

## 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.	CONTO.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY		PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	BRECCIA
Core #1 Cut 10.0 Rec 9.8	20.0	Marlstone	X						X			X														
	21.6	Tuff	X									X														
	22.1	Oil Sh	X						X			X														
	22.6	Oil Sh			X				X			X														
	23.2	Oil Sh			X				X			X														
	23.4	Marlstone	X						X			X														
	24.9	Oil Sh			X				X			X														
	25.5	Marlstone	X						X			X														
	27.1	Oil Sh			X				X			X														
	27.5	Tuff	X									X														
	28.9	Oil Sh			X				X					X												
	29.0	Marlstone	X						X			X														
	.8																									
Core #2 Cut 10.0 Rec 10.0	30.0	Marlstone	X						X			X														
	32.5	Tuff			X																					
	32.7	Marlstone	X						X			X														
	33.5	Bit Congl			X									X												
	33.9	Marlstone	X						X			X														
	35.6	Oil Sh		X					X			X														
	36.2	Marlstone	X						X			X														
	37.8	Oil Sh			X				X			X														
	38.4	Tuff			X							X														
	38.6	Oil Sh			X				X			X														
	38.8	Tuff			X				X			X														
	38.95	Marlstone	X						X			X														
	39.9	Tuff										X														
	40.0																									
Core #3 10.0- 50.0 Cut 20.0 Rec 19.8	40.0	Marlstone	X						X			X														
	46.3	Siltstone		X								X														
	46.7	Marlstone	X						X			X														
	47.7	Siltstone		X								X														
	47.9	Marlstone	X						X			X														
	48.8	Tuff	X						X			X														
	49.9	Tuff & Oil Sh		X					X			X														
	50.3	LS. oolitic	X						X			X														
	50.6	Oil Sh			X				X			X														
	50.9	Tuff	X						X			X														
	*	51.7	Tuff & Bit & Silt		X					X			X													
53.5		Siltstone		X								X														
54.2		Bit. Sandstone			X							X														
54.8		Bit. Sandstone			X							X														
59.8																										
Core #4 Cut 20.0 Rec 20.0	60.0	Bit. SS		X								X														
	63.7	SS		X								X														
	63.9	Bit SS			X							X														
	64.0	Sandstone		X								X														
	64.5	Bit SS			X							X														
	65.0	Sandstone		X								X														
	66.0	Bit. SS			X							X														
	69.8	Sh, Silt	X																							

GULF MINERAL RESOURCES CO.  
WELL BONANZA 10  
LOCATION \_\_\_\_\_

REMARKS

Lenticular Tuffs 1/8" thick

Spotted

a few thin bit oil sh streak

Thin bit oil sh, very oily,  
polished pebbles

Some green - a few thin bit

Wavy Tuff - Contorted  
interbedded oil sh & Tuff  
Tr yell oilVery Contorted  
56-150 Tuff and Bit. Siltstone  
Some bitumen lenses  
Some lenses of Siltstone

94 gr

Very Bit &amp; Rich

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Cove #4  
'Cont.'