

CORE DESCRIPTION

GETTY "1" STATE COM #1

Core #1	12,970' - 13,021'	Cut 51'	Recovered 50'
12,970 -	90.5'	(Shale)	Dark gray to black, silty carbaceous
12,990.5 -	93'	(Shale & Silt)	Shale, black, organic, silt dark gray; quartz becomes sand near base
12,993 -	95.3'	(Shale & Sand)	Shale, black, organic, sand, dark gray, quartz fine to medium grained; sand & shale beds are at low angle to core axis
12,995.3 - 13,001'		(Sand)	Lt. tan to buff, fine to medium grained, quartz, subrounded, moderate to well sorted massive, friable, siliceous cement; upper erosional contact that is contorted by compaction
13,001 -	02'	(Sand)	Lt tan to buff, medium to fine grained quartz, massive few scatter mica flakes
13,002 -	04.5'	(Sand)	Lt gray to buff, medium to fine grained, quartz, moderate to well sorted, occ. planar shale laminations
13,004.5 -	05'	(Sand)	As above with ripple drift structure
13,005 -	06'	(Sand)	Lt. gray, medium grained, moderate sorting, grain size increasing with depth; occ planar low angle shale lamination
13,006 -	08'	(Sand)	Lt. gray, medium to coarse grained, moderate to poor sorting, subangular quartz, siliceous cement; few 1 inch long fractures parallel to bedding
13,008 -	08.5'	(Sand)	Lt. gray, coarse to pebbles, quartz, subangular; possible imbricate structure at base; shale laminations wavy
13,008.5 -	10'	(Sand)	Lt gray, medium to coarse grained, possible low angle small scale planar cross bedding
13,010 -	12'	(Sand)	Lt gray, medium to fine grained, subrounded, horizontal shale lamination & few horizontal fractures; very high density of shale lamination at base
13,012 -	14'	(Sand)	Lt gray, fine grained at top, medium to coarse at base, few small fractures
13,014 -	16'	(Sand)	Lt gray, fine to medium grained, with thin shale lamination; near base cement becomes calcareous
13,016 -	18'	(Sand)	Lt gray, coarse at top, fine at base with many horizontal shale laminations
13,018 -	19.5'	(Sand & Shale)	Shale, black, organic, sand gray, fine grained
13,019.5 -	20'	(Shale)	Dark gray, siliceous

Core #2	13,150' - 13,195'	Cut 45'	Recovered 42'
13,150	- 51'	(Shale) Dark gray, organic	
13,151	- 53'	(Sand) Tan, fine grained quartz, subrounded, calcareous cement with many planar low angle shale laminations	
13,153	- 54'	(Sand) Tan, fine grained, massive quartz calcareous cement	
13,154	- 55.5'	(Shale) Dark gray with many thin sand laminations	
13,155.5	- 56'	(Silt & Shale) Dark gray, calcareous cement	
13,156	- 57'	(Sand) Tan, medium to coarse, quartz, sub-rounded, calcareous cement	
13,157	- 66.5'	(Shale) Dark gray, silty carboneous	
13,166.5	- 70'	(Shale & Sand) Shale dark gray, silty, carboneous, sand, gray; fine grained calcareous cement with possible load structure at contacts with shale	
13,170	- 72'	(Sand & Silt) Sand, gray, silty calcareous cement, silt, dark gray; shaly bedding is at low angle	
13,172	- 73'	(Sand) Tan, fine grained, massive calcareous cement	
13,173	- 75'	(Sand) Tan-buff, fine grained, medium angle, small scale planar cross-beds	
13,175	- 79'	(Sand & Shale) Sand, tan fine grained, calcareous cement, shale, dark gray silty; sand & shale are thin bedded	
13,179	- 84'	(Sand) Lt gray, medium to coarse grained, quartz, subrounded moderate sorting, calcareous cement; many shale laminations at top; sand grain size increases with depth; small fractures at base	
13,184	- 86'	(Shale & Sand) Shale, black silty, siliceous, sand, gray fine grained, calcareous cement	
13,186	- 87'	(Shale) Black, silty	
13,187	- 92'	(Sand) Lt tan, fine grained to medium grained, quartz calcareous cement mud clasts at base	
13,192	- 192.5'	(Shale) Dark gray, silty	

OIL CONSERVATION DIV.

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