U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY
COLORADO PLATEAU AREA, UNITED STATES

TRACE ELEMENTS MEMORANDUM REPORT 397

U.S. GEOLOGICAL SURVEY DENVER
JUL 12 1983
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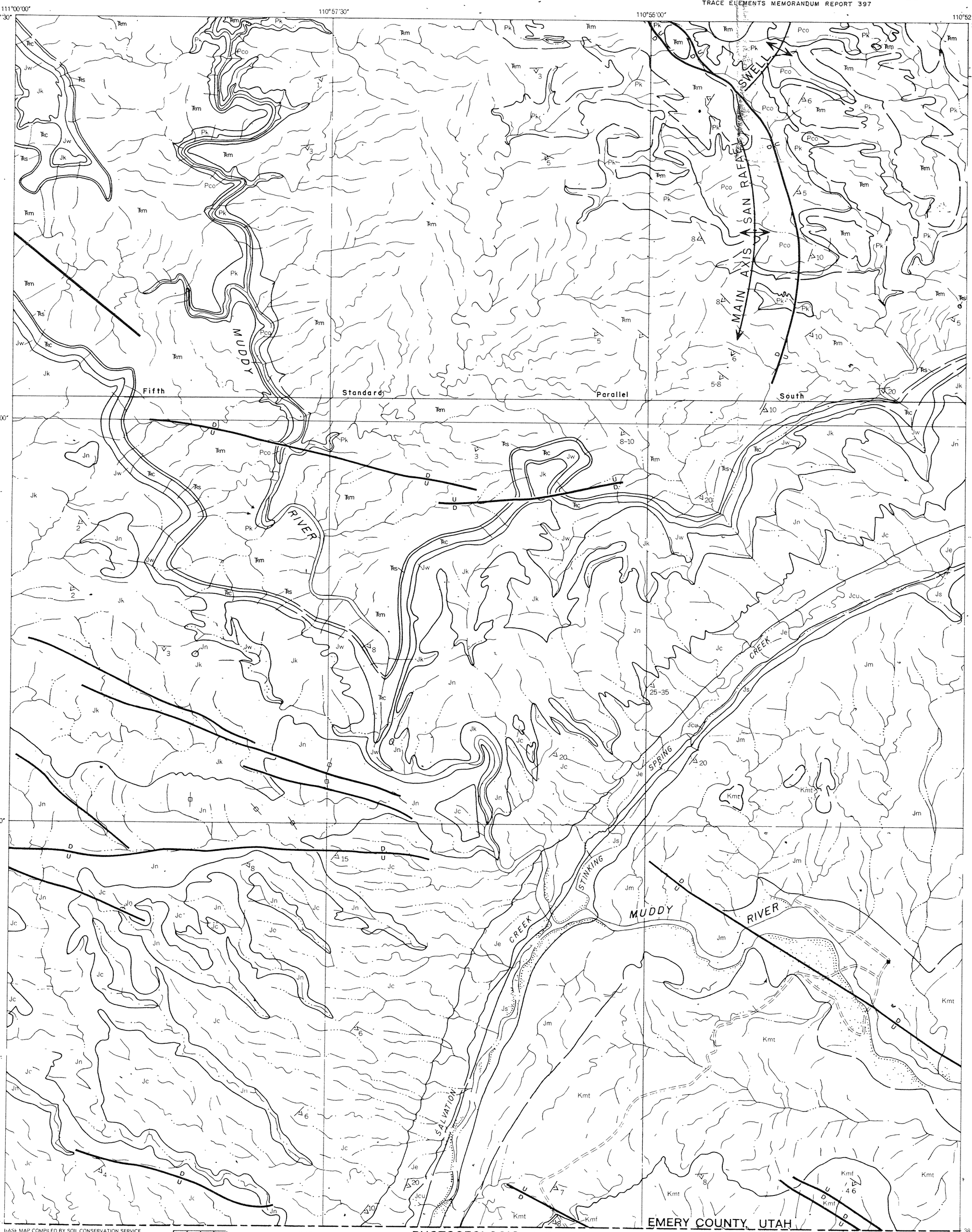

EXPLANATION

Upper	Kmf, Kmt	Mancos shale, Ferron sandstone member, Kmf; Tununk shale member, Kmt	CRETACEOUS
Upper	Jm	Morrison formation	JURASSIC
Upper	Js	Summerville formation	JURASSIC
Upper	Jcu	Curtis formation	JURASSIC
Middle and Upper	Je	Entrada formation	JURASSIC
Middle and Upper	Jc	Carmel formation	JURASSIC
	Jn	Navajo sandstone	JURASSIC (?)
	Jk	Kayenta formation	JURASSIC (?)
	Jw	Wingate sandstone	JURASSIC (?)
Upper	Rc	Chinle formation	TRIASSIC
Upper	Rs	Shinarump conglomerate	TRIASSIC
Lower	Rm	Moenkopi formation	TRIASSIC
	Pk	Kaibab limestone	PERMIAN
	Pco	Coconino sandstone	PERMIAN

Contact
(Can be accurately located within 30 feet horizontally)

Contact
(Can be approximately located within 30 to 200 feet horizontally)

Fault
(Dashed where approximately located)

High-angle fault
(U, upthrown side; D, downthrown side)

Anticline
Showing trace of axial plane and direction of plunge
(Dashed where approximately located)

Strike and dip of beds
(Based on photo-interpretation)

Strike of approximately vertical joint system
(Based on photo-interpretation)

Secondary road

County boundary

Note: In the areas of Stinking Spring Creek quadrangles 11, 12, 13, and 14, four units of the Moenkopi formation are recognizable on the aerial photographs. However, the Moenkopi formation is here mapped as a single formation.

Stratigraphic column modified from U. S. Geological Survey Oil and Gas Inv. Map OM 131 and Bull. 806.

BASE MAP COMPILED BY SOIL CONSERVATION SERVICE
U. S. DEPT. OF AGRICULTURE

MAY 1952

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

STINKING SPRING CREEK QUADRANGLE

15°30'
TRUE NORTH

PHOTOGEOLOGIC MAP
STINKING SPRING CREEK-13
EMERY COUNTY, UTAH

PHOTOGEOLOGY BY C.E. BATES

SCALE 1:24,000

0 1 MILE

EMERY COUNTY, UTAH