

Results of Directional Survey

API number:	30-025-32210		
OGRID:		Operator:	CHESAPEAKE OPERATING INC
		Property:	LANGLIE GETTY COM

surface	ULSTR:	M	21	T	22S	R	36E
			977	FSL	1002	FWL	

BH Loc	ULSTR:	O	21	T	22S	R	36E
			832	FSL	3343	FWL	

	MD	N/S	E/W	VD
	13655	-68.09	1726.21	12376.46
TOP PERFS/OH	13703	-74.02	1773.51	12370.81
	13719	-76.00	1789.28	12368.93
	14099	-125.28	2164.91	12340.57
BOT PERFS/OH	14120	-127.63	2185.73	12339.12
	14162	-132.34	2227.36	12336.23

NEXT TO LAST	14225	-139.02	2289.85	12331.84
LAST READING	14277	-144.53	2341.43	12328.21
TD	14277	-144.53	2341.43	12328.21

Surface Location	977	FS	1002	FW
Projected BHL	832	FS	3343	FW
Location of				
Top Perfs/OH	903	FS	2776	FW
Bottom Perfs/OH	849	FS	3188	FW

SUMMARY of Subsurface Locations

Surface Location	M-21-22S-36E	977	FS	1002	FW	Vert Depth
Top Perfs/OH	O-21-22S-36E	903	FS	2776	FW	12370.81
Bottom Perfs/OH	O-21-22S-36E	849	FS	3188	FW	12339.12
Projected TD	O-21-22S-36E	832	FS	3343	FW	12328.21