

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%

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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

Oil in Place 1,040,326 Bbl  
 Recovery 196,622 Bbl



**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**