

Results of Directional Survey

30-025-34899

YATES PETROLEUM CORP
SAND SPRINGS ASU STATE # 4

	MD	N/S	E/W	VD
	13116	-13.59	-37.92	13090.39
TOP PERFS/OH	13120	-13.23	-40.48	13093.45
	13120	-13.23	-40.48	13093.45
	14175	203.88	-1055.31	13168.72
BOT PERFS/OH	14227	217.95	-1105.36	13169.81
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NEXT TO LAST	14143	195.25	-1024.50	13168.21
LAST READING	14175	203.88	-1055.31	13168.72
TD	14227	217.90	-1105.38	13169.55

Surface Location	700	FN	1650	FE
Projected BHL	482	FN	2755	FE
Location of				
Top Perfs/OH	713	FN	1690	FE
Bottom Perfs/OH	482	FN	2755	FE

SUMMARY of Subsurface Locations

Surface Location	B-11-11S-34E	700	FN	1650	FE
Top Perfs/OH	B-11-11S-34E	713	FN	1690	FE
Bottom Perfs/OH	C B-11-11S-34E	482	FN	2755	FE
Projected TD	C B-11-11S-34E	482	FN	2755	FE

Perforations are within the required stand-off for a 80 acre
proration unit comprising: B & C of 11-T11S-R34E