

A

A'

B

B'

ENFIELD
WEST INDIAN BASIN NO. 3
J-8-21S-23E

SANTA FE
INDIAN BASIN FED. NO. 1
P-8-21S-23E

MARATHON
NORTH INDIAN BASIN UNIT NO. 8
N-9-21S-23E

MARATHON
NORTH INDIAN BASIN UNIT
GAS COM NO. 6
J-4-21S-23E

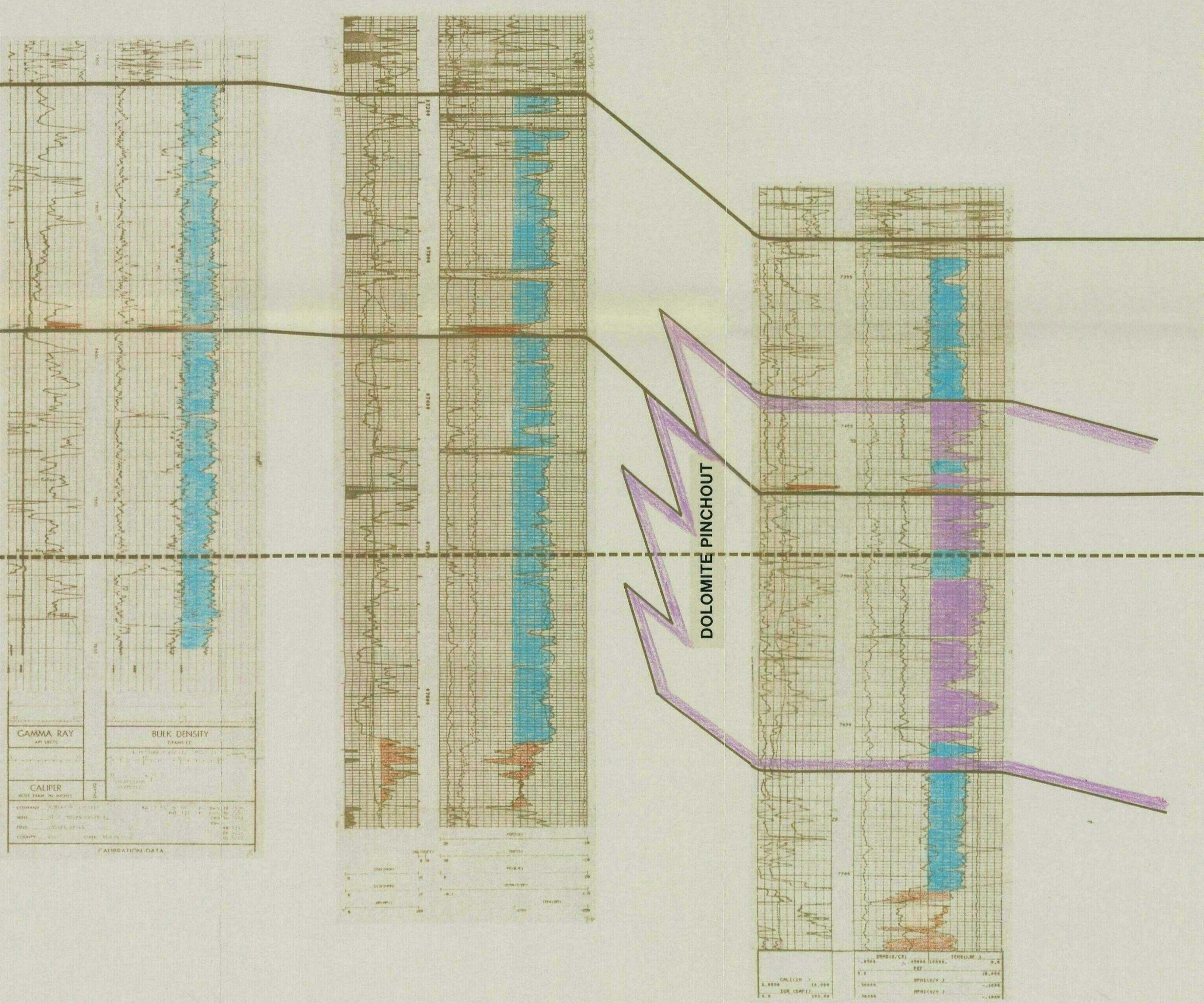
MARATHON
WEST INDIAN BASIN UNIT NO. 3
K-3-21S-23E

