

Results of Directional Survey

30-025-37440

**MARBOB ENERGY CORP
LPC 31 FEDERAL # 1**

	MD	N/S	E/W	VD
	9164	106.10	-156.11	9160.88
TOP PERFS/OH	9205	104.82	-155.79	9201.86
	9226	104.17	-155.62	9222.85
	9164	106.10	-156.11	9160.88
BOT PERFS/OH	9215	104.51	-155.71	9211.86
	9226	104.17	-155.62	9222.85

NEXT TO LAST	9950	89.84	-152.01	9946.62
LAST READING	9990	90.41	-151.73	9986.62
TD	9990	90.41	-151.73	9986.62

Surface Location	1980	FN	2280	FE
Projected BHL	1890	FN	2432	FE
Location of				
Top Perfs/OH	1875	FN	2436	FE
Bottom Perfs/OH	1875	FN	2436	FE

SUMMARY of Subsurface Locations

Surface Location	G-31-18S-32E	1980	FN	2280	FE	Vert. Depth
Top Perfs/OH	G-31-18S-32E	1875	FN	2436	FE	9201.86
Bottom Perfs/OH	G-31-18S-32E	1875	FN	2436	FE	9211.86
Projected TD	G-31-18S-32E	1890	FN	2432	FE	9986.62