

**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

<b>OIL IN PLACE, BBLS/A-F</b> <b>(7758 x por x (1-Sw) *1/Bo)</b>	<b>512</b>
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<b>OIL IN PLACE, MBBLS</b>	<b>12,856</b>
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Recovery Factor, %	11
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<b>ULTIMATE OIL RECOVERY, BBLS/A-F</b>	<b>56</b>
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**BULK RESERVOIR VOLUME**

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

<b>ULTIMATE RECOVERABLE OIL, MBBLS</b>	<b>1,414</b>
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<b>OIL RESERVES RECOVERABLE BY EXISTING WELLS</b>	<b>MBO</b>
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SCB #4B	95
SCB 23#11	112
SCB #3B	124
SCB 23#12	48

<b>TOTAL RESERVES BY EXISTING WELLS</b>	<b>379</b>
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<b>OIL RESERVES NOT RECOVERABLE BY EXISTING WELLS IN TRACT</b>	<b>1,035</b>
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