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HOBBSOCD

Results of Directional Survey

API number:	30-025-38555		
OGRID:		Operator:	CHEVRON U S A INC
		Property:	VACUUM GBSA UNIT # 145

surface	ULSTR:	C	02	T 18S	R 34E
			1286 FNL	1831 FWL	

BH Loc	ULSTR:	C	02	T 18S	R 34E
			1300 FNL	1998 FWL	

Top Perf/OH	ULSTR:	C	02	T 18S	R 34E
		4520	1287 FNL	1953 FWL	

Bot Perf/OH	ULSTR:	C	02	T 18S	R 34E
		4624	1290 FNL	1963 FWL	

	MD	N/S	E/W	VD
	4511	-1.25	121.46	4505.28
TOP PERFS/OH	4520	-1.46	122.33	4514.23
	4606	-3.49	130.68	4599.80
	4606	-3.49	130.68	4599.80
BOT PERFS/OH	4624	-3.87	132.40	4617.71
	4702	-5.52	139.84	4695.34

NEXT TO LAST	4894	-10.08	157.79	4886.45
LAST READING	4952	-12.12	162.81	4944.19
TD	5006	-14.02	167.48	4997.95

Surface Location	1286 FN	1831 FW
Projected BHL	1300 FN	1998 FW
Location of		
Top Perfs/OH	1287 FN	1953 FW
Bottom Perfs/OH	1290 FN	1963 FW

SUMMARY of Subsurface Locations

Surface Location	C-02-18S-34E	1286 FN	1831 FW	Vert. Depth
Top Perfs/OH	C-02-18S-34E	1287 FN	1953 FW	4514.23
Bottom Perfs/OH	C-02-18S-34E	1290 FN	1963 FW	4617.71
Projected TD	C-02-18S-34E	1300 FN	1998 FW	4997.95