Surface — MOGOLLON RIM
FT. APACHE IND.
RESERVATION

SW.

Subsurface — MOGOLLON SLOPE

Surface — DEFIANCE PLATEAU

NE.

1 — 2 (8 miles) — 3 (9 miles) — 4 (21 miles) — 5 (16 miles) — 6 (28 miles) — 7 (17 miles) — 8 (10 miles) — 9 (16 miles) — 10 (9 miles) — 11 (5 miles) — 12 (5 miles) — 13 (44 miles) — 14

Cretaceous strata

Triassic strata

KAIBAB FORMATION

COCONINO SANDSTONE

GLORIETA AND BLACK CR. SANDSTONE

WHITE HOUSE MEMBER

DE CHELLY SANDSTONE

OAK SPRINGS MEMBER

HUNTERS POINT MEMBER

Yeso of Baars

Top of FORT APACHE

Approx. subsurface position of De Chelly ss of Baars

Approx. subsurface position of Ft. Apache Limestone of Baars.

Evaporite Sequence

EVAPORITES

PRINCIPAL

Potash

Potash

Dolomite Marker

Intebedded carbonates, minor evaporites and red bed.

MEMBER

Red beds: siltstones and sandstones.

?

Chocolate brown claystones conspicuous. May be Pennsylvanian in age.

?

First light colored Ls

DEFIANCE POSITIVE

projections tentative

Rocks

(Metamorphic and Igneous)

Erosional Mississippian unconformity

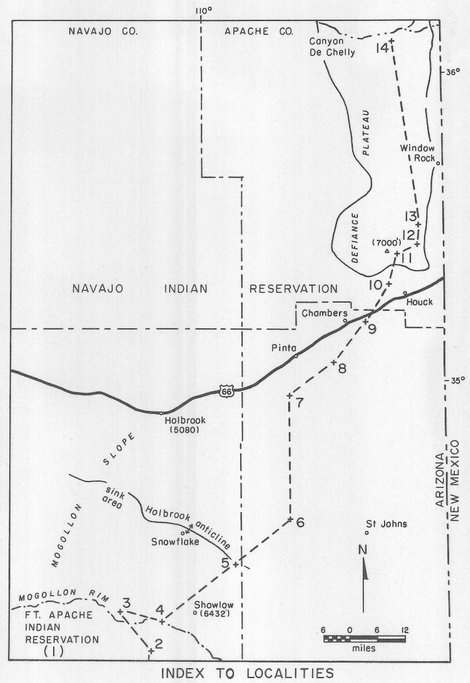
strata below Naco Fm.

Devonian strata

Precambrian

Position De Chelly ss of Baars in "Rim"			
Interval "A" of McKee	Interval "B" of McKee	Interval "C" of McKee	
M. SUPAI-H&D*	U. SUPAI of H. & D.*		
PERM. SUPAI Fm. of WINTERS			
AMOS WASH Mb.	BIG A BUTTE Mb.	F.A. CORDUROY Mb.	
PENN. NACO Fm. of WINTERS	L. SUPAI-H.&D.*	NACO Fm. of H. & D.*	

* HUDDLE AND DOBROVOLNY



INDEX TO LOCALITIES

LOCATIONS

1. Composite of Ft. Apache Ind. Reservation - Winters.
2. Mogollon Rim — Peirce.
3. Tenneco No. 1 Fed.
4. Tenneco No. 1-X Ft. Apache.
5. Pan Am. New Mex. & Ariz. B-1.
6. Pan Am. New Mex. & Ariz. No. 1A.
7. Kerr — McGee No. 1 Hortenstein.
8. Eastern Pet. No. 3 Santa Fe
9. Brown No. 2 Chambers — Sanders.
10. Water Well Near Houck.
11. Pine Springs Section — Peirce.
12. Black Creek Section — Peirce; Read & Wanek.
13. Oak Springs Cliffs — Section — Peirce.
14. Canyon De Chelly — Section — Peirce; McKee.

600
400
200
0
Vert. Scale (Feet)

Sub surface correlation of Permian strata—Mogollon Rim to Defiance Plateau