

Visual kerogen and TAI data of select cuttings and core from the
Chevron USA Inc. Akulik No. 1 well

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Total of one page in report

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WELL/SECTION: Chevron #1 Akulik	SLIDES REC'D: / /	JOB NO.:
Arctic Slope, Alaska	STARTED: / /	STUDIED FOR: M. A. Abrams
	FINISHED: 7 / 7 / 89	STUDIED BY: R. W. Harris, J

TABLE 1

SAMPLE NUMBER	INTERVAL IN FEET	TAI	TAI	TAI	Confidence Level (0-5)	Amorphous	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	Circle TAI Value of Indigenous Population When Possible		
																															Fluor.
K111320-T	2,700	25	24			10							P		5	30	7	18	25	5	R			R						Fluor. = dk gold - weak orange on spores and pollen.	Ga
K111342-J	5,700	24	25			8									3	48	3	10	20	8	R			R							Ga
K111353-A	6,700	25				8						VR		VR	20	VR	9	55		8	R				R					Mud additive 30-35%. OMVS. poss. not representative.	Ga
K111353-0	8,110	27				10									15	3	10	57		5	R				R					Fluor. = v. rare, weak brown.	Ga
K111364-J	9,420	27				8						VR		VR	15	7	10	55		5											Ga
K111364-S	10,300	28	29			12									15	3	5	60		5										Mud additive 35-40%. No fluorescence.	Ga
K111375-J	11,500	29				10						VR		VR	15	5	5	57		8										Mud additive 25%.	Gas > Oi
K111386-H	13,300	32	33			35						VR		VR	15	R	5	30		15					C	R			Mud additive 80%. OM poss. not representative.	Gas > Oi	
K111397-A	14,600	33	34			20						VR		VR	3	20	5	7	30		15				R						Gas > Oi

* Biodegraded terrestrial includes terrestrial amorphous.
 Weak fluorescence in all samples is in accord with poor preservation (oxidation?) of OM.
 Mud additive fluoresces bright off-white and moderate gold.