

**LOVING EAST FIELD
PROPOSED CARRASCO 14#6
EDDY COUNTY, NEW MEXICO**

DELAWARE VOLUMETRIC ANALYSIS

PARAMETERS

Average Porosity, %	17.0
Connate Water Saturation, %	49.0
Initial Pressure, psia	2,615
Reservoir Temperature, deg. R	575
Formation Volume Factor	1.34

OIL IN PLACE, BBLS/A-F **502**
(7758 x por x (1-Sw) *1/Boi)

OIL IN PLACE, MBBLs **11,303**

Recovery Factor, % **11**

ULTIMATE OIL RECOVERY, BBLS/A-F **55**

BULK RESERVOIR VOLUME

Productive Acres	162
Average Pay Thickness, ft.	139
Unit Productive Volume, A-F	22,518

ULTIMATE RECOVERABLE OIL, MBBLs **1,238**

OIL RESERVES RECOVERABLE BY EXISTING WELLS **MBO**

Carrasco 14#2	293
Carrasco 14#3	136
SCB #7B	267
SCB #14#1	128

TOTAL RESERVES BY EXISTING WELLS **824**

**OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS
IN TRACT** **414**

**BEFORE THE
OIL CONSERVATION DIVISION**
Case No. 13471 Exhibit No. **12**
Submitted By:
RB Operating Company
Hearing Date: April 21, 2005