

**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	1,015
Reservoir Temperature, deg. R	575
Formation Volume Factor	1.13

OIL IN PLACE, BBLs/A-F **560**
(7758 x por x (1-Sw) *1/Bo)

OIL IN PLACE, MBBLs **1,345**

Recovery Factor, % 9.0

ULTIMATE OIL RECOVERY, BBLs/A-F **50**

BULK RESERVOIR VOLUME

Productive Acres	20
Average Pay Thickness, ft.	120
Unit Productive Volume, A-F	2,400

ULTIMATE RECOVERABLE OIL, MBBLs **120**

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 13358 Exhibit No. **15**
Submitted By:
RB Operating Company
Hearing Date: November 4, 2004