

Results of Directional Survey

API number:	30-025-39068		
OGRID:		Operator:	APACHE CORP
		Property:	NORTH MONUMENT G/SA UNIT # 375

surface	ULSTR:	E	30	T	19S	R	37E
			1527	FNL	997	FWL	

BH Loc	ULSTR:	E	30	T	19S	R	37E
			1343	FNL	1309	FWL	

Top Perf/OH	ULSTR:	E	30	T	19S	R	37E
			3975		1344	FNL	1309 FWL

Bot Perf/OH	ULSTR:	E	30	T	19S	R	37E
			3998		1344	FNL	1309 FWL

	MD	N/S	E/W	VD
	3841	183.15	310.95	3802.15
TOP PERFS/OH	3975	183.43	311.61	3936.15
	3968	183.42	311.58	3929.15
	3841	183.15	310.95	3802.15
BOT PERFS/OH	3998	183.48	311.73	3959.15
	3968	183.42	311.58	3929.15

NEXT TO LAST	3841	183.15	310.95	3802.15
LAST READING	3968	183.42	311.58	3929.15
TD	4089	183.68	312.18	4050.15

Surface Location	1527	FN	997	FW
Projected BHL	1343	FN	1309	FW
Location of				
Top Perfs/OH	1344	FN	1309	FW
Bottom Perfs/OH	1344	FN	1309	FW

SUMMARY of Subsurface Locations

Surface Location	E-30-19S-37E	1527	FN	997	FW	Vert. Depth
Top Perfs/OH	E-30-19S-37E	1344	FN	1309	FW	3936.15
Bottom Perfs/OH	E-30-19S-37E	1344	FN	1309	FW	3959.15
Projected TD	E-30-19S-37E	1343	FN	1309	FW	4050.15