KANSAS DEPARTMENT OF TRANSPORTATION

Kansas Department of Transportation

RTE./CO.	56-Morris	SOUNDING NO.	CH-1	SHEET 1 of 2	
		PROJ. NO.	xxxx	BRIDGE NO.	
SITE NAME	US-56, KGS Core Holes				
GEOLOGIST	K. Halverson, G.A.	SCALE 1 inch = 5.0 feet		DATE	November 14, 2011
DRILLER	J. Burns	RIG TYPE	CME 55	TOP HOLE ELEV.	1500.0
GW ELEV.	N/A	TOTAL DEPTH	18.6	M/B ELEV.	1494.2

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
8" Hollow Augers	Soil Mantle			1500.0	Silty Clay, brown, moist, soft to firm				
NQ2 Diamond	Cresswell Limestone Mbr.		5.8	1494.2	Limestone, gray to brownish gray, porus, calcite on pores, very closely fractured, weathered, hard to very hard				
		1	6.9	1493.1	Shale, limy, tan, very closely fractured, hard, sandy				
		2	8.6	1491.4	Shale, tan, sandy, very closely fractured, poor bedding structure, occasional geode, @ 12.8 became porus				
		3	13.6	1486.4	Cresswell calcite filled vugs, small geodes, tan buff colored				
			18.6	1481.4	T.D. = 18.6				

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Core	Depth	Elev.	Cut	Rec	Rec %	RQD
1	6.0	1494.0	2.6	1.3	50	0%
2	8.6	1491.4	5.0	4.7	94	46%
3	13.6	1486.4	5.0	5.0	100	88%
Total	18.6	1481.4	12.6	11.0	87	53%

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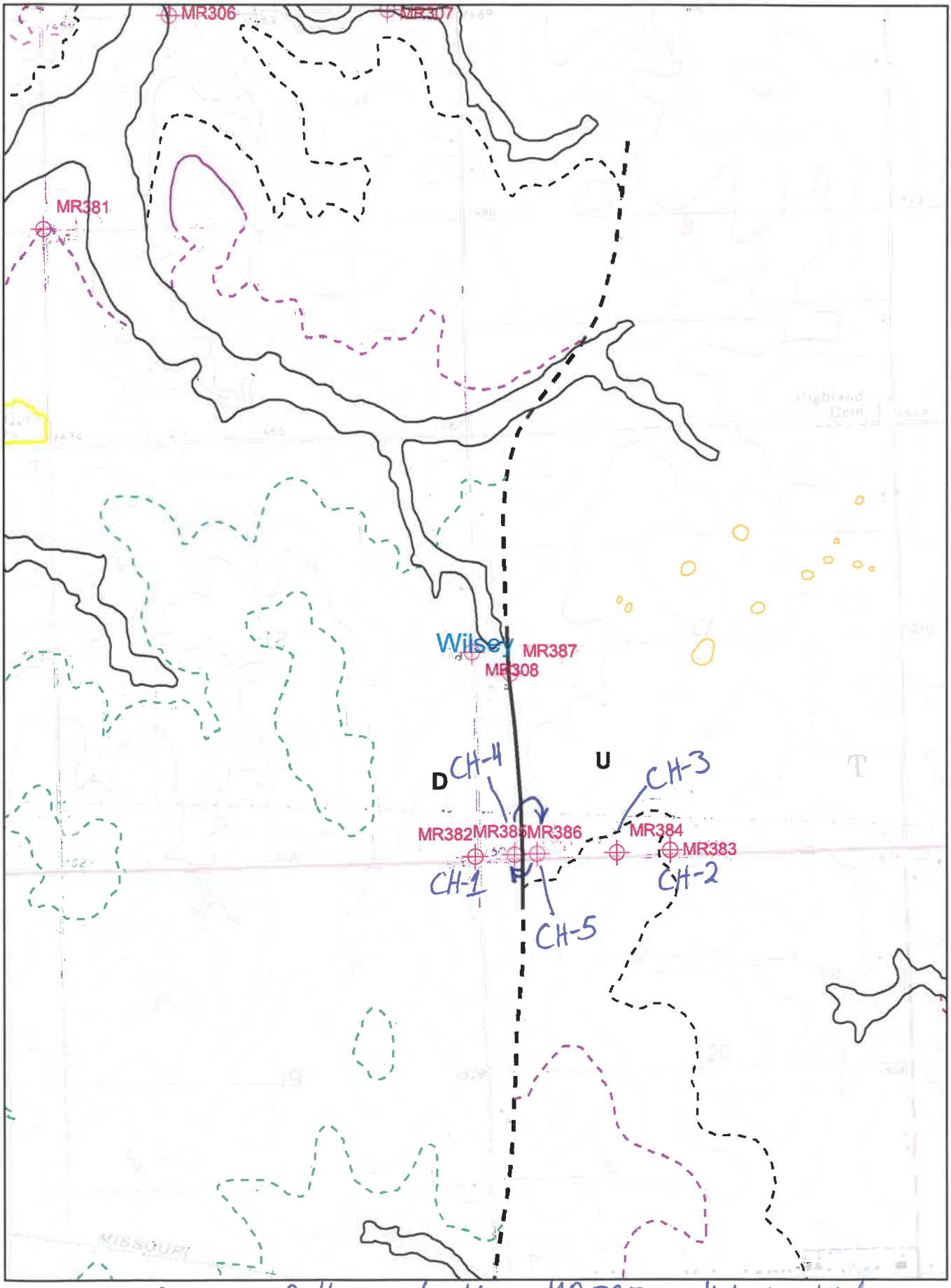

MR 386 is further west than MR 385, switched the labels