

Results of Directional Survey

API number:	30-025-37567		
OGRID:		Operator:	PATTERSON PETROLEUM LP
		Property:	BOUGAINVILLEA # 1

surface	ULSTR:	I	33	T	17S	R	34E
			2010	FSL	660	FEL	

BH Loc	ULSTR:	I	33	T	17S	R	34E
			1955	FSL	687	FEL	

	MD	N/S	E/W	VD
	12897	-54.57	-31.61	12882.01
TOP PERFS/OH	13010	-54.66	-30.34	12995.01
	12960	-54.62	-30.90	12945.01
	12897	-54.57	-31.61	12882.01
BOT PERFS/OH	13029	-54.67	-30.12	13014.01
	12960	-54.62	-30.90	12945.01

NEXT TO LAST	12897	-54.57	-31.61	12882.01
LAST READING	12960	-54.62	-30.90	12945.01
TD	13350	-54.93	-26.50	13335.01

Surface Location	2010	FS	660	FE
Projected BHL	1955	FS	687	FE
Location of				
Top Perfs/OH	1955	FS	690	FE
Bottom Perfs/OH	1955	FS	690	FE

SUMMARY of Subsurface Locations

Surface Location	I-33-17S-34E	2010	FS	660	FE	Vert. Depth
Top Perfs/OH	I-33-17S-34E	1955	FS	690	FE	12995.01
Bottom Perfs/OH	I-33-17S-34E	1955	FS	690	FE	13014.01
Projected TD	I-33-17S-34E	1955	FS	687	FE	13335.01