

Results of Directional Survey

API number:	30-025-41215		
OGRID:		Operator:	MEWBOURNE OIL CO
		Property:	MARATHON ROAD 14 MD FEDERAL # 1H

surface	ULSTR:	D	23	T 20S	R 34E
				170 FNL	810 FWL

BH Loc	ULSTR:	D	14	T 20S	R 34E
15925 MD		10929.7	TVD	336 FNL	462 FWL
4944 FSL					

Top Perf/OH	ULSTR:	D	23	T 20S	R 34E
11448 MD		10958.8	TVD	471 FSL	606 FWL

Bot Perf/OH	ULSTR:	D	14	T 20S	R 34E
15820 MD		10931.9	TVD	441 FNL	469 FWL
4839 FSL					

	MD	N/S	E/W	VD
	11440	633.10	-204.20	10959
TOP PERFS/OH	11448	641.10	-204.15	10958.81
	11535	728.10	-203.60	10956.80
	15805	4994.50	-340.00	10932.30
BOT PERFS/OH	15820	5009.48	-340.88	10931.94
	15868	5057.40	-343.70	10930.80

NEXT TO LAST	15868	5057.40	-343.70	10930.80
LAST READING	15925.00	5114.20	-348.30	10929.70
TD	15925	5114.20	-348.30	10929.70

Surface Location	170	FN	810	FW
Projected BHL	4944	FS	462	FW
Location of				
Top Perfs/OH	471	FS	606	FW
Bottom Perfs/OH	4839	FS	469	FW

SUMMARY of Subsurface Locations

Surface Location	D-23-20S-34E	170	FN	810	FW	Vert. Depth
Top Perfs/OH	D-23-20S-34E	471	FS	606	FW	10958.81
Bottom Perfs/OH	D-14-20S-34E	4839	FS	469	FW	10931.94
Projected TD	D-14-20S-34E	4944	FS	462	FW	10929.70

DEC 24 2014