

Results of Directional Survey

API number:	30-005-29075		
OGRID:		Operator:	MACK ENERGY CORP
		Property:	PEERY FEDERAL # 7

surface	ULSTR: I	29	T 15S	R 30E
		2285 FSL	330 FEL	

BH Loc	ULSTR: J	29	T 15S	R 30E
		2200 FSL	1460 FEL	

Top Perf/OH	ULSTR: I	29	T 15S	R 30E
	9054	2195 FSL	956 FEL	

Bot Perf/OH	ULSTR: J	29	T 15S	R 30E
	9500	2198 FSL	1399 FEL	

	MD	N/S	E/W	VD
	9044	-90.49	-616.24	8666.68
TOP PERFS/OH	9054	-90.44	-626.23	8667.11
	9076	-90.33	-648.21	8668.06
	9463	-88.07	-1032.36	8639.61
BOT PERFS/OH	9500	-87.08	-1068.62	8632.30
	9495	-87.21	-1063.72	8633.29

NEXT TO LAST	9463	-88.07	-1032.36	8639.61
LAST READING	9495	-87.21	-1063.72	8633.29
TD	9563	-85.38	-1130.36	8619.86

Surface Location	2285 FS	330 FE
Projected BHL	2200 FS	1460 FE
Location of		
Top Perfs/OH	2195 FS	956 FE
Bottom Perfs/OH	2198 FS	1399 FE

SUMMARY of Subsurface Locations

Surface Location	I-29-15S-30E	2285 FS	330 FE	Vert. Depth
Top Perfs/OH	I-29-15S-30E	2195 FS	956 FE	8667.11
Bottom Perfs/OH	J-29-15S-30E	2198 FS	1399 FE	8632.30
Projected TD	J-29-15S-30E	2200 FS	1460 FE	8619.86