

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 80 Acre

Net Pay 58 Feet

% Recovery 18.90%

Oil in Place 1,040,326 Bbl

Recovery 196,622 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. 13

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

Hearing Date: April 1, 1999

Estimated Ultimate Recovery With 80 Acre Spacing