

Results of Directional Survey

API number:	30-025-39696		
OGRID:		Operator:	APACHE CORP
		Property:	E W WALDEN # 16

surface	ULSTR:	K	15	T 22S	R 37E
				1343 FSL	1415 FWL

BH Loc	ULSTR:	M	15	T 22S	R 37E
7322	MD	7300.9	TVD	1270 FSL	1252 FWL

Top Perf/OH	ULSTR:	M	15	T 22S	R 37E
5402	MD	5381.4	TVD	1260 FSL	1253 FWL

Bot Perf/OH	ULSTR:	M	15	T 22S	R 37E
5678	MD	5657.2	TVD	1255 FSL	1246 FWL

	MD	N/S	E/W	VD
	5341	-81.20	-157.90	5320.6
TOP PERFS/OH	5402	-83.00	-161.95	5381.41
	5436	-84.00	-164.20	5415.30
	5627	-87.30	-168.20	5606.20
BOT PERFS/OH	5678	-88.00	-168.68	5657.20
	5722	-88.60	-169.10	5701.20

NEXT TO LAST	7150	-75.20	-165.00	7128.90
LAST READING	7246	-73.70	-163.70	7224.90
TD	7322	-72.51	-162.67	7300.90

Surface Location	1343	FS	1415	FW
Projected BHL	1270	FS	1252	FW
Location of				
Top Perfs/OH	1260	FS	1253	FW
Bottom Perfs/OH	1255	FS	1246	FW

SUMMARY of Subsurface Locations

Surface Location	K-15-22S-37E	1343	FS	1415	FW	Vert. Depth
Top Perfs/OH	M-15-22S-37E	1260	FS	1253	FW	5381.41
Bottom Perfs/OH	M-15-22S-37E	1255	FS	1246	FW	5657.20
Projected TD	M-15-22S-37E	1270	FS	1252	FW	7300.90