

Results of Directional Survey

API number:	30-025-37446		
OGRID:		Operator:	OCCIDENTAL PERMIAN LP
		Property:	NORTH HOBBS G/SA UNIT # 633

surface	ULSTR:	G	19	T	18S	R	38E
			2290	FN	1410	FE	

BH Loc	ULSTR:	J	19	T	18S	R	38E
			2844	FN	1495	FE	

	MD	N/S	E/W	VD
	4227	-498.63	-84.63	4172.45
TOP PERFS/OH	4264	-506.42	-84.84	4208.60
	4322	-518.63	-85.18	4265.26
	4322	-518.63	-85.18	4265.26
BOT PERFS/OH	4355	-525.79	-85.26	4297.49
	4418	-539.47	-85.41	4359.03

NEXT TO LAST	4418	-539.47	-85.41	4359.03
LAST READING	4488	-554.44	-85.48	4427.41
TD	4488	-554.44	-85.48	4427.41

Surface Location	2290	FN	1410	FE
Projected BHL	2844	FN	1495	FE
Location of				
Top Perfs/OH	2796	FN	1495	FE
Bottom Perfs/OH	2816	FN	1495	FE

SUMMARY of Subsurface Locations

Surface Location	G-19-18S-38E	2290	FN	1410	FE	Vert. Depth
Top Perfs/OH	J-19-18S-38E	2796	FN	1495	FE	4208.60
Bottom Perfs/OH	J-19-18S-38E	2816	FN	1495	FE	4297.49
Projected TD	J-19-18S-38E	2844	FN	1495	FE	4427.41