PLATE 15

R.6E. R.7E. R.8E. R.9E. R.10E.

T. 21 S.

T. 22 S.

T. 23 S.

T. 24 S.

T. 25 S.

T. 26 S.

R.4E. R.5E. R.9S.

Twp. 1

Twp. 2

Twp. 3

ORGAN MTS.

FRANKLIN MOUNTAINS

JARILLA MTS.

SACRAMENTO MOUNTAINS

HUECO MOUNTAINS

DOÑA ANA COUNTY

OTERO COUNTY

NEW MEXICO

TEXAS

MEXICO

UNITED STATES MILITARY RESERVATION BOUNDARY

UNITED STATES MILITARY RESERVATION

OROGRANDE PIPELINE

OROGRANDE FIRING RANGE

DOÑA ANA CAMP

HUECO RANGE CAMP

MCGREGOR RANGE CAMP

Fillmore Pass

Orogrande

Elwood

Desert Station

Alvarado

Three Buttes

Hueco

Davis Dome

Newman

Biggs Air Force Base

Fort Bliss

EL PASO

PUBLIC SCHOOL

BLK 81

BLK 80

BLK 79

BLK 78

BLK 77

BLK 76

BLK 6

BLK 1

3820 3810 3800 3790 3780 3770 3760 3750 3740 3730 3720 3710 3700 3690 3680 3670 3660 3650 3640 3630

EXPLANATION

◎ Well equipped with turbine pump

◇ Well equipped with small pump

○ Well, unused

✧ Well, oil test

⊗ Test hole

CHEMICAL AND OTHER DATA

T=512 ⊗ Depth of drill-stem test

E=344 ○ Depth of drill-stem test (analysis by City of El Paso)

R ○ Reported chemical analysis

512 ○ 385 Chloride (ppm) / Sulfate (ppm)

366.4 Depth to water

500 Depth of well

Measured depths given in feet and tenths

Reported depths given in feet

3,677 Altitude of the water table

3690 Contour on water table, in feet above mean sea level: contour interval 10 feet.

1 0 1 2 3 4 5 Miles

PLATE 15

THE SOUTHERN TULAROSA BASIN—HUECO BOLSON AREA NEW MEXICO AND TEXAS

Well and test hole data and contours on the water table, 1957