

Results of Directional Survey

Lateral 1

API number:	30-025-31621	LATERAL # 1
OGRID:		Operator: BTA OIL PRODUCERS
	Property:	VACUUM 9205 JV-P COM # 1

surface	ULSTR: L	31	T 16S	R 35E
		1980 FSL	660 FWL	

BH Loc	ULSTR: C	31	T 16S	R 35E
		4853 FSL	1946 FWL	

	MD	N/S	E/W	VD
	8693	14.17	-11.68	8692.72
TOP PERFS/OH	8717	17.52	-14.71	8692.72
	8791	27.85	-24.05	8692.72
	11968	2839.38	1268.73	8913.66
BOT PERFS/OH	12006	2873.47	1285.50	8914.52
	12006	2873.47	1285.50	8914.52

NEXT TO LAST	11968	2839.38	1268.73	8913.66
LAST READING	12006	2873.47	1285.50	8914.52
TD	12006	2873.47	1285.50	8914.52

Surface Location	1980 FS	660 FW
Projected BHL	4853 FS	1946 FW
Location of		
Top Perfs/OH	1998 FS	645 FW
Bottom Perfs/OH	4853 FS	1946 FW

SUMMARY of Subsurface Locations

Surface Location	L-31-16S-35E	1980 FS	660 FW	Vert. Depth
Top Perfs/OH	L-31-16S-35E	1998 FS	645 FW	8692.72
Bottom Perfs/OH	C-31-16S-35E	4853 FS	1946 FW	8914.52
Projected TD	C-31-16S-35E	4853 FS	1946 FW	8914.52