

ANALYSIS OF PROPOSED SURFACE PRESSURE LIMITS

INJECTANT	Maximum BHP Condition	Hydrostatic Head	Friction Pressure At Design Rate	Surface Pressure At Design Rate	Requested Maximum Surface Pressure
Produced Water (SG=1.09)	2400 psi	1819 psi	507 psi @ 9000 BPD	1088 psi	1100 psi
CO2 (80 degrees)	2400 psi	1353 psi	186 psi @ 15 MMCFPD	1233 psi	1250 psi
Produced Gas (85% CO2, 15% other) (110 degrees)	2400 psi	794 psi	158 psi @ 15 MMCFPD	1764 psi	1770 psi