PROPOSED WELL
MARATHON
NIBU 34
P-4-21S-23E

UPPER PENN
CISCO

CANYON

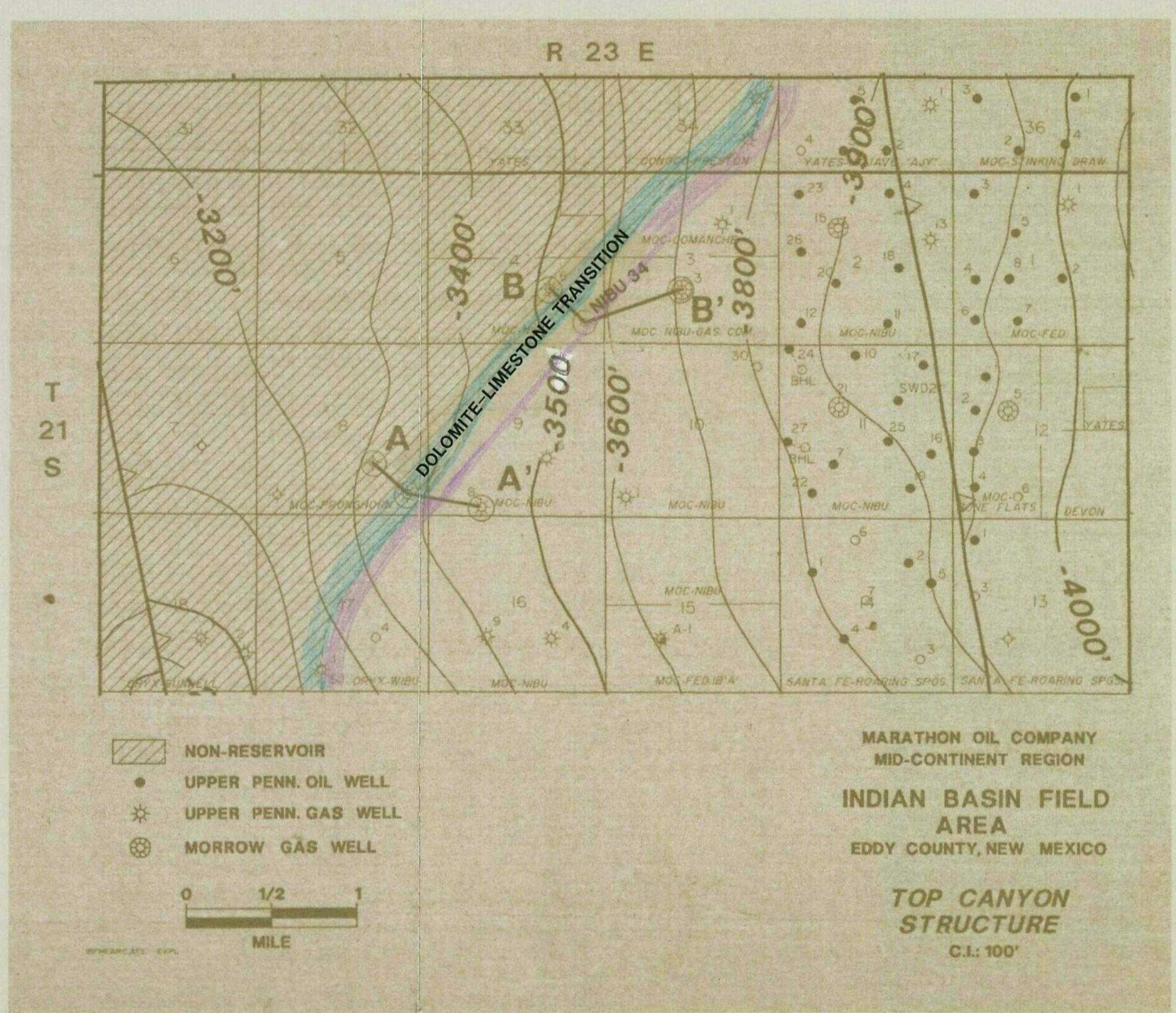
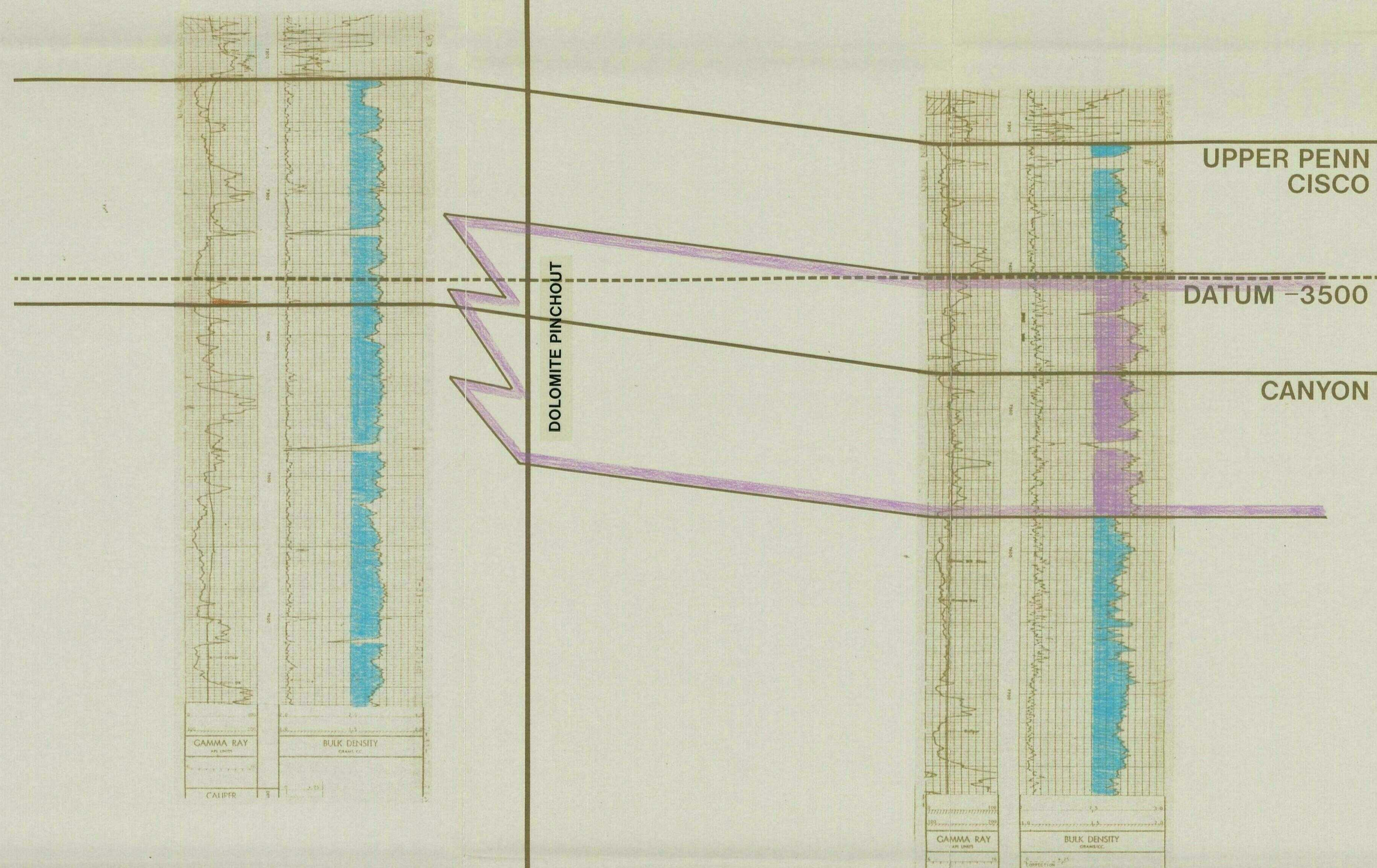
DATUM -3500



UPPER PENN
CISCO

DATUM -3500

CANYON



LIMESTONE

DOLOMITE

MARATHON OIL COMPANY
MID-CONTINENT REGION

INDIAN BASIN
EDDY COUNTY, NEW MEXICO

NIBU 34 UPPER PENN UNORTHODOX LOCATION

STRUCTURAL
CROSS SECTIONS
A-A' B-B'

D.M. COX DATE: 12/96