

Results of Directional Survey

API number:	30-025-38786		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	VACUUM GRAYBURG SAN ANDRES UNIT # 439

surface	ULSTR:	B	01	T 18S	R 34E
			634 FNL	1632 FEL	

BH Loc	ULSTR:	B	01	T 18S	R 34E
			17 FNL	1986 FEL	

Top Perf/OH	ULSTR:	B	01	T 18S	R 34E
		4390	112 FNL	1940 FEL	

Bot Perf/OH	ULSTR:	B	01	T 18S	R 34E
		5002	30 FNL	1981 FEL	

	MD	N/S	E/W	VD
	4301	500.90	-296.86	4160.31
TOP PERFS/OH	4390	521.97	-307.55	4246.10
	4396	523.39	-308.27	4251.88
	4967	600.43	-348.15	4815.98
BOT PERFS/OH	5002	603.56	-349.19	4850.83
	5062	608.92	-350.98	4910.56

NEXT TO LAST	4967	600.43	-348.15	4815.98
LAST READING	5062	608.92	-350.98	4910.56
TD	5156	617.32	-353.78	5004.14

Surface Location	634	FN	1632	FE
Projected BHL	17	FN	1986	FE
Location of				
Top Perfs/OH	112	FN	1940	FE
Bottom Perfs/OH	30	FN	1981	FE

SUMMARY of Subsurface Locations

Surface Location	B-01-18S-34E	634	FN	1632	FE	Vert. Depth
Top Perfs/OH	B-01-18S-34E	112	FN	1940	FE	4246.10
Bottom Perfs/OH	B-01-18S-34E	30	FN	1981	FE	4850.83
Projected TD	B-01-18S-34E	17	FN	1986	FE	5004.14