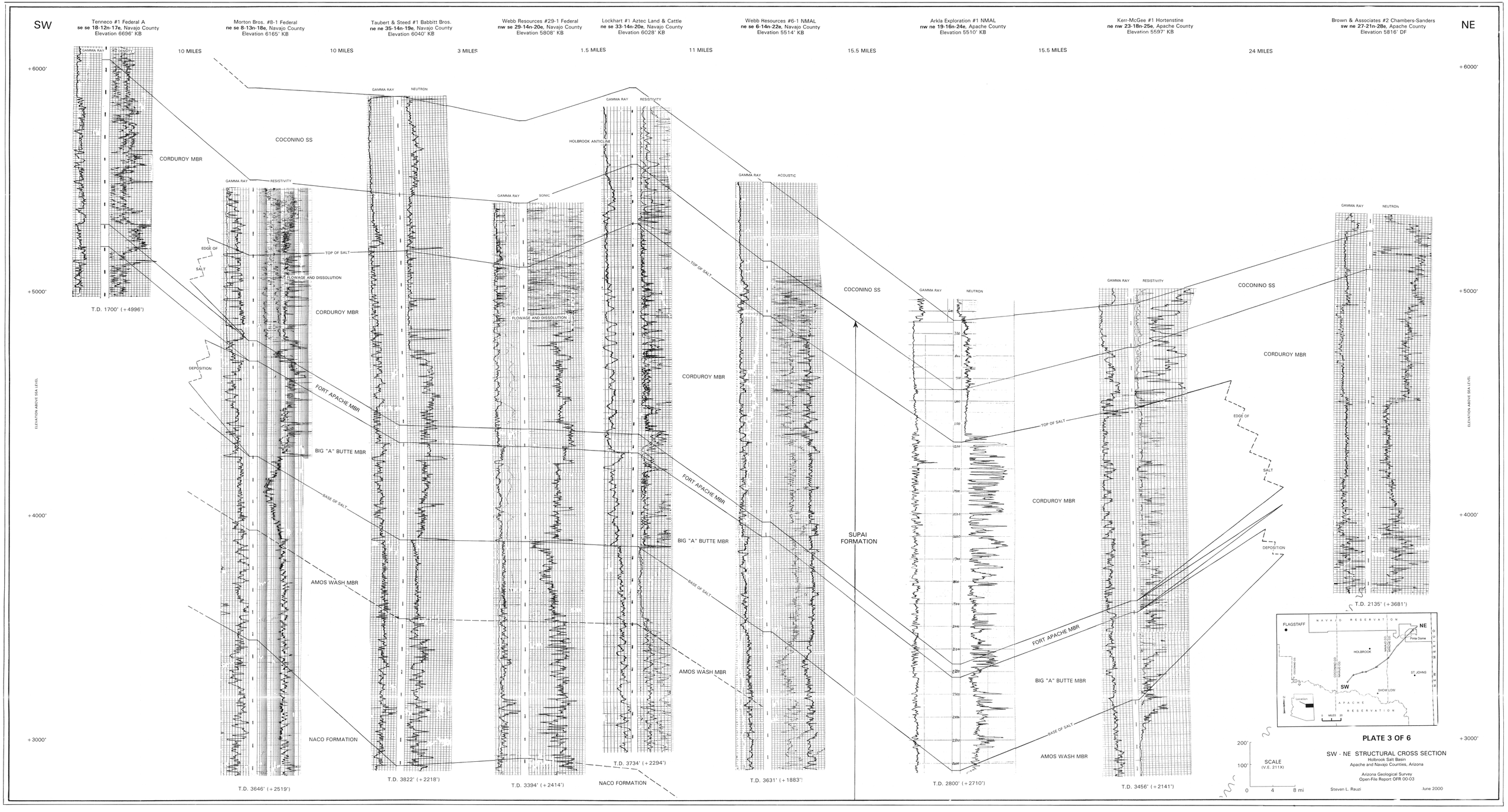
SW
NE
Tenneco #1 Federal A
se se 18-12n-17e, Navajo County
Elevation 6696' KB
Morton Bros. #8-1 Federal
ne se 8-13n-18e, Navajo County
Elevation 6165' KB
Taubert & Steed #1 Babbitt Bros.
ne ne 35-14n-19e, Navajo County
Elevation 6040' KB
Webb Resources #29-1 Federal
nw se 29-14n-20e, Navajo County
Elevation 5808' KB
Lockhart #1 Aztec Land & Cattle
ne se 33-14n-20e, Navajo County
Elevation 6028' KB
Webb Resources #6-1 NMAL
ne se 6-14n-22e, Navajo County
Elevation 5514' KB
Arkla Exploration #1 NMAL
nw ne 19-16n-24e, Apache County
Elevation 5510' KB
Kerr-McGee #1 Hortenstine
ne nw 23-18n-25e, Apache County
Elevation 5597' KB
Brown & Associates #2 Chambers-Sanders
sw ne 27-21n-28e, Apache County
Elevation 5816' DF
10 MILES
10 MILES
3 MILES
1.5 MILES
11 MILES
15.5 MILES
15.5 MILES
24 MILES
+6000'
+5000'
+4000'
+3000'
ELEVATION ABOVE SEA LEVEL
GAMMA RAY
DENSITY
NEUTRON
RESISTIVITY
SONIC
ACOUSTIC
COCONINO SS
CORDUROY MBR
HOLBROOK ANTICLINE
EDGE OF SALT
TOP OF SALT
FLOWAGE AND DISSOLUTION
DEPOSITION
FORT APACHE MBR
BIG "A" BUTTE MBR
BASE OF SALT
AMOS WASH MBR
NACO FORMATION
SUPAI FORMATION
T.D. 1700' (+4996')
T.D. 3646' (+2519')
T.D. 3822' (+2218')
T.D. 3394' (+2414')
T.D. 3734' (+2294')
T.D. 3631' (+1883')
T.D. 2800' (+2710')
T.D. 3456' (+2141')
T.D. 2135' (+3681')
FLAGSTAFF
NAVAJO RESERVATION
NE
Pinta Dome
HOLBROOK
NAVAJO CO.
APACHE CO.
COCONINO CO.
MOHAVE CO.
ST. JOHNS
SW
SHOW LOW
APACHE RESERVATION
Location
0 MILES 20
200'
100'
SCALE
(V.E. 211X)
0
4
8 mi
PLATE 3 OF 6
SW - NE STRUCTURAL CROSS SECTION
Holbrook Salt Basin
Apache and Navajo Counties, Arizona
Arizona Geological Survey
Open-File Report OFR 00-03
Steven L. Rauzi
June 2000