	*			Initial				Pore
	Pay		Water	FVF	OOIP/AF	Area	OOIP	Volume
Zone	ft	Porosity	Saturation	RB/BO	BO/Ac-ft	Acres	MBO	MBBLS
Blinebry	48	10.70%	30.0%	1.45	19236	2080	40010	82878
<u>Drinkard</u>	<u>24</u>	10.80%	<u>26.5%</u>	1.45	10197	<u>1343</u>	<u>13695</u>	27006
Total	72		28.8%			2080	53705	109884

^{*}Blinebry/Drinkard Porosity and Water saturation based on log analysis of NEDU infill wells with full log suites using 6% porosity cutoff and 50% Sw cutoff.

	Blinebry	<u>Drinkard</u>	Total	
Primary Recovery, MBO	0	0	8262	
Remaining Reserves, MBO	<u>0</u>	<u>0</u>	190	
Ultimate Prim Recovery, MBO	0	0	8452	
Current Recovery Factor, %			15%	Ultimate Prim Rec/OOIP
Current FVF, RB/STB			1.15	Based on est resvr press of 300 psi
Current Oil Saturation, %			48%	So = (1-Npp/Nob)(Bo/Bobp)(1-Swc)
Current Gas Saturation, %			23%	Sg = (1 - Swc - So)
Fill up volume, Mbbls			25727	Wif = (Pore Vol * Sg)
Avg Inj Rate/well, BWPD			489	Analogy to NEDU
No. of Inj wells			17	Proposed unit development
Total Injection, BWPD			8313	Avg Inj Rate x # of inj wells
Fillup time, yrs.			8.5	Fill up volume/total inj rate
80 acre 5 spot sec/primary ratio			0.41	Analogy to NEDU
Secondary reserves, MBO			3465	Ultimate Prim Rec x sec/prim ratio

OIL CONSERVATION DIVISION
Case No.13503 & 04 Exhibit No.25
Cubmitted By:

Submitted By:

Apache Corporation

Hearing Date: June 16, 2005