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	DEPTH	LITHOLOGY	COLOR					BEDDING		EST. RICHNESS		CALCAR- OUSNESS		ACCE- SSORY		MISC.		REMARKS								
			TAN	GRAY	BROWN	GRY-BRN	BLACK	OTHER	LAM.	CONTOUR.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY		VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	BRECCIA
Core #1 Start core 82.0'- cut 16.7 Rec 15.4 Start numbering core from bottom	83.3	0:1 sh				X			X		X															Rubble
	84.9	0:1 sh				X			X		X															
	86.8	Tuff				X			X		X															
	86.9	0:1 sh				X			X		X															
	90.3	0:1 sh				X			X		X															
	90.5	0:1 sh				X			X		X															
	92.7	0:1 sh				X			X		X															
	94.2	0:1 sh				X			X		X															
	96.1	0:1 sh				X			X		X															
	96.9	Tuff	X						X		X															95.9-98.2 - wavy Tuff
96.5	Tuff	X						X		X																
98.2	0:1 sh				X			X		X																
98.7																										
Core #2 cut 9.8 Rec 9.8	98.7	0:1 sh				X			X		X															
	99	0:1 sh		X		X			X		X															
	100.4	0:1 sh				X			X		X															
	102.0	0:1 sh				X			X		X															
	110.2	0:1 sh				X			X		X															
	111.4	0:1 sh	X			X			X		X															
	112.4	0:1 sh	X			X			X		X															
	115	0:1 sh				X			X		X															
	117	0:1 sh				X			X		X															
	118	0:1 sh				X			X		X															
118.5																										
Core #3 cut 19.9 Rec 19.9	118.5	0:1 sh				X			X		X															
	122.8	0:1 sh				X			X		X															
	123.4	0:1 sh				X			X		X															
	125.2	0:1 sh				X			X		X															
	126	marls stone	X						X		X															
	128.5	0:1 sh	X						X		X															
	132.3	marls stone	X						X		X															
	138.4																									
Core #4 cut 19.9 Rec 19.9	138.4	marls stone	X						X		X															
	139.3	0:1 sh				X			X		X															
	140.1	0:1 sh		X					X		X															
	141.0	Tuff		X					X		X															
	141.1	0:1 sh				X			X		X															Minor bent off 1/2" 143
	143.9	0:1 sh				X			X		X															
	145.8	0:1 sh				X			X		X															
	146.9	0:1 sh				X			X		X															
	148.1	0:1 sh				X			X		X															
	148.3	Tuff				X			X		X															
	148.35	0:1 sh				X			X		X															
	149.0	marls stone	X						X		X															
	154.6	Tuff				X			X		X															
	155.0	marls stone	X						X		X															
158.3																										

OIL SHALE CORE DESCRIPTION

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	DEPTH	LITHOLOGY	COLOR					BEDDING		EST. RICHNESS		CALCAR- OUSNESS		ACCE- SSORY		MISC.		REMARKS								
			TAN	GRAY	BROWN	GRY-BRN	BLACK	OTHER	LAM.	CONTOUR.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	BRECCIA	
Core #5	158.3	o.i/sh	X	.					X			X														
158.3'	158.7	o.i/sh					X		X																	
174.1	159.7	o.i/sh	.		X		.		X				X													
Cut 158	161.0	o.i/sh	X						X				X													
Rec 15.8	162.3	o.i/sh	X						X				X													
	163.1	o.i/sh					X		X																	
	169.3	o.i/sh			X				X					X												
	169.6	o.i/sh	.		X				X					X												
Dropped	169.3	o.i/sh			X				X					X												
Lower	169.8	o.i/sh			X		X		X					X										X		
1.8'	171.1	Tuff			X				X					X												
Pick up in	171.3	o.i/sh			X				X					X												
Core #6	171.1																									
	17																									
Core #6	174.1	o.i/sh			X				X																	
Cut 18.0'	179.6	o.i/sh			X				X																	
Rec 18.0	177.6	o.i/sh			X				X																	
	178.5	o.i/sh			X				X																	
	178.4	o.i/sh			X				X																	
	180.2	o.i/sh			X		.		X																	
	182.5	o.i/sh			X				X																	
	189.9	o.i/sh			X				X																	
	186	o.i/sh	X						X				X													
	186.9	o.i/sh			X				X																	
	190.9	o.i/sh			X				X																	
	192.1																									
Core #7	192.1	o.i/sh			X				X																	
	193	o.i/sh			X				X																	
Cut 19.8	194.0	o.i/sh			X				X																	
Rec 19.8	197.9	o.i/sh			X				X																	
	198.9	o.i/sh			X				X																	
	199.8	marls/stone	X		X				X				X													
	202.7	o.i/sh	X						X																	
	204.3	Tuff			X																					
	204.8	marls/stone	X						X				X													
	205.7	Tuff	X																							
	205.75	o.i/sh			X				X																	
	206.1	marls/stone	X						X				X													
	206.4	o.i/sh			X				X																	
	210.4	marls/stone	X						X				X													
	211.9																									
Core #8	211.9	marls/stone	X						X																	
Cut 19.3	213.0	o.i/sh			X				X																	
Rec 19.3	213.7	o.i/sh			X				X																	
	219.2	Tuff			X				X																	
	215.8	o.i/sh			X				X																	
	216.1	o.i/sh			X				X																	
	218.1	marls/stone	X						X				X													
	229.0	marls/stone	X						X				X													
	228.6	Tuff			X				X																	
	228.7	marls/stone	X						X				X													
	231.2																									

GULF MINERAL RESOURCES CO.
WELL BONANZA 15
LOCATION _____

FRACTURE 171-173'

Some irregular tan tuff

dk brn

a few thin brn oil sh