

Results of Directional Survey

30-025-35743

**OCCIDENTAL PERMIAN LTD
NORTH HOBBS G/SA UNIT # 843**

	MD	N/S	E/W	VD
	4066	-503.80	-426.80	3961.7
TOP PERFS/OH	4148	-524.13	-443.55	4039.34
	4160	-527.10	-446.00	4050.70
	4285	-559.10	-473.30	4168.40
BOT PERFS/OH	4332	-570.88	-483.85	4212.67
	4445	-599.20	-509.20	4319.10

NEXT TO LAST	4348	-574.90	-487.40	4227.80
LAST READING	4445	-599.20	-509.20	4319.10
TD	4448	-599.95	-509.87	4321.92

Surface Location	1993	FS	294	FE
Projected BHL	1393	FS	804	FE
Location of				
Top Perfs/OH	1469	FS	738	FE
Bottom Perfs/OH	1422	FS	778	FE

SUMMARY of Subsurface Locations

Surface Location	I-33-18S-38E	1993	FS	294	FE	Vert. Depth
Top Perfs/OH	I-33-18S-38E	1469	FS	738	FE	4039.34
Bottom Perfs/OH	I-33-18S-38E	1422	FS	778	FE	4212.67
Projected TD	I-33-18S-38E	1393	FS	804	FE	4321.92

Perforations are within the required stand-off as required by
NSL-4646(BHL)