

Results of Directional Survey

API number:	30-025-39764		
OGRID:		Operator:	CONOCOPHILLIPS COMPANY
		Property:	MCA UNIT # 467

surface	ULSTR:	F	33	T 17S	R 32E
				1330 FNL	1855 FWL

BH Loc	ULSTR:	F	33	T 17S	R 32E
4365	MD		4361.4	TVD	1191 FNL
					1880 FWL

Top Perf/OH	ULSTR:	F	33	T 17S	R 32E
3892	MD		3889.1	TVD	1220 FNL
					1876 FWL

Bot Perf/OH	ULSTR:	F	33	T 17S	R 32E
3981	MD		3977.9	TVD	1215 FNL
					1877 FWL

	MD	N/S	E/W	VD
	3850	107.10	20.50	3847.2
TOP PERFS/OH	3892	109.70	20.84	3889.12
	3900	110.20	20.90	3897.10
	3950	113.50	21.20	3947.00
BOT PERFS/OH	3981	115.48	21.51	3977.94
	4000	116.70	21.70	3996.90

NEXT TO LAST	4200	129.30	24.10	4196.40
LAST READING	4222	130.60	24.20	4218.40
TD	4365	139.05	24.85	4361.40

Surface Location	1330	FN	1855	FW
Projected BHL	1191	FN	1880	FW
Location of				
Top Perfs/OH	1220	FN	1876	FW
Bottom Perfs/OH	1215	FN	1877	FW

SUMMARY of Subsurface Locations

Surface Location	F-33-17S-32E	1330	FN	1855	FW	Vert. Depth
Top Perfs/OH	F-33-17S-32E	1220	FN	1876	FW	3889.12
Bottom Perfs/OH	F-33-17S-32E	1215	FN	1877	FW	3977.94
Projected TD	F-33-17S-32E	1191	FN	1880	FW	4361.40