

Results of Directional Survey

API number:	30-025-37451		
OGRID:		Operator:	OCCIDENTAL PERMIAN LTD
		Property:	NORTH HOBBS UNIT 29 # 711

surface	ULSTR:	C	29	T	18S	R	38E
			288	FNL	1650	FWL	

BH Loc	ULSTR:	D	29	T	18S	R	38E
			291	FNL	1213	FWL	

	MD	N/S	E/W	VD
	4195	-9.22	-391.06	4160.31
TOP PERFS/OH	4265	-7.88	-403.92	4229.10
	4289	-7.42	-408.33	4252.69
	4289	-7.42	-408.33	4252.69
BOT PERFS/OH	4353	-5.91	-419.82	4315.63
	4382	-5.23	-425.03	4344.15

NEXT TO LAST	4382	-5.23	-425.03	4344.15
LAST READING	4449	-3.47	-436.87	4410.07
TD	4450	-3.44	-437.05	4411.05

Surface Location	288	FN	1650	FW
Projected BHL	291	FN	1213	FW
Location of				
Top Perfs/OH	296	FN	1246	FW
Bottom Perfs/OH	294	FN	1230	FW

SUMMARY of Subsurface Locations

Surface Location	C-29-18S-38E	288	FN	1650	FW	Vert. Depth
Top Perfs/OH	D-29-18S-38E	296	FN	1246	FW	4229.10
Bottom Perfs/OH	D-29-18S-38E	294	FN	1230	FW	4315.63
Projected TD	D-29-18S-38E	291	FN	1213	FW	4411.05