

Results of Directional Survey

API number:	30-025-38055		
OGRID:		Operator:	CIMAREX ENERGY CO OF COLORADO
		Property:	NEW SHERIFF 10 FEDERAL COM # 1

surface

ULSTR:	P	10	T	20S	R	33E
		330	FSL	280	FEL	

BH Loc

ULSTR:	P	10	T	20S	R	33E
		705	FSL	707	FEL	

	MD	N/S	E/W	VD
	12050	380.84	-433.03	11990.74
TOP PERFS/OH	13382	376.84	-429.03	13322.74
	12060	380.81	-433.00	12000.74
	12050	380.84	-433.03	11990.74
BOT PERFS/OH	13497	376.50	-428.69	13437.74
	12060	380.81	-433.00	12000.74

NEXT TO LAST	12050	380.84	-433.03	11990.74
LAST READING	12060	380.81	-433.00	12000.74
TD	13940	375.17	-427.36	13880.74

Surface Location	330	FS	280	FE
Projected BHL	705	FS	707	FE
Location of				
Top Perfs/OH	707	FS	709	FE
Bottom Perfs/OH	707	FS	709	FE

SUMMARY of Subsurface Locations

Surface Location	P-10-20S-33E	330	FS	280	FE	Vert. Depth
Top Perfs/OH	P-10-20S-33E	707	FS	709	FE	13322.74
Bottom Perfs/OH	P-10-20S-33E	707	FS	709	FE	13437.74
Projected TD	P-10-20S-33E	705	FS	707	FE	13880.74