

Results of Directional Survey

API number:	30-025-39525		
OGRID:		Operator:	YATES PETROLEUM CORP
		Property:	FARBER BOB FEDERAL # 1H

surface	ULSTR:	M	01	T	25S	R	32E
			330	FSL	660	FWL	

BH Loc	ULSTR:	D	01	T	25S	R	32E
			4859	FSL	682	FWL	

Top Perf/OH	ULSTR:	M	01	T	25S	R	32E
		9447	724	FSL	677	FWL	

Bot Perf/OH	ULSTR:	D	01	T	25S	R	32E
		13362	4635	FSL	676	FWL	

	MD	N/S	E/W	VD
	9416	362.67	18.21	9210.38
TOP PERFS/OH	9447	393.52	17.21	9213.14
	9447	393.52	17.21	9213.14
	13355	4298.39	15.52	9217.62
BOT PERFS/OH	13362	4305.39	15.69	9217.43
	13450	4393.33	17.89	9214.99

NEXT TO LAST	13450	4393.33	17.89	9214.99
LAST READING	13542	4485.19	20.60	9210.97
TD	13586	4529.12	21.90	9209.05

Surface Location	330	FS	660	FW
Projected BHL	4859	FS	682	FW
Location of				
Top Perfs/OH	724	FS	677	FW
Bottom Perfs/OH	4635	FS	676	FW

SUMMARY of Subsurface Locations

Surface Location	M-01-25S-32E	330	FS	660	FW	Vert. Depth
Top Perfs/OH	M-01-25S-32E	724	FS	677	FW	9213.14
Bottom Perfs/OH	D-01-25S-32E	4635	FS	676	FW	9217.43
Projected TD	D-01-25S-32E	4859	FS	682	FW	9209.05