APPENDIX G-1

Core Description for Well A-10-26-80-07

VELL: PEX PCEJ CHARD DV-10-26 ORMATION: WABISKAW - MCMURRY					LOCATION: 10-26-80-7 WY CORE DEPTH: 314 - 392.5			
URMONT - 861					LOG DEPTH: 314 - 392.5			
DEPTH	GRAIN SIZE AND LITHOLOGY MG EG VE ST SH	FACIES	SEDIMENTARY .STRUCTURES	CONTACTS	POROSITY	SATURATION	COMMENTS	
10	1					Ì	Factes 1: Light gray, fissile shale with very thin siltstone streaks and parallel laminations. Deposition - shallow shelf.	
15 20	Kw Kw	1 2 3	₩ ₩ ₩ Glauconitic SS	G	N	N	Facies 2: Light gray, very slightly glauconitic siltstone with sparse very fine-grained sandston- lenses (possible burrow structures). Deposition - shallow shelf	
25 80	Kmem	4 5 6 7	- - - - - - - - - - - - - -	E	F	C S	Facies 3. Drab, light gray-green, massive, very fine to lower fine-grained glauconitic sandstone. This facies commonly fines upward into siltston	
5 10		/ 8 5	* 5 •	А	G	N G S C	Massive bedding is inferred to be complete bioturbation. Deposition - shallow shelf to lower shoreface	
5		6 7		G	/ .F	S P	Facies 4. Black, highly fissile shale that is commonly transitional at the base and gradational to sharp at the top of the facies. Deposition - shallow shelf	
50 55 50		8a 5 8a	98 98 98 98	Е	N	N	Facies 5. Black and light brown, very fine to upper fine-grained, massive to cross-stratifice bitumen-stained and saturated sandstone. Depending on overall thickness and interbeddee sediments, this facies was deposited in various types of tidal channels including sand wave, tid	
65		8b	* * *	E G		s	channel, and tidal creek environments. Facies 6 - Black to light gray, bitumen occluded and stained, very fine to fine-grained sandstone	
70 75 30		<u>.</u> 6/7	** ** ** ** **	A	G / F	C to N	with common burrow structures and ripple laminated heterolithic strata. Ripple laminations	
35 90		<u>8</u> b	• % 0X -9_0X	E	N	N	Facies 7. Gray, light brown, and black, very find to fine-grained sandstone that grades into slight inclined ripple laminated heterolithic strata that are moderately burrowed and bioturbated. Sandstone laminations are commonly oil-stainet	
93		8					or saturated. Wave ripples are common. Deposition was in tidal flat environments that were marginal to active tidal channels. These mixed flats were either farther from active channel systems or included abandonment phases of active channel deposition.	
	lined root structures, coal fice locally became fresh water sow where fresh water lenses persi Facies 8a - Dark gray, fissile a locally oil-stained. Faint paral lateral to shoreface and migra the top of the McMurray Forr Facies 8b - Light gray to gray structures and red siderite no distal tidal flat environments a mixed flats or fresh water man Facies 9. Gray to light brown,	ks, p amp sted nd b llel la ting natio dule: some some very y an	lant debris, and s. This facies cou (fresh water to b) uurrowed shale an aminations are co tidal channel syst on, capped this fa cky to slightly fiss S. Sand-filled bur distance from a nvironments. y fine to coarse-gr d commonly cut	thin of ld al racki nd sli ommo cems. cies i sile, s row ctive raine into	coal so ha sh m ghtly on. D In so ndict shale struc chan d sa	beds we f aarsh y silt epo ever ting , silt cture anel ndst	Durrow structures. This facies has carbonaceous- b. Deposition was in interfluve environments that ringed tidal flats and developed in coastal areas a environments). It shale. Burrow structures are sand-filled and sition was in bay environments that persisted al cores, inferred shoreface sandstones, near proximity to open marine environments. It shale, and sparsely sandy shale with burrow es are commonly oil stained. Deposition was in systems. These mud flat sediments graded into one. This facies was deposited as fluvial channels rlying Devonian beds. Porosity is commonly poo	