

Results of Directional Survey

30-025-32061

**CONOCOPHILLIPS CO
EAST VACUUM GB/SA UNIT TR 3229 # 13**

	MD	N/S	E/W	VD
	4100	15.14	-11.16	4099.75
TOP PERFS/OH	4128	15.80	-10.82	4127.74
	4200	17.50	-9.95	4199.71
	6543	-412.49	2131.48	4534.82
BOT PERFS/OH	6623	-413.04	2211.39	4538.51
	6623	-413.04	2211.39	4538.51

NEXT TO LAST	6543	-412.49	2131.48	4534.82
LAST READING	6623	-413.04	2211.39	4538.51
TD	6623	-413.04	2211.39	4538.51

Surface Location	2000	FS	2630	FW
Projected BHL	1587	FS	4841	FW
Location of				
Top Perfs/OH	2016	FS	2619	FW
Bottom Perfs/OH	1587	FS	4841	FW

SUMMARY of Subsurface Locations

Surface Location	K-32-17S-35E	2000	FS	2630	FW	Vert. Depth
Top Perfs/OH	K-32-17S-35E	2016	FS	2619	FW	4127.74
Bottom Perfs/OH	I-32-17S-35E	1587	FS	4841	FW	4538.51
Projected TD	I-32-17S-35E	1587	FS	4841	FW	4538.51