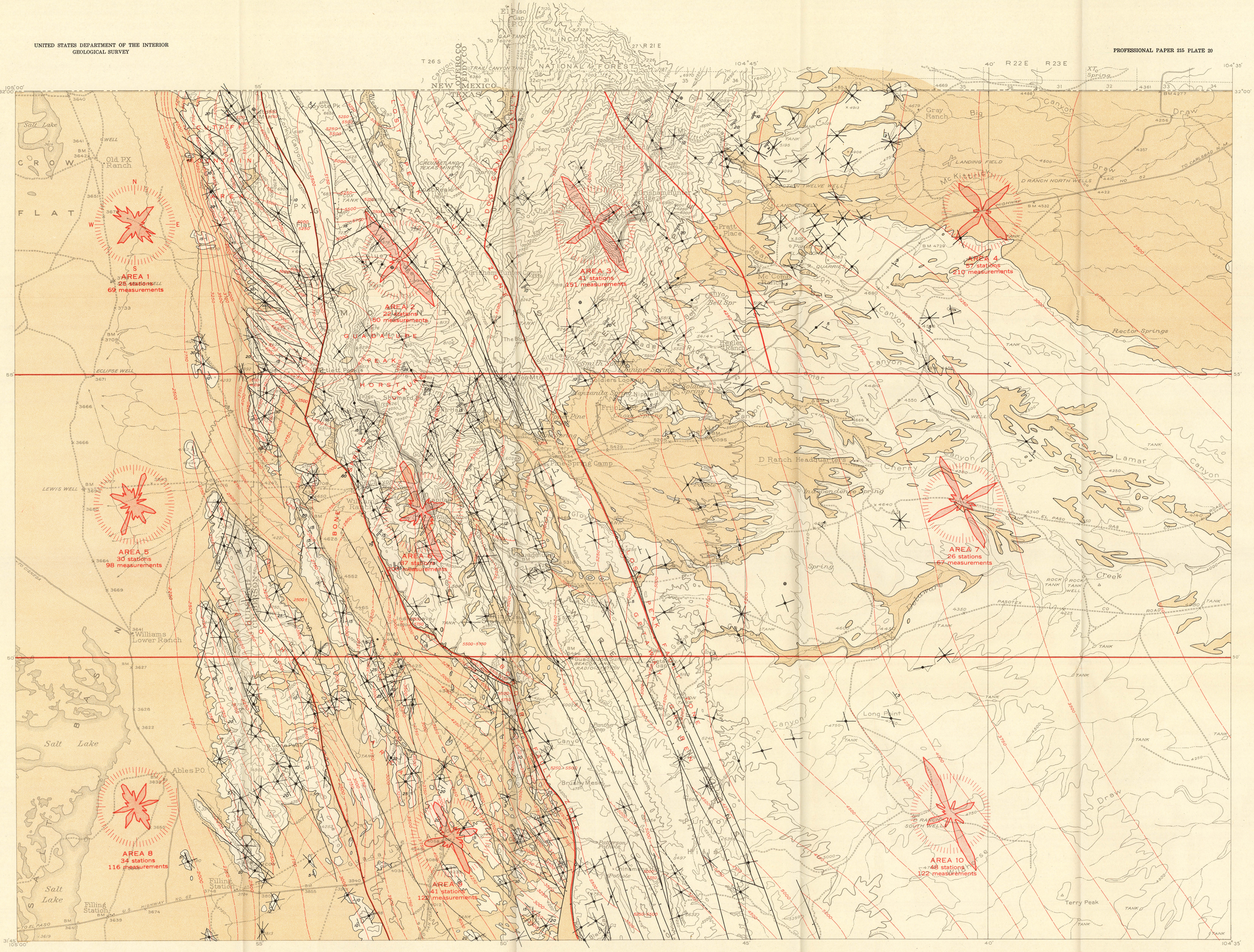
EXPLANATION
Unconsolidated deposits of Quaternary age
(Resting unconformably on older rocks, but in part somewhat faulted and tilted)
Normal fault showing dip and downthrown side
(Broken where hypothetical; dotted where concealed)
Vertical fault
Joints
(Shown only where observed and measured; stations at which measurements were made indicated by solid circle)
Joint roses
(Showing percentage of joints measured in each 5 degrees of arc; unit areas represented by each rose outlined by heavy red lines)
Strike and dip of strata
(Single line—dip caused by later tilting of strata; double line—dip that was either original in deposit or was formed shortly after deposition)
Horizontal strata
Structure contours:
(Contour interval 250 feet, drawn on base of Cherry Canyon formation. Solid lines—contours based on good geologic information; short dashed lines—contours based on inadequate geologic information; long dashed lines—contours based on inadequate surface elevations)
AREA 1
25 stations
69 measurements
AREA 2
22 stations
50 measurements
AREA 3
41 stations
151 measurements
AREA 4
57 stations
210 measurements
AREA 5
30 stations
98 measurements
AREA 6
67 stations
108 measurements
AREA 7
26 stations
67 measurements
AREA 8
34 stations
116 measurements
AREA 9
41 stations
122 measurements
AREA 10
48 stations
122 measurements
NEW MEXICO
TEXAS
Salt Lake
Salt Lake
Salt Lake
Salt Lake
Pratt Place
Gray Ranch
Big Draw
Lamar Canyon
Cherry Canyon
Long Point
Terry Peak
Williams Lower Ranch
Ables PO
Filling Station
Filling Station
Old PX Ranch
Crow Flat
Guadalupe Summit
Bruizy Mesa
Panther Canyon
Rector Springs
D Ranch Headquarters
Independence Spring
Nipple Hill
Top Mtn
Bartlett Peak
Shumard Peak
Pratt Lake
Grisham Hunter Cabin
Grisham Hunter Lodge
Smith Spring
Juniper Spring
Soldiers Lookout
Manzanita Spring
Frijoles
Cloxe Spring
Pine Spring Camp
Bell Spr
Heeler Ranch
McComb Ranch
McKittrick
D RANCH NORTH WELLS
D RANCH SOUTH WELLS
LANDING FIELD
TO CARLSBAD N.M.
TO EL PASO
TO CENTER
ECLIPSE WELL
LEWIS WELL
El Paso Gap
GAP TANK
TRAIL CANYON TANK
Coyote Pk
Cruzeland (Texas Mine)
Rector Springs
Lamar Canyon
Cherry Canyon
Long Point
Terry Peak
Panther Canyon
Bruizy Mesa
Williams Lower Ranch
Ables PO
Filling Station
Filling Station
Guadalupe Summit
Independence Spring
D Ranch Headquarters
Pratt Place
Gray Ranch
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Lamar Canyon
Cherry Canyon
Long Point
Terry Peak
Salt Lake
Salt Lake
Salt Lake
Salt Lake