

Results of Directional Survey

API number:	30-025-39537		
OGRID:		Operator:	MARBOB ENERGY CORP
		Property:	SDL FEDERAL COM # 1H

surface	ULSTR:	D	31	T	18S	R	32E
			990	FNL	330	FWL	

BH Loc	ULSTR:	B	31	T	18S	R	32E
			380	FNL	3592	FWL	

Top Perf/OH	ULSTR:	D	31	T	18S	R	32E
		8475	894	FNL	678	FWL	

Bot Perf/OH	ULSTR:	B	31	T	18S	R	32E
		11375	393	FNL	3532	FWL	

	MD	N/S	E/W	VD
	8449	94.06	322.77	8287.38
TOP PERFS/OH	8475	96.34	348.48	8287.38
	8481	96.86	354.41	8287.38
	11335	587.78	3163.37	8311.89
BOT PERFS/OH	11375	596.64	3202.35	8313.13
	11355	592.21	3182.86	8312.51

NEXT TO LAST	11335	587.78	3163.37	8311.89
LAST READING	11355	592.21	3182.86	8312.51
TD	11436	610.15	3261.79	8315.02

Surface Location	990	FN	330	FW
Projected BHL	380	FN	3592	FW
Location of				
Top Perfs/OH	894	FN	678	FW
Bottom Perfs/OH	393	FN	3532	FW

SUMMARY of Subsurface Locations

Surface Location	D-31-18S-32E	990	FN	330	FW	Vert. Depth
Top Perfs/OH	D-31-18S-32E	894	FN	678	FW	8287.38
Bottom Perfs/OH	B-31-18S-32E	393	FN	3532	FW	8313.13
Projected TD	B-31-18S-32E	380	FN	3592	FW	8315.02