

**PAGE**

GULF MINERAL RESOURCES CO  
WELL BRANZA 16  
LOCATION

	DEPTH	LITHOLOGY	COLOR					BEDDING	EST. RICHNESS			CALCAR- GINESS	ACCE- SSORY		MISC.	GULF MINERAL RESOURCES CO. WELL # 00029 / 16 LOCATION	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			TAN	GRAY	BROWN	GRY-BRN	BLACK		OTHER	LAM.	CONTORT.		OTHER	POOR				FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	SHEGGA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Core 1 Cut 20.0' Rec 20.0'	929	O.i/sh				X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

## OIL SHALE CORE DESCRIPTION

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DEPTH	LITHOLOGY	COLOR					BEDDING	EST. RICHNESS				CALCAR- DURESS	ACCE- SSORY			MISC.			REMARKS						
		TAN	GRAY	BROWN	GRY-GRN	BLACK		OTHER	LAM.	CONTOUR.	OTHER		POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY		VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS
528.9	0:1 sh			X			X						X												
529.1	0:1 sh			X			X						X												
529.8	0:1 sh			X			X						X												
529.5	0:1 sh			X			X						X												
529.9	0:1 sh			X			X						X												
529.3	0:1 sh			X			X						X												
532.1	0:1 sh			X			X						X												
532.6	0:1 sh	X		X			X						X												
536.1	0:1 sh	X		X			X						X												
537.1	0:1 sh	X					X						X												
537.3																									
537.3	2:1 sh			X			X						X												
537.9	0:1 sh	X		X			X						X												
542.0	0:1 sh			X			X						X												
543.4	0:1 sh			X			X						X												
544.5	0:1 sh			X			X						X												
547.8	0:1 sh	X		X			X						X												
553.1	0:1 sh			X			X						X												
554.0	mantle	X					X						X												
557.2																									

Core #6  
Cont.Core #7  
Core #199  
Core #199

Frac. 542-548