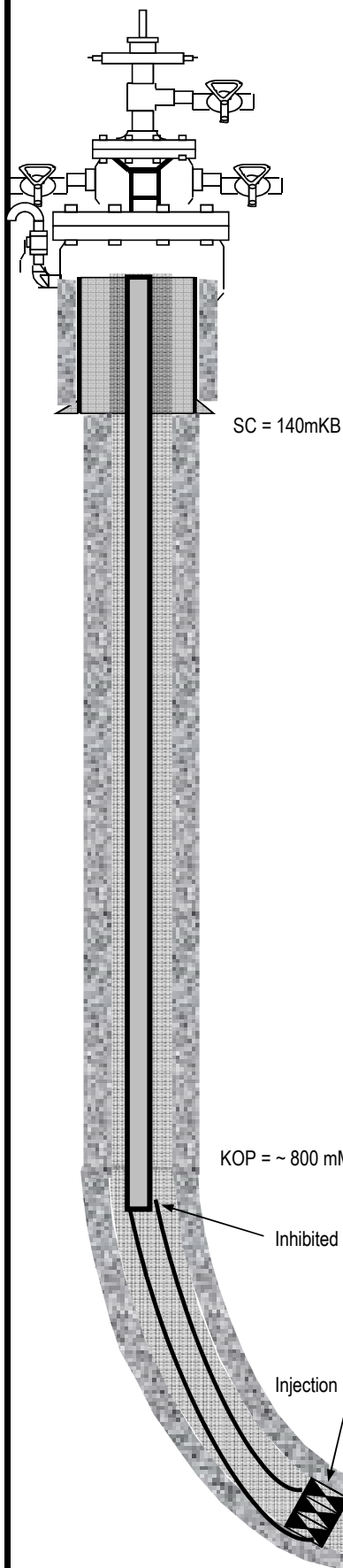


## APPENDIX 10 - TYPICAL OPEN HOLE WATER INJECTION WELL (WIW) DOWNHOLE DIAGRAM



<b>WELL NAME:</b>			<b>Proposed North Pierson HZNTL Open Hole WIW</b>	<b>WELL LICENCE:</b>		
Prepared by		JWR	(average depths)	Date:	2013	
<b>Elevations :</b>						
KB [m]			KB to THF [m]		TD [m]	2400.0
GL [m]			CF (m)		PBTD [m]	
<b>Current Perfs:</b>	<b>Open Hole</b>			1050.0	to	2400.0
<b>Current Perfs:</b>					to	
<b>KOP:</b>	800 m MD		Total Interval		to	
<b>Tubulars</b>	<b>Size [mm]</b>	<b>Wt - Kg/m</b>	<b>Grade</b>	<b>Landing Depth [mKB]</b>		
Surface Casing	244.5	48.06	H-40 - ST&C	Surface	to	140.0
Intermed Csg (if run)	177.8	34.23 & 29.76	J-55 - LT&C	Surface	to	1050.0
Open Hole Latera	none	none	none	1050.0	to	2400.0
Tubing	60.3 or 73.0 - TK-99	6.99 or 9.67	J-55	Surface	to	940.0
<b>Date of Tubing Installation:</b>					<b>Length</b>	<b>Top @</b>
Item	Description	K.B.--Tbg. Flg.			0.00	m KB
	Corrosion Protected ENC Coated Packer (set within 15 m of Intermed Csg shoe)					
	60.3 mm or 73 mm TK-99 Internally Coated Tubing					
	TK-99 Internally Coated Tubing Pup Jt					
	Coated Split Dognut					
	Annular space above injection packer filled with inhibited fresh water					
	<b>Bottom of Tubing mKB</b>					
<b>Rod String :</b>						
Date of Rod Installation:						
<b>Bottomhole Pump:</b>						
<b>Directions:</b>						