

Results of Directional Survey

30-025-02260

CHEVRON U S A INC
VACUUM GB/SA UNIT # 13

	MD	N/S	E/W	VD
	4100	46.72	7.31	4099.49
TOP PERFS/OH	4135	48.10	6.34	4134.45
	4200	50.67	4.53	4199.37
	6131	1754.06	308.05	4414.01
BOT PERFS/OH	6170	1792.43	314.89	4415.11
	6170	1792.43	314.89	4415.11

NEXT TO LAST	6131	1754.06	308.05	4414.01
LAST READING	6170	1792.43	314.89	4415.11
TD	6170	1792.43	314.89	4415.11

Surface Location	660	FS	660	FE
Projected BHL	2452	FS	345	FE
Location of				
Top Perfs/OH	708	FS	654	FE
Bottom Perfs/OH	2452	FS	345	FE

SUMMARY of Subsurface Locations

Surface Location	P-01-18S-34E	660	FS	660	FE	Vert. Depth
Top Perfs/OH	P-01-18S-34E	708	FS	654	FE	4134.45
Bottom Perfs/OH	I-01-18S-34E	2452	FS	345	FE	4415.11
Projected TD	I-01-18S-34E	2452	FS	345	FE	4415.11