

RESERVE ESTIMATES

40 Acre Five Spot Waterflood Project

Volumetric Reservoir Parameters:

Area	=	760 acres
Net Pay	=	32.5 feet
Porosity	=	10% average
Connate Water Saturation	=	40%
Formation Volume Factor	=	1.25 reservoir bbls/stock tank barrels
Project Area OOIP	=	9169.58 MSTB
Project Area Cumm Production to Date	=	1396.96 MSTB
Project Area % OOIP Recovery to 12/92	=	15.2%
Remaining Oil in Project Area @ 1/93	=	7772.62 MSTB
Estimated Current Oil Saturation	=	39%
Remaining Mobile Oil (@ residual oil saturation of 30%)	=	1495.04 MSTB
Estimated Project Recovery (with sweep efficiency = 65%)	=	971.78 MSTB

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
<u>OXY</u> EXHIBIT NO. <u>4</u>
CASE NO. <u>10771</u>