

Results of Directional Survey

API number:	30-025-38114		
OGRID:		Operator:	OCCIDENTAL PERMIAN LP
		Property:	NORTH HOBBS G/SA UNIT #518

surface	ULSTR:	M	18	T	18S	R	38E
			275	FSL	1030	FWL	

BH Loc	ULSTR:	N	18	T	18S	R	38E
			277	FSL	1389	FWL	

	MD	N/S	E/W	VD
	4185	-2.73	315.87	4160.65
TOP PERFS/OH	4188	-2.67	316.33	4163.61
	4278	-0.96	330.03	4252.54
	4278	-0.96	330.03	4252.54
BOT PERFS/OH	4343	0.10	339.93	4316.78
	4372	0.57	344.34	4345.44

NEXT TO LAST	4372	0.57	344.34	4345.44
LAST READING	4468	1.53	359.08	4440.29
TD	4468	1.53	359.08	4440.29

Surface Location	275	FS	1030	FW
Projected BHL	277	FS	1389	FW
Location of				
Top Perfs/OH	272	FS	1346	FW
Bottom Perfs/OH	275	FS	1370	FW

SUMMARY of Subsurface Locations

Surface Location	M-18-18S-38E	275	FS	1030	FW	Vert. Depth
Top Perfs/OH	N-18-18S-38E	272	FS	1346	FW	4163.61
Bottom Perfs/OH	N-18-18S-38E	275	FS	1370	FW	4316.78
Projected TD	N-18-18S-38E	277	FS	1389	FW	4440.29