

Results of Directional Survey

30-025-36820

NEARBURG PRODUCING CO
JADE 34 FEDERAL COM # 3

	MD	N/S	E/W	VD
	13725	-2431.70	-424.33	13338.55
TOP PERFS/OH	13746	-2438.20	-425.65	13358.48
	14090	-2544.60	-447.30	13684.89
	13725	-2431.70	-424.33	13338.55
BOT PERFS/OH	13838	-2466.65	-431.44	13445.77
	14090	-2544.60	-447.30	13684.89

NEXT TO LAST	13725	-2431.70	-424.33	13338.55
LAST READING	14090	-2544.60	-447.30	13684.89
TD	14090	-2544.60	-447.30	13684.89

Surface Location	1115	FN	2364	FW
Projected BHL	3660	FN	1917	FW
Location of				
Top Perfs/OH	3553	FN	1938	FW
Bottom Perfs/OH	3582	FN	1933	FW

SUMMARY of Subsurface Locations

Surface Location	C-34-19S-33E	1115	FN	2364	FW	Vert. Depth
Top Perfs/OH	K-34-19S-33E	3553	FN	1938	FW	13358.48
Bottom Perfs/OH	K-34-19S-33E	3582	FN	1933	FW	13445.77
Projected TD	K-34-19S-33E	3660	FN	1917	FW	13684.89