BY EXISTING WELLS **379**

**OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS
IN TRACT** **1,035**

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 13358 Exhibit No. **16**
Submitted By:
RB Operating Company
Hearing Date: November 4, 2004