

Results of Directional Survey

API number:	30-025-36328		
OGRID:		Operator:	YATES PETROLEUM CORP
		Property:	PAWN AWP STATE # 1

surface	ULSTR:	C	09	T	20S	R	37E
				330	FNL	1980	FWL

BH Loc	ULSTR:	D	09	T	20S	R	37E
8773	MD	7153.2	TVD	1000	FNL	351	FWL

Top Perf/OH	ULSTR:	C	09	T	20S	R	37E
6938	MD	6936.0	TVD	399	FNL	1929	FWL

Bot Perf/OH	ULSTR:	D	09	T	20S	R	37E
8760	MD	7153.7	TVD	995	FNL	363	FWL

	MD	N/S	E/W	VD
	6904.5	-67.40	-48.80	6902.7
TOP PERFS/OH	6938	-68.97	-51.41	6936.02
	6979	-70.90	-54.60	6976.80
	8651	-625.10	-1515.70	7157.50
BOT PERFS/OH	8760	-665.07	-1616.91	7153.69
	8714	-648.20	-1574.20	7155.30

NEXT TO LAST	8651	-625.10	-1515.70	7157.50
LAST READING	8714	-648.20	-1574.20	7155.30
TD	8773	-669.83	-1628.99	7153.24

Surface Location	330	FN	1980	FW
Projected BHL	1000	FN	351	FW
Location of				
Top Perfs/OH	399	FN	1929	FW
Bottom Perfs/OH	995	FN	363	FW

SUMMARY of Subsurface Locations

Surface Location	C-09-20S-37E	330	FN	1980	FW	Vert. Depth
Top Perfs/OH	C-09-20S-37E	399	FN	1929	FW	6936.02
Bottom Perfs/OH	D-09-20S-37E	995	FN	363	FW	7153.69
Projected TD	D-09-20S-37E	1000	FN	351	FW	7153.24