	Pay		Water	Initial FVF	OOIP/AF	Area	OOIP	Pore Volume
Zone	ft	Porosity	Saturation	RB/BO	BO/Ac-ft	Acres	MBO	MBBLS
Blinebry	41	8.10%	29.7%	1.45	305	2480	30676	63272
<u>Drinkard</u>	<u>93</u>	9.60%	<u>24.7%</u>	1.45	387	2480	<u>89012</u>	<u> 171404</u>
Total	133		26.0%				119688	234676

^{*}Blinebry/Drinkard Porosity and Water saturation based on log analysis of recent infill wells with full log suites using 5% porosity cutoff and 40 API.

	<u>Blinebry</u>	<u>Drinkard</u>	<u>Total</u>
Cum Recovery, MBO	0	0	13075 40 acre wells (B+D)
Cum Recovery, MBO	0	0	13440 40 + 20 acre wells (BTD)
Remaining Reserves, MBO	0	0	602 40 acre wells
Remaining Reserves, MBO	0	0	1925 40 + 20 acre wells
Ultimate Prim Recovery, MBO	0	0	13677 40 acre wells
Ultimate Prim Recovery, MBO	0	0	15365 40 + 20 acre wells
Current Beautier, Easter 9/			11%
Current Recovery Factor, %	0/		
Primary Ultimate Recovery Factor,			11% 40 acre wells
Primary Ultimate Recovery Factor,	%		13% 40 + 20 acre wells
Current FVF, RB/STB			1.2 Based on est resvr press of 500 psi
Current Oil Saturation, %			54% So = $(1-Npp/Nob)(Bo/Bobp)(1-Swc)$
Current Gas Saturation, %			20% Sg = (1 - Swc - So)
Fill up volume, Mbbls			46050 Wif = (Pore Vol * Sg)
Avg Inj Rate/well, BWPD			489 Analogy to NEDU
No. of Inj wells			27 Proposed unit development
•			
Total Injection, BWPD			13203 Avg Inj Rate x # of inj wells
Fillup time, yrs.			9.6 Fill up volume/total inj rate
80 acre 5 spot sec/primary ratio			0.41 Analogy to NEDU
Secondary reserves, MBO			5608 Ultimate Prim Rec x sec/prim ratio
•			5% RF
40 acre 5 spot sec/primary ratio			0.2 Analogy to NEDU
Secondary reserves, MBO			2804 Ultimate Prim Rec x sec/prim ratio
•			2% RF
Fully Developed Secondary Reser	ves, MBO		8411

(1,041) 11 of 62 proration units (40 ac) inactive @ start of flood

(1,256) 27 of 62 proration units (20 ac) inactive @ start of flood

-1% RF

