

Results of Directional Survey

API number:	30-025-40802		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	PORTER BROWN # 1H

surface	ULSTR:	P	19	T 26S	R 33E
				340 FSL	340 FEL

BH Loc	ULSTR:	A	19	T 26S	R 33E
13468	MD	9170.7	TVD	342 FNL	416 FEL
				4938 FSL	

Top Perf/OH	ULSTR:	P	19	T 26S	R 33E
9639	MD	9187.6	TVD	1111 FSL	350 FEL

Bot Perf/OH	ULSTR:	A	19	T 26S	R 33E
13359	MD	9172.3	TVD	451 FNL	413 FEL
				4829 FSL	

	MD	N/S	E/W	VD
	9633	764.81	-9.68	9187.39
TOP PERFS/OH	9639	770.81	-9.65	9187.57
	9664	795.79	-9.51	9188.32
	13348	4477.69	-72.42	9172.45
BOT PERFS/OH	13359	4488.68	-72.74	9172.27
	13364	4493.68	-72.89	9172.19

NEXT TO LAST	13364	4493.68	-72.89	9172.19
LAST READING	13468	4597.63	-75.76	9170.68
TD	13468	4597.63	-75.76	9170.68

Surface Location	340	FS	340	FE
Projected BHL	4938	FS	416	FE
Location of				
Top Perfs/OH	1111	FS	350	FE
Bottom Perfs/OH	4829	FS	413	FE

SUMMARY of Subsurface Locations

Surface Location	P-19-26S-33E	340	FS	340	FE	Vert. Depth
Top Perfs/OH	P-19-26S-33E	1111	FS	350	FE	9187.57
Bottom Perfs/OH	A-19-26S-33E	4829	FS	413	FE	9172.27
Projected TD	A-19-26S-33E	4938	FS	416	FE	9170.68

APR 02 2013