

**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 (7758 x por x (1-Sw) *1/Boi)	502
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OIL IN PLACE, MBBLS	11,303
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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	162
Average Pay Thickness, ft.	139
Unit Productive Volume, A-F	22,518

ULTIMATE RECOVERABLE OIL, MBBLS	1,238
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OIL RESERVES RECOVERABLE BY EXISTING WELLS	MBO
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Carrasco 14#2	293
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Carrasco 14#3	136
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SCB #7B	267
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SCB #14#1	128
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TOTAL RESERVES BY EXISTING WELLS	824
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OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS IN TRACT	414
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BEFORE THE
OIL CONSERVATION DIVISION
Case No. 13471 Exhibit No. **12**
Submitted By:
RB Operating Company
Hearing Date: April 21, 2005