

Results of Directional Survey

30-025-37214

**OCCIDENTAL PERMIAN LP
NORTH HOBBS G/SA UNIT # 632**

	MD	N/S	E/W	VD
	4011	229.25	2.34	3986.25
TOP PERFS/OH	4169	269.28	-1.59	4139.05
	4083	247.49	0.55	4055.88
	4011	229.25	2.34	3986.25
BOT PERFS/OH	4310	305.00	-5.09	4275.41
	4083	247.49	0.55	4055.88

NEXT TO LAST	4011	229.25	2.34	3986.25
LAST READING	4083	247.49	0.55	4055.88
TD	4451	340.72	-8.60	4411.77

Surface Location	2118	FS	1355	FE
Projected BHL	2459	FS	1364	FE
Location of				
Top Perfs/OH	2387	FS	1357	FE
Bottom Perfs/OH	2423	FS	1360	FE

SUMMARY of Subsurface Locations

Surface Location	J-31-18S-38E	2118	FS	1355	FE	Vert. Depth
Top Perfs/OH	J-31-18S-38E	2387	FS	1357	FE	4139.05
Bottom Perfs/OH	J-31-18S-38E	2423	FS	1360	FE	4275.41
Projected TD	J-31-18S-38E	2459	FS	1364	FE	4411.77