

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	126-Crawford	SOUNDING NO.	LNG CD-2	SHEET 1 of 3
BRIDGE STA.	330+61.5: $\pm$	PROJ. NO.	KA-2096-01	BRIDGE NO. 126-19-09.06(093)
SITE NAME	K-126 over Lightening Creek Overflow			HOLE STA. 330+14, 25.0' Lt of CL
GEOLOGIST	R. Ryan, P.G.	SCALE	1 inch = 5.0 feet	DATE June 13, 2012
DRILLER	J. Burns	RIG TYPE	CME 55	TOP HOLE ELEV. 877.86
GW ELEV.	N/A	TOTAL DEPTH	37.4	M/B ELEV. 862.16

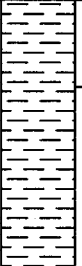
Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION	
8" Hollowstem Augers	Mantle			877.9	CLAY, dark grayish brown grayish brown, with some brown mottles, fill, shale chips at base					
				875						
NQ2 Diamond	Cabaniss Formation			870		1.76	128000		871.26	
				865		1.115	174000		866.06	
			15.7	862.2	BROKEN SHALE, weathered, platy, brown, soft	0.615	66600		862.16	
			1	860						
			18.9	859.0	SHALE, platy, medium gray, firm, slightly silty	120	241000		858.46	
			3	855		130	261000		853.56	
			4	852.5 852.2	SHALEY SANDSTONE, medium gray, limy cement, seam SHALE, platy, medium gray, with few scattered thin SS stringers					
			5	850		66	133000		849.06	

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RTE./CO.	126-Crawford	SOUNDING NO.	LNG CD-2	SHEET 2 of 3
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SITE NAME	K-126 over Lightening Creek Overflow			HOLE STA. 330+14, 25.0' Lt of CL

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NC2 Diamond	Cabaniss Formation		5 6	845	SHALE, platy, medium gray, with few scattered thin SS stringers	72	144000		841.16
			37.4	840.46	T.D. = 37.4				

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