

Results of Directional Survey

API number:	30-025-41463		
OGRID:		Operator:	OXY USA INC
		Property:	COPPERHEAD 18 STATE # 5H

surface	ULSTR:	A	18	T 24S	R 33E
				360 FNL	915 FEL

BH Loc	ULSTR:	P	18	T 24S	R 33E
15660	MD	11109.4	TVD	168 FSL	329 FEL
5112 FNL					

Top Perf/OH	ULSTR:	A	18	T 24S	R 33E
11280	MD	11097.8	TVD	780 FNL	918 FEL

Bot Perf/OH	ULSTR:	P	18	T 24S	R 33E
15506	MD	11112.8	TVD	320 FNL	356 FEL
4960 FNL					

	MD	N/S	E/W	VD
	11270.00	-410.70	-3.30	11094.80
TOP PERFS/OH	11280.00	-420.25	-2.91	11097.77
	11301.00	-440.30	-2.10	11104.00
	15503.80	-4597.90	559.10	11112.80
BOT PERFS/OH	15506.00	-4600.07	559.49	11112.77
	15555.00	-4648.30	568.10	11112.10

NEXT TO LAST	15610.00	-4702.40	577.60	11110.80
LAST READING	15660.00	-4751.70	586.00	11109.40
TD	15660.00	-4751.70	586.00	11109.40

Surface Location	360	FN	915	FE
Projected BHL	5112	FN	329	FE
Location of				
Top Perfs/OH	780	FN	918	FE
Bottom Perfs/OH	4960	FN	356	FE

SUMMARY of Subsurface Locations

Surface Location	A-18-24S-33E	360	FN	915	FE	Vert. Depth
Top Perfs/OH	A-18-24S-33E	780	FN	918	FE	11097.77
Bottom Perfs/OH	P-18-24S-33E	4960	FN	356	FE	11112.77
Projected TD	P-18-24S-33E	5112	FN	329	FE	11109.40