

Results of Directional Survey

API number:	30-025-39961			
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP	
		Property:	COCKBURN G FEDERAL	# 5H

surface	ULSTR:	L	10	T 18S	R 33E
				1650 FSL	330 FWL

BH Loc	ULSTR:	D	10	T 18S	R 33E
12249	MD	9079.7	TVD	4951 FSL	899 FWL

Top Perf/OH	ULSTR:	L	10	T 18S	R 33E
9765	MD	9233.5	TVD	2500 FSL	528 FWL

Bot Perf/OH	ULSTR:	D	10	T 18S	R 33E
12094	MD	9089.2	TVD	4798 FSL	874 FWL

	MD	N/S	E/W	VD
	9737	823.23	192.81	9236
TOP PERFS/OH	9765	850.30	197.78	9233.47
	9767	852.23	198.13	9233.29
	12080	3134.60	542.29	9090.05
BOT PERFS/OH	12094	3148.40	544.47	9089.18
	12111	3165.16	547.11	9088.12

NEXT TO LAST	12173	3226.26	556.93	9084.35
LAST READING	12196	3248.92	560.61	9082.94
TD	12249	3301.14	569.09	9079.69

Surface Location	1650	FS	330	FW
Projected BHL	4951	FS	899	FW
Location of				
Top Perfs/OH	2500	FS	528	FW
Bottom Perfs/OH	4798	FS	874	FW

SUMMARY of Subsurface Locations

Surface Location	L-10-18S-33E	1650	FS	330	FW	Vert. Depth
Top Perfs/OH	L-10-18S-33E	2500	FS	528	FW	9233.47
Bottom Perfs/OH	D-10-18S-33E	4798	FS	874	FW	9089.18
Projected TD	D-10-18S-33E	4951	FS	899	FW	9079.69