

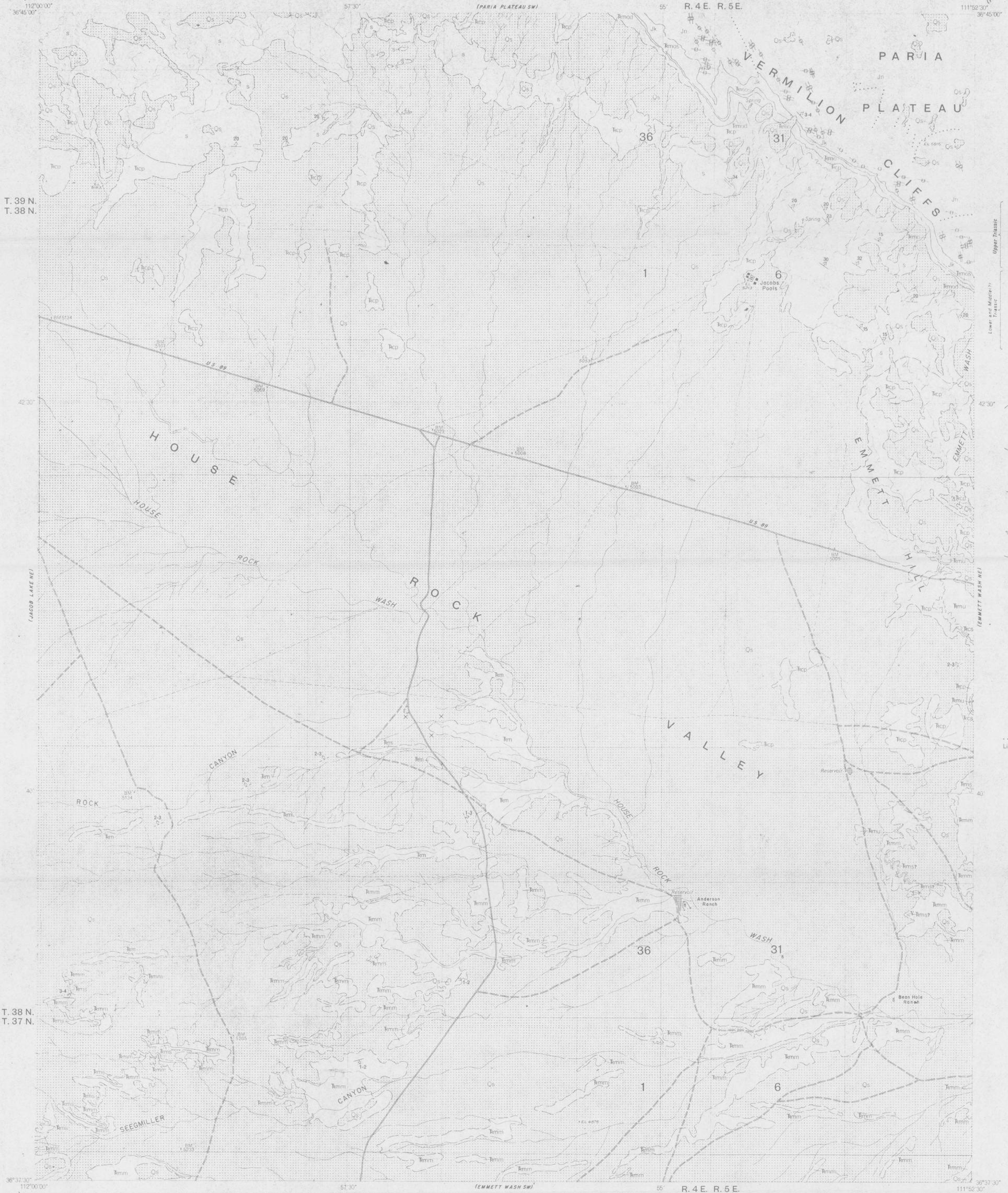
U.S. GEOLOGICAL SURVEY
DENVER
AUG 18 1986
LIBRARY
GEOLOGIC DIVISION

Denver copy
11/19/79
(002) cm

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
U. S. ATOMIC ENERGY COMMISSION

TRACE ELEMENTS MEMORANDUM REPORT 955



EXPLANATION

- Surficial deposits
- Navajo sandstone
- Kayenta formation
- Moenave formation, Tmo;
Springdale sandstone member, Tmos;
Dinosaur Canyon sandstone member, Tmod
- Chinle formation
Petrified Forest member, Rcp;
Shinarump member, Rcs(?)
- Moenkopi formation, Rm;
Upper red member, Rmu;
Shinarump member, Rms;
Middle red member, Rmm
- Slump blocks of Triassic rocks
- Contact
Can be located within 30 feet horizontally
- Contact
Can be located within 30 to 200 feet horizontally
- Contact
Cannot be located accurately; probable error greater than 200 feet horizontally
- Probable contact
- Resistant bed within a formation
May be traceable only locally
- Strike and dip of beds
Computed by photogrammetric methods
- Approximate strike and dip of beds
Based on photointerpretation
- Inferred strike and dip of beds
Based on photointerpretation of areas where bedding is obscure
- Strike of approximately vertical joints
Based on photointerpretation
- Linear feature uninterpretable on photograph
May be geologically significant
- Open cut
- Windmill
- Primary road
- Secondary road
- Trail
- Fence

TRIASSIC QUATERNARY

T. 39 N.
T. 38 N.

T. 38 N.
T. 37 N.

Base map modified from U. S. Geological Survey preliminary topographic map, Emmett Wash NW quadrangle, Arizona.
The aerial photographs used for photogeologic interpretation were taken in September and October 1955.
Roads as classified in this map series are as follows:
Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable possibly by two-wheel-drive vehicles; trails are not traversable by four-wheel-drive vehicles except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.

EMMETT WASH
15-MINUTE QUADRANGLE

PHOTOLOGICAL MAP
OF THE
EMMETT WASH NW QUADRANGLE
COCONINO COUNTY, ARIZONA

By
J. P. Minard
Scale 1:24,000



February 1956

R. 4 E. R. 5 E.
This preliminary report is distributed without editorial and technical review for conformity with official standards and nomenclature. It is not for public inspection or quotation.

Stratigraphic column for this area modified from Am. Assoc. Petroleum Geologists Bull., v. 39, pp. 2515-2524, 1955; Geol. Soc. America Mem. 61, 1954; and Carnegie Inst. Washington Pub. 492, 1938. Geographic field data from U. S. Geol. Survey preliminary topographic map, Emmett Wash NW quadrangle, Ariz.

This map has been compiled mainly from photogeologic data but has not been checked in the field.