

NW4 NE4 - 25 - 12 S - 24 E

OIL SHALE CORE DESCRIPTION

Twp. 21N 6660

PAGE 1 of 2

DEPTH	LITHOLOGY	COLOR					FRACTURE BEDDING	EST. RICHNESS	CALCAR- OUSNESS	ACCE- SSORY	MISC.	GULF MINERAL RESOURCES CO. WELL 32-34 LOCATION	REMARKS												
		TAN	GRAY	BROWN	GRY-BRN	BLACK								OTHER	LAM.	CON- FORT.	OTHER	POOR	FAIR	MOD.	RICH	SLIGHTLY	MODERATELY	VERY	PYRITE
Begin coring		0	+	40.0	0	+																			
40.0	os.				x			x			x														w/ thin v. lg band at base
41.6	os.		x					x			x														
53.5	os.				x			x			x														
54.2	os.			x				x			x														oil seep from fracture at 58.1
61.2	os.		x					x			x														
73.2	os.			x				x			x														
74.0	os.		x					x					x												sl. band at 74.9
77.2	os.			x				/x			/x														w/ 0.1' sl. bd. at 78.0
78.9	os.		x					x			x														
81.3	os.		x		/			x			x						x				x				pyrite and calcite filled vugs
87.2	buff				x					x															mahogany matrix
89.6	os.		x					x			x														
93.0	os.			x				x					x												thin carb. band at 93.63
96.6	buff			x						x															slightly soft, permeable
96.9	os.		x					x			x														w/ thin carb. band at 97.6
98.4	os.			x				x			/x														w/ thin carb. bands common
99.0	os.				x			y			x														micr crystals
104.0	os.			x				x					x												
104.0	os.		y		/			x			/x														
111.4	os.			x				x					x												c-filled small vugs
113.3	os.		x					x			x														
115.2	os.		y					x			/x														
117.4	os.		x		/			/x			x														
118.4	os.		x					y			/y														micr crystals
126.0	os.		x	/						x			x												vertical fracture 126.7
127.1	os.		x					x			x														
131.2	buff	x								x															
131.5	os.		x					x			/y														w/ thin carb. band at 134.25
134.8	buff			x						y															
134.9	os.		x					x			y										x				small vugs basal 0.2'
137.4	buff	/	x							x															variegated w/ act 4 thin beds
138.0	os.		x					x			/y														
140.5	os.		y					x			y														
142.9	os.		/y							x															c-filled matrix
143.0	os.		x					y			x														
149.1	buff	x								x															
149.2	os.		y					y			x														
149.3	buff	x								x															
149.4	os.		y					x			x														w/ a few thin dark gray bands
154.2	os.		x					x			x														
157.4	os.		y					y			/y														
162.7	alg. sh. m. s.		/		y					x						x									turbidite, variegated
163.3	os.		x					x			x														
165.2	bit ss.				x					x	x								x						
171.3	os.		x					y			x														
171.4	os.		y					x			x														v. hard, sandy grains
184.8	os.		x					y			x	/													c-stained turbidite
200.0	os.		y							x	x														
200.7	os.		x					y			x														
214.2	os.							y			x														thin ss. bands
217.0	bit. ss.				y					y	x														
217.0	os.		y					y			y														
217.0	os.				/	/				x	y									x					

OIL SHALE CORE DESCRIPTION

PAGE 2 of 2

[illegible]