

Results of Directional Survey

API number:	30-025-39538		
OGRID:		Operator:	MARBOB ENERGY CORP
		Property:	SL DEEP FEDERAL # 4H

surface	ULSTR:	E	30	T 19S	R 32E
			2310	FNL	660 FWL

BH Loc	ULSTR:	D	30	T 19S	R 32E
			338	FNL	929 FWL

Top Perf/OH	ULSTR:	E	30	T 19S	R 32E
			9400	1866 FNL	844 FWL

Bot Perf/OH	ULSTR:	D	30	T 19S	R 32E
			10800	396 FNL	926 FWL

	MD	N/S	E/W	VD
	9388	504.83	183.17	9176.13
TOP PERFS/OH	9400	443.56	184.03	9177.12
	9451	183.17	187.68	9181.34
	10765	1878.93	263.71	9178.77
BOT PERFS/OH	10800	1913.87	265.75	9178.82
	10808	1921.86	266.22	9178.83

NEXT TO LAST	10765	1878.93	263.71	9178.77
LAST READING	10808	1921.86	266.22	9178.83
TD	10858	1971.78	269.14	9178.90

Surface Location	2310	FN	660	FW
Projected BHL	338	FN	929	FW
Location of				
Top Perfs/OH	1866	FN	844	FW
Bottom Perfs/OH	396	FN	926	FW

SUMMARY of Subsurface Locations

Surface Location	E-30-19S-32E	2310	FN	660	FW	Vert. Depth
Top Perfs/OH	E-30-19S-32E	1866	FN	844	FW	9177.12
Bottom Perfs/OH	D-30-19S-32E	396	FN	926	FW	9178.82
Projected TD	D-30-19S-32E	338	FN	929	FW	9178.90