

OIL SHALE CORE DESCRIPTION

PAGE

GULF MINERAL RESOURCES CO.																										
WELL <u>Bonanza 2</u>																										
LOCATION <u>Sec 22 T12S R24</u>																										
REMARKS																										
	DEPTH	LITHOLOGY	COLOR					BEDDING		EST. RICHNESS		CALCAR- OUSNESS		ACCE- SSORY		MISC.										
			TAN	GRAY	BROWN	GRY-BRN	BLACK	OTHER	LAM.	CONTORT.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY		VERY	PYRITE	SALINE MIN.	CARBON	FOSSILS	VUGS	FRACT.	BRECCIA
#1	80	oil sh			X			X					X													born to dk brn sm spots
119.5	99.5																									
119.5																										
#2	99.5	oil sh			X			X					X													
109.5	109.5	"		X	X			X					X										X			Fracture at 106
110.5	110.5	"		X	X			X					X													
112	112	"		X	X			X					X													
117.5	117.5	"		X	X			X					X													Very Rich
119	119	"	X					X					X													
119.7	119.7	"						X																		
#3	119.7	oil sh	X					X					X													(125 M.M.)
120	123.5	"		X				X					X													
121.9	131	"		X				X					X													Rich Fract 132.5-133
135.5	135.5	"		X				X	X				X													Very Rich Cont 136.5
139.6	139.6																									
#4	139.7	oil sh		X				X					X													
150	151.4	oil sh			X			X					X													
151.8	154	oil sh		X				X	X				X													Cont 154-155
155	155	"			X			X					X													
159.5	159.5	"		X				X					X													
#5	159.7	oil sh			X			X					X													
162	162			X				X					X													
163	163				X			X					X													
165	165																									
#6	165	oil sh		X				X					X													
167.7	167.7	"	X					X					X										X			Fracture 169-170.5
174.5	174.5	Tuff		X									X													
184.6	184.6	oil sh		X				X					X										X			Fracture 183-185