

Results of Directional Survey

30-025-36284

VINTAGE PETROLEUM INC
HANNAH 17 STATE # 2

	MD	N/S	E/W	VD
	13311	465.08	-45.66	13223.45
TOP PERFS/OH	13314	467.40	-45.85	13225.34
	13342	489.07	-47.61	13243.01
	16316	3445.31	-54.07	13292.85
BOT PERFS/OH	16330	3458.76	-54.04	13296.75
	16348	3476.05	-53.99	13301.76

NEXT TO LAST	16379	3505.64	-53.67	13310.99
LAST READING	16429	3552.97	-53.31	13327.09
TD	16429	3552.97	-53.31	13327.09

Surface Location	660	FS	1310	FE
Projected BHL	4213	FS	1363	FE
Location of				
Top Perfs/OH	1127	FS	1356	FE
Bottom Perfs/OH	4119	FS	1364	FE

SUMMARY of Subsurface Locations

Surface Location	P-17-14S-36E	660	FS	1310	FE	Vert. Depth
Top Perfs/OH	O-17-14S-36E	1127	FS	1356	FE	13225.34
Bottom Perfs/OH	B-17-14S-36E	4119	FS	1364	FE	13296.75
Projected TD	B-17-14S-36E	4213	FS	1363	FE	13327.09