

Calculation of Oil in Place

– OOIP2 –

Well Name: Yates ASV #

Field Name: Strawn

Oil Gravity 40 API

Gas-Oil Ratio 1,000 cu ft/Bbl

Gas Gravity 0.65

TEMP-res 152 F

TEMP-sep. 90 F

PRES-sep. 50 Psia

PRESS-res 2,500 Psia

Porosity 6 %

Water Sat. 36 %

Drainage Area 40 Acre

Net Pay 58 Feet

% Recovery 18.90%

Oil in Place 520,163 Bbl

Recovery 98,311 Bbl

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Version 3.0M

GAS GS 0.6001

PBP 4,138

Bobp 1.5427

CO 0.0000

RSb 549.78

Bo 1.3287

**BEFORE THE
OIL CONSERVATION DIVISION**

Santa Fe, New Mexico

Case No. 12132 Exhibit No. 12

Submitted by: Nearburg Exploration Company, L.L.C.

Hearing Date: April 1, 1999

Estimated Ultimate Recovery With 40 Acre Spacing