EXPLANATION

WELL SAMPLES — **OUTCROP SAMPLES**

AMOCO MOOSE CK. —— NAME —— SNIDER PEAK

GENERAL SOURCE ROCK DATA

ALEDO 60 Ka-1000' — WELL NAME-FIELD PARTY-AMOCO, PAN-AM, PA.U[1] 60 Ka-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

9393CR-Ka-500' — TECH. SERVICE NO. FORMATION (TOTAL THICKNESS) — 9393CR-Ka-500'

- ONLY GEN. CAP. DATA
- POTENTIAL GAS
- POTENTIAL OIL
- EFFECTIVE GAS
- EFFECTIVE OIL
- EFFECTIVE WET GAS
- EFFECTIVE GAS & OIL
- NON SOURCE
- EXPENDED

2 F6/Sh — NO. OF SAMPLES AND GEN. CAP. RATING RNG. (11TH) — 2 F6/Sh

72.1-81.5 O.6 — ELEMENTAL ANALYSIS, CARBONIZATION PERCENT AND HYDRO/CARBON TYPE — 72.1-81.5 O.6

VISUAL DETERMINATIONS

VIS O.6 — KEROGEN TYPE — VIS O.6

6-7 — CARBONIZATION SCALE — 6-7

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. F-74-C-12 F. JOHNSON 12-19-74

DIAGENESIS RANK	FIELD CARBON	R_o	CARVER C. I.	HYDROCARBON GENERATION ZONE	WEIGHT CARBON	HYDROCARBON GENERATION ZONE
FRESH ORGANIC MATTER						
PEAT						
LIGNITE						
SUB BITUMINOUS C			1	PRE-GENERATION		PRE-GENERATION
HIGH VOLATILE B			2			
HIGH VOLATILE A			3	EARLY GENERATION		EARLY GENERATION
MEDIUM VOLATILE BITUMINOUS			4	PEAK GENERATION		EARLY PEAK GENERATION
LOW VOLATILE BITUMINOUS			5			
SEMI-ANTHRACITE			6	PAST PEAK GENERATION		PEAK GENERATION
ANTHRACITE			7			PAST PEAK GENERATION
META ANTHRACITE						

COAL RANK (ASTM)

INCLUDES: NAKNEK (Jn), ROOT GLACIER (Jr), AND CHINITNA (Jc) FORMATIONS.

Amoco Production Company
Denver Division
NORTHWEST DISTRICT

GEOLOGIC REPORT No. 175

GEOLOGY OF THE COPPER RIVER BASIN AREA ALASKA

SOURCE ROCK EVALUATION MAP

UPPER JURASSIC

By: J.D. POWELL — CF76 — Date: SEPT. 1976

Scale: 1"=32,000' — Encl. No. 10

10.