

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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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