Visual kerogen and TAI data of select cuttings and core (1260' - 8130') from the Union Oil Company Tungak Creek No. 1 well

Received 8 December 1989

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State of Alaska Geologic Materials Center Data Report No. 147

WELL/SECTION:	Union Oil #1 Tugak Creek	SLIDES REC'D:	/ /	JOB NO.:	
	Western Arctic Slope	STARTED:	/ /	STUDIED FOR:	F. F. Weber, Jr
	Alaska	FINISHED:	Nov. / 27 / 89	STUDIED BY:	R. W. Harris, Jr

Table 1		TAI	TAI	TAI	Confidence Level (0-5)	Amorphous ①	Algal ②	③	Total Amorphous	Botryococcus	Tas./Leio./Tyth.	Dino./Acrit.	Other Aqueous	Total Struct. Aqueous	Biodeg. Terrestrial	Pollen/Spores	Non-Lignified Terr.	Lignified Terr.	Total Struct. Terrestrial	Inert	Indet. Fines	Resin	Fungi	Microforams	Pyrite	Minerals	Other	
SAMPLE NUMBER (EPR)	INTERVAL IN FT	TAI	TAI	TAI	Confidence Level (0-5)	Amorphous ①	Algal ②	③	Total Amorphous	Botryococcus	Tas./Leio./Tyth.	Dino./Acrit.	Other Aqueous	Total Struct. Aqueous	Biodeg. Terrestrial	Pollen/Spores	Non-Lignified Terr.	Lignified Terr.	Total Struct. Terrestrial	Inert	Indet. Fines	Resin	Fungi	Microforams	Pyrite	Minerals	Other	
116666-F	1260	2.3	1.8		10				10			R	5	5	15	4	10	56		R					R			Most dinos & algae have ylw FL; few have wh FL = ?contam. Poll/Spore FL = gold > ylw.
		(2.2/2.3)																										
		2.5	2.0																									
116721-C	3093	2.0	(2.4)		5				5			-	R	R	25	R	10	60		-					R			Gas
		2.3																										
116721-F	4625	1.8-2.0			7				7				5	5	25	2	13	45		3					R			Gas
		(2.3)	dominant																									
		4.8	very rare																									
116688-0	5730-5760	2.0			7				7				R	R	15	5	10	60		3					R			FL slightly darker. Gas
		(2.4)	rare																									
		2.3	dominant																									
116699-J	7140	2.4/2.5			7				7				R	R	15	5	5	60		8					R			Gas
		(2.4)																										
		2.0-2.3	rare																									
116710-B	8130	(2.4/2.5)			10				10				R	R	20	5	5	55		10					R			Gas
		2.3	dominant																									
		4.8	very rare																									
		3.0-3.2	very rare, Triassic, reworked?																									