

Results of Directional Survey

API number:	30-005-29083		
OGRID:		Operator:	YATES PETROLEUM CORP
		Property:	NINJA BMN STATE COM # 1

surface	ULSTR:	A	11	T 15S	R 31E
			990 FNL	200 FEL	

BH Loc	ULSTR:	D	11	T 15S	R 31E
			487 FNL	4528 FEL	

Top Perf/OH	ULSTR:	A	11	T 15S	R 31E
		9223	884 FNL	726 FEL	

Bot Perf/OH	ULSTR:	D	11	T 15S	R 31E
		12899	495 FNL	4377 FEL	

	MD	N/S	E/W	VD
	9195	100.95	-498.98	8833.07
TOP PERFS/OH	9223	106.36	-526.43	8832.09
	9226	106.94	-529.37	8831.99
	12874	493.43	-4152.43	8784.38
BOT PERFS/OH	12899	494.91	-4177.39	8784.25
	12938	497.23	-4216.32	8784.05

NEXT TO LAST	12938	497.23	-4216.32	8784.05
LAST READING	12998	500.11	-4276.25	8784.36
TD	13050	502.61	-4328.19	8784.63

Surface Location	990	FN	200	FE
Projected BHL	487	FN	4528	FE
Location of				
Top Perfs/OH	884	FN	726	FE
Bottom Perfs/OH	495	FN	4377	FE

SUMMARY of Subsurface Locations

Surface Location	A-11-15S-31E	990	FN	200	FE	Vert. Depth
Top Perfs/OH	A-11-15S-31E	884	FN	726	FE	8832.09
Bottom Perfs/OH	D-11-15S-31E	495	FN	4377	FE	8784.25
Projected TD	D-11-15S-31E	487	FN	4528	FE	8784.63