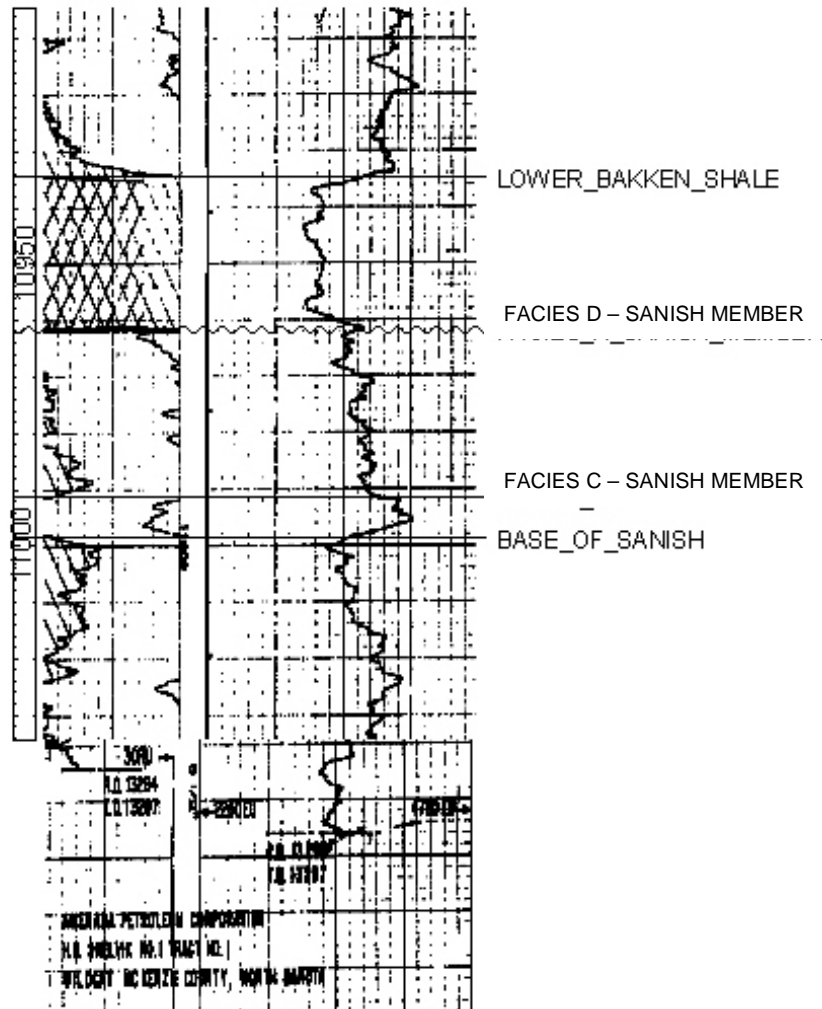


Appendix A.7 Core # 7 Jore Unit #1 (H H Shelvik 1) Core Descriptions 150N 97W Sec 35 Core to Log = -2.5'						
Depth (ft)	Composition	Primary Structures	Secondary Structures	Single Diagnostic Criteria	Additional Diagnostic Criteria	Facies
10,950' – 10,964.5'	Grayish black (N2) to dark black (N1) shale	Vague parallel- laminations, very thin, platy,				LBS
10,964.5' – 10,965'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-125μ, well- sorted, tightly packed	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, Scour surfaces, Energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x- bedding -Syneresis cracks	D
10,965' – 10,971'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well- sorted, tightly packed	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x- bedding -Syneresis cracks	D
10,971' – 10,972'	Light green to greenish gray slightly dolomitic shale (40%) very light gray silty dolomite (60%), 66-88μ, well- sorted, tightly packed	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x- bedding -Syneresis cracks	D
10,972' – 10,973'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well- sorted, tightly packed	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures		D
10,973' – 10,974'	Light green to greenish gray slightly dolomitic shale (80%) very light gray silty dolomite (20%), 66-88μ, well- sorted, tightly packed	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x- bedding -Syneresis cracks	D
10,974' – 10,975'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well- sorted, tightly	Parallel- laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x- bedding -Syneresis cracks	D

	packed					
10,975' – 10,976'	Light green to greenish gray slightly dolomitic shale (30%) very light gray silty dolomite (70%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,976' – 10,978'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,978' – 10,979'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD Grades into Facies A	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,979' – 10,980'	Light green to greenish gray slightly dolomitic shale (60%) very light gray silty dolomite (40%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,980' - 10,983'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,983' – 10,984'	Light green to greenish gray slightly dolomitic shale (40%) very light gray silty dolomite (60%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,984' – 10,985'	Light green to greenish gray slightly dolomitic shale (80%) very light gray silty dolomite (20%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,985' – 10,986'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features,	-Mud drapes -Uni- and bidirectional Reactivation surfaces	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D

	dolomite (80%), 66-88μ, well-sorted, tightly packed		brecciation	-Bottom sets -Flame structures		
10,986' – 10,987'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,987' – 10,988'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Mud cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,988' – 10,991'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation, Tee-pee structure	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,991' – 10,992'	Light green to greenish gray slightly dolomitic shale (90%) very light gray silty dolomite (10%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Bottom sets -Flame structures	-Flaser bedding -Syneresis cracks	D
10,992' – 10,998'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,998' – 10,999'	Light green to greenish gray slightly dolomitic shale (40%) very light gray silty dolomite (60%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
10,999' – 11,000'	Light green to greenish gray slightly dolomitic shale (50%) very light gray silty dolomite (50%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
11,000' – 11,001'	Light green to greenish gray	Parallel-laminations,	Desiccation cracks, scour	-Mud drapes -Uni- and	-Flaser bedding -Herringbone x-	D

	slightly dolomitic shale (40%) very light gray silty dolomite (60%), 66-88μ, well-sorted, tightly packed	cross-laminations, SSD	surfaces, energy decrease features, loading features, brecciation	bidirectional Reactivation surfaces -Bottom sets -Flame structures	bedding -Syneresis cracks	
11,001' – 11,002'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
11,002' – 11,003'	Light green to greenish gray slightly dolomitic shale (20%) very light gray silty dolomite (80%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D
11,003' – 11,005'	Light green to greenish gray slightly dolomitic shale (30%) very light gray silty dolomite (70%), 66-88μ, well-sorted, tightly packed	Parallel-laminations, cross-laminations, SSD	Desiccation cracks, scour surfaces, energy decrease features, loading features, brecciation	-Mud drapes -Uni- and bidirectional Reactivation surfaces -Bottom sets -Flame structures	-Flaser bedding -Herringbone x-bedding -Syneresis cracks	D



Described Cored Interval: 10,950' – 11,005'.