

Results of Directional Survey

30-025-35947

READ & STEVENS
LIBERTY 4 # 2

	MD	N/S	E/W	VD
	8170	-74.00	115.40	8166.8
TOP PERFS/OH	8250	-71.39	110.94	8246.63
	8265	-70.90	110.10	8261.60
	8170	-74.00	115.40	8166.8
BOT PERFS/OH	8256	-71.19	110.60	8252.62
	8265	-70.90	110.10	8261.60

NEXT TO LAST	9364	-21.80	37.50	9364.00
LAST READING	9400	-20.30	34.80	9392.80
TD	9400	-20.30	34.80	9392.80

Surface Location	2020	FS	2310	FE
Projected BHL	2000	FS	2275	FE
Location of				
Top Perfs/OH	1949	FS	2199	FE
Bottom Perfs/OH	1949	FS	2199	FE

SUMMARY of Subsurface Locations

Surface Location	J-4-20S-36E	2020	FS	2310	FE	Vert. Depth
Top Perfs/OH	J-4-20S-36E	1949	FS	2199	FE	8246.63
Bottom Perfs/OH	J-4-20S-36E	1949	FS	2199	FE	8252.62
Projected TD	J-4-20S-36E	2000	FS	2275	FE	9392.80