

Results of Directional Survey

API number:	30-025-38849		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	CENTRAL VACUUM UNIT # 238

surface	ULSTR:	P	36	T 17S	R 34E
			10 FSL	420 FEL	

BH Loc	ULSTR:	P	36	T 17S	R 34E
			31 FSL	4 FEL	

Top Perf/OH	ULSTR:	P	36	T 17S	R 34E
	4325		37 FSL	159 FEL	

Bot Perf/OH	ULSTR:	P	36	T 17S	R 34E
	4856		34 FSL	62 FEL	

	MD	N/S	E/W	VD
	4289	27.64	254.26	4272.31
TOP PERFS/OH	4325	27.33	261.30	4307.61
	4384	26.81	272.84	4365.47
	4765	24.34	342.03	4740.00
BOT PERFS/OH	4856	23.52	357.75	4829.74
	4860	23.48	358.44	4833.68

NEXT TO LAST	5043	22.49	388.94	5014.12
LAST READING	5138	21.90	404.33	5107.86
TD	5210	21.45	415.99	5178.91

Surface Location	10	FS	420	FE
Projected BHL	31	FS	4	FE
Location of				
Top Perfs/OH	37	FS	159	FE
Bottom Perfs/OH	34	FS	62	FE

SUMMARY of Subsurface Locations

Surface Location	P-36-17S-34E	10	FS	420	FE	Vert. Depth
Top Perfs/OH	P-36-17S-34E	37	FS	159	FE	4307.61
Bottom Perfs/OH	P-36-17S-34E	34	FS	62	FE	4829.74
Projected TD	P-36-17S-34E	31	FS	4	FE	5178.91