

Results of Directional Survey

API number:	30-025-39013		
OGRID:		Operator:	APACHE CORP
		Property:	NEW MEXICO S STATE # 55

surface	ULSTR:	M	02	T	22S	R	37E
			185	FSL	595	FWL	

BH Loc	ULSTR:	M	02	T	22S	R	37E
			350	FSL	357	FWL	

Top Perf/OH	ULSTR:	M	02	T	22S	R	37E
			3920	350	FSL	353	FWL

Bot Perf/OH	ULSTR:	M	02	T	22S	R	37E
			4270	351	FSL	355	FWL

	MD	N/S	E/W	VD
	3900	164.60	-242.10	3877.18
TOP PERFS/OH	3920	164.67	-242.00	3897.18
	3993	164.92	-241.63	3970.18
	4183	165.89	-240.50	4160.18
BOT PERFS/OH	4270	166.11	-239.87	4247.17
	4278	166.13	-239.81	4255.17

NEXT TO LAST	4469	165.68	-238.68	4446.17
LAST READING	4641	165.18	-238.31	4618.17
TD	4694	165.03	-238.20	4671.17

Surface Location	185	FS	595	FW
Projected BHL	350	FS	357	FW
Location of				
Top Perfs/OH	350	FS	353	FW
Bottom Perfs/OH	351	FS	355	FW

SUMMARY of Subsurface Locations

Surface Location	M-02-22S-37E	185	FS	595	FW	Vert. Depth
Top Perfs/OH	M-02-22S-37E	350	FS	353	FW	3897.18
Bottom Perfs/OH	M-02-22S-37E	351	FS	355	FW	4247.17
Projected TD	M-02-22S-37E	350	FS	357	FW	4671.17