

**LOVING EAST FIELD
PROPOSED CARRASCO 14#4
EDDY COUNTY, NEW MEXICO**

DELAWARE VOLUMETRIC ANALYSIS

PARAMETERS

Average Porosity, %	16.0
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 **472**
(7758 x por x (1-Sw) *1/Bo)

OIL IN PLACE, MBBLs **9,087**

Recovery Factor, % 11

ULTIMATE OIL RECOVERY, BBLS/A-F **52**

BULK RESERVOIR VOLUME

Productive Acres	163
Average Pay Thickness, ft.	118
Unit Productive Volume, A-F	19,234

ULTIMATE RECOVERABLE OIL, MBBLs **1,000**

OIL RESERVES RECOVERABLE BY EXISTING WELLS **MBO**

Carrasco 14#2	300
Carrasco 14#3	125
Carrasco 14#5	94
SCB #2B	229

TOTAL RESERVES BY EXISTING WELLS **748**

OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS **252**
IN TRACT

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 13358 Exhibit No. 11
Submitted By:
RB Operating Company
Hearing Date: November 4, 2004