

Results of Directional Survey

API number:	30-025-38980		
OGRID:		Operator:	CONOCOPHILLIPS COMPANY
		Property:	MCA UNIT # 412

surface	ULSTR: B	33	T 17S	R 32E
		10	FNL	2150 FEL

BH Loc	ULSTR: O	28	T 17S	R 32E
		97	FSL	2166 FEL

	MD	N/S	E/W	VD
	3900	78.75	-7.07	3897.75
TOP PERFS/OH	3937	81.20	-7.86	3934.66
	4000	85.37	-9.21	3997.51
	4100	91.44	-11.20	4097.30
BOT PERFS/OH	4160	95.14	-12.17	4157.18
	4200	97.61	-12.82	4197.10

NEXT TO LAST	4200	97.61	-12.82	4197.10
LAST READING	4255	100.89	-13.89	4251.99
TD	4360	107.15	-15.93	4356.78

Surface Location	10	FN	2150	FE
Projected BHL	97	FS	2166	FE
Location of				
Top Perfs/OH	71	FS	2158	FE
Bottom Perfs/OH	85	FS	2162	FE

SUMMARY of Subsurface Locations

Surface Location	B-33-17S-32E	10	FN	2150	FE	Vert. Depth
Top Perfs/OH	O-28-17S-32E	71	FS	2158	FE	3934.66
Bottom Perfs/OH	O-28-17S-32E	85	FS	2162	FE	4157.18
Projected TD	O-28-17S-32E	97	FS	2166	FE	4356.78