

Results of Directional Survey

API number:	30-025-39491		
OGRID:		Operator:	APACHE CORP
		Property:	CONE A # 2

surface	ULSTR:	F	12	T	20S	R	38E
			2310	FNL	1650	FWL	

BH Loc	ULSTR:	F	12	T	20S	R	38E
			2269	FNL	1664	FWL	

Top Perf/OH	ULSTR:	F	12	T	20S	R	38E
			6060	FNL	1669	FWL	

Bot Perf/OH	ULSTR:	F	12	T	20S	R	38E
			7092	FNL	1666	FWL	

	MD	N/S	E/W	VD
	5965	20.16	18.66	5964.92
TOP PERFS/OH	6060	20.48	18.87	6059.91
	6060	20.48	18.87	6059.91
	6914	44.33	16.97	6913.14
BOT PERFS/OH	7092	43.45	15.54	7091.14
	7104	43.39	15.44	7103.14

NEXT TO LAST	7104	43.39	15.44	7103.14
LAST READING	7232	42.18	14.63	7231.13
TD	7305	41.49	14.17	7304.12

Surface Location	2310	FN	1650	FW
Projected BHL	2269	FN	1664	FW
Location of				
Top Perfs/OH	2290	FN	1669	FW
Bottom Perfs/OH	2267	FN	1666	FW

SUMMARY of Subsurface Locations

Surface Location	F-12-20S-38E	2310	FN	1650	FW	Vert. Depth
Top Perfs/OH	F-12-20S-38E	2290	FN	1669	FW	6059.91
Bottom Perfs/OH	F-12-20S-38E	2267	FN	1666	FW	7091.14
Projected TD	F-12-20S-38E	2269	FN	1664	FW	7304.12