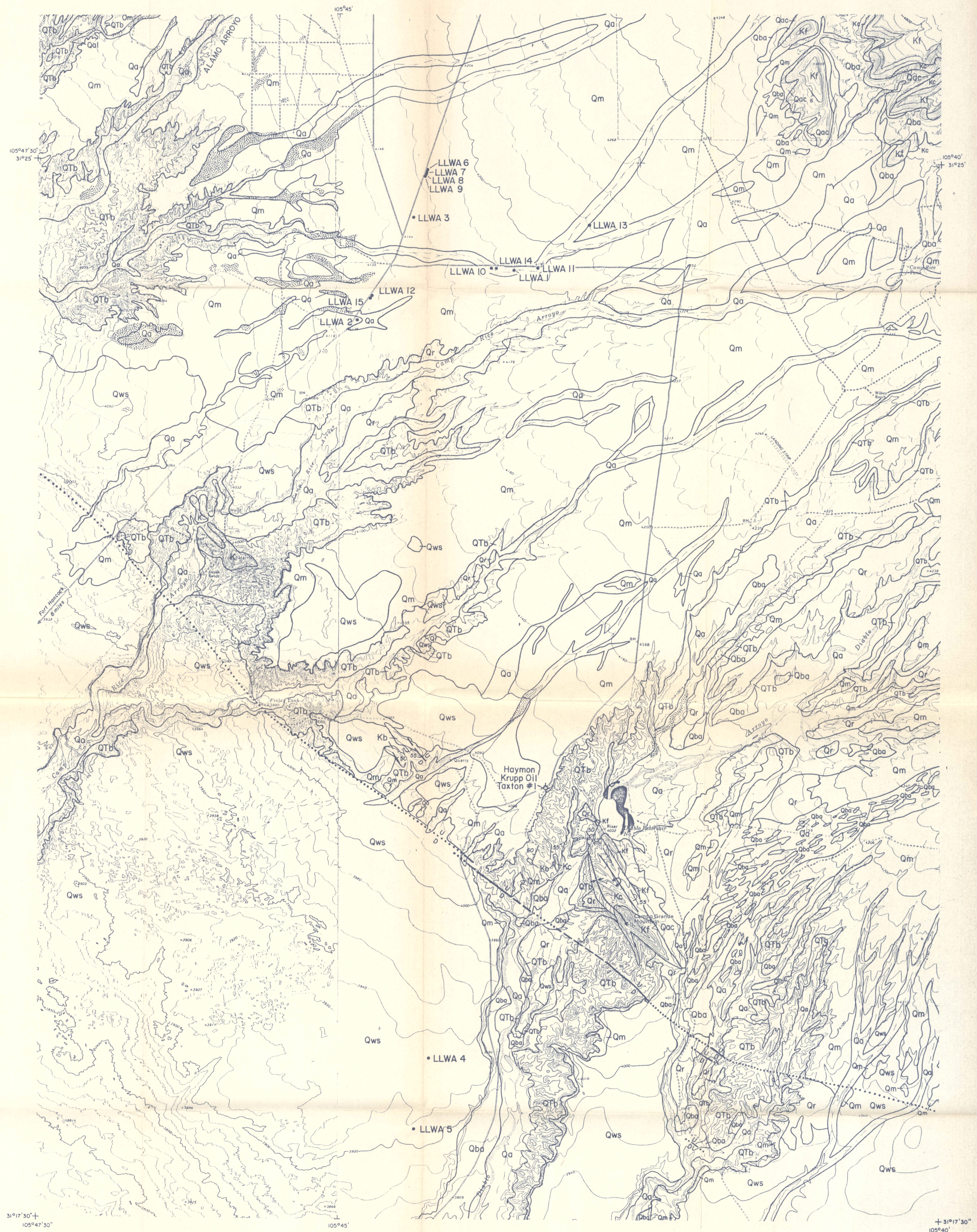


PLATE 3 - GEOLOGIC MAP OF STUDY AREA
 IN HUDSPETH COUNTY, TEXAS



EXPLANATION

Quaternary

Qa	Alluvium
Qac	Alluvium and colluvium
Qws	Windblown sand
Qba	Balluco Gravel
Qr	Ramey Gravel
Qm	Madden Gravel

Quaternary-Tertiary

QTb	Basin deposits
Kf	Finlay Limestone
Kc	Cox Sandstone
Kb	Bluff Mesa Limestone
K	Undifferentiated Cretaceous rocks

- LLWA 1 • Test hole
 --- Fault; dashed where approximately located; dotted where concealed
 --- Syncline
 --- Overturned anticline
 • Well (abandoned) drilled for oil
 / \ Strike and dip of beds
 --- Strike of vertical beds

Scale 1:24,000

0 1 mi
 0 1 km
 East of 105°45' contour interval 20 ft
 West of 105°45' contour interval 10 ft

Geology from Albritton and Smith (1964)
 and areal photography and field mapping

N
 MN
 1972 Magnetic
 north declination