MacCALLUM CREEK
9393 CR - Pm (150'+)
1 G (Sh)
94.9 (G)
VIS (G)
(5)

COAL CREEK
9393 CR-Pm
(100'+)
1 F (Sh)
91.8 (G)
VIS (G)
(6)

FAIRBANKS MERIDIAN

EAST BOUNDARY FAIRBANKS MERIDIAN

COPPER RIVER MERIDIAN

WEST BOUNDARY

NORTH BOUNDARY SEWARD MERIAN

SOUTH BOUNDARY

NORTH BOUNDARY FAIRBANKS

COPPER RIVER MERIDIAN

SEWARD MERIDIAN

EAST BOUNDARY

WEST BOUNDARY

EXPLANATION

WELL SAMPLES — AMOCO MOOSE CK. — **OUTCROP SAMPLES** — NAME — SNIDER PEAK

GENERAL SOURCE ROCK DATA

ALEDO/60 Kx 1000 – WELL NAME-FIELD PARTY-AMOCO PAN AM PA [1]/60 Kx 1000
AM UNION YEAR FORMATION THICKNESS

- OIL ODOR POSSIBLE OIL STAIN
- OIL RECOVERY OIL SEEP AND OIL STAIN
- GAS RECOVERY GAS SEEP

FORMAL SOURCE ROCK ANALYSIS

9393 CR Kx 500 — TECH SERVICE NO. FORMATION — 9393 CR Kx 500
TOTAL THICKNESS

- ONLY GEN CAP DATA
- POTENTIAL GAS
- POTENTIAL OIL
- EFFECTIVE GAS
- EFFECTIVE OIL
- EFFECTIVE WET GAS (W)
- EFFECTIVE GAS & OIL
- NON SOURCE (N)
- EXPENDED (E)

2 FG-Sh — NO. OF SAMPLES AND GEN CAP RATING RNG WITH — 2 FG-Sh

172 1-81 5 O.G — ELEMENTAL ANALYSIS CARBONIZATION-PERCENT AND HYDRO CARBON TYPE — 172 1-81 5 O.G

VISUAL DETERMINATIONS

VIS O.G — KEROGEN TYPE — VIS O.G
(6-7 — CARBONIZATION SCALE — 6-7

[1] CARBON LOW OXYGEN HIGH DUE TO OXIDATION AND OR INCOMPLETE PURIFICATION OF KEROGEN SAMPLES WEATHER OXIDATION OFTEN REDUCES ORGANIC CARBON EXTRACT QUANTITIES, INTERFERES WITH ELEMENTAL ANALYSIS AND CHANGES KEROGEN APPEARANCES.

[1] X U B-294C DATA FROM UNION-OHIO GEOLOGICAL REPT. COPPER RIVER BASIN 1958 OBTAINED VIA PURCHASE OF HONOLULU OIL CO.

MODIFIED 4-12-76 AFTER RESEARCH DEPT REPT. T-74-C-12 F.JOHNSON 12-19-74

DIAGENESIS RANK	FIXED CARBON	R_o	CARVE		HYDROCARBON GENERATION (G)	WEIGHT CARBON	HYDROCARBON GENERATION (G)
FRESH ORGANIC MATTER		00					
PEAT			1	PRE GENERATION	PRE GENERATION		
LIGNITE			2				
SUB BITUMINOUS			3	EARLY GENERATION	EARLY GENERATION		
HIGH VOLATILE BITUMINOUS	C		4	PEAK GENERATION	EARLY PEAK GENERATION		
	B		5				
	A		6	PAST PEAK	PEAK GENERATION		
MEDIUM VOLATILE BITUMINOUS							
LOW VOLATILE BITUMINOUS			7	GENERATION	PAST PEAK GENERATION		
SEMI ANTHRACITE							
ANTHRACITE							
META ANTHRACITE							

COAL RANK (ASTM)

AMOCO

CF 76092

Amoco Production Company
Denver Division
NORTHWEST DISTRICT
GEOLOGIC REPORT No. 175

GEOLOGY OF THE COPPER RIVER BASIN AREA ALASKA

SOURCE ROCK EVALUATION MAP

PERMIAN MANKOMEN FORMATION

By: J.D.POWELL — Date: SEPT. 1976

Scale: 1"=32,000' — Encl. No. 13

13.