

VISTA OPERATING, INC.

(Well bore diagram)

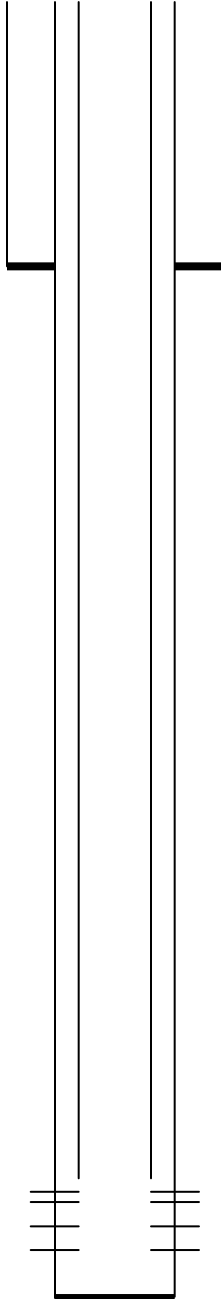
API Number: 05-125-09121

Well Name: Harper

Well Number: #34C-24248

Location:

SWSE 24 2N 48W

	<u>TUBULARS</u>	<u>Size</u>	<u>Top</u>	<u>Bottom</u>
	Surface Casing	7.000"	0	439'
	Production Casing	4.500"	0	2,400'
	Production Tubing	2.375"	0	2,815'
	<u>CEMENT</u>	<u>Sacks</u>	<u>Bottom</u>	<u>Top</u>
	Surface	170	439'	0
	Production	315	3,032'	2,400'
	<u>PERFORATIONS</u>			
	<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	
	Niobrara	2,816'	2,846'	
	<u>PLUGGING</u>			
	<u>CIBP Depth</u>	<u>Sacks on Top</u>	<u>Method of Formation Isolation</u>	
	2,766'	2	Cement	
	<u>Sacks Half In / Half Out of Surface Casing</u>	<u>Depth</u>	<u>Sacks at Surface</u>	
	60	339' – 539'	10	
	<u>Casing Recovered (Feet)</u>	<u>Size</u>	<u>Cement and Additives Used</u>	
	2,257'	4.500"	A I-II	