

W 8105

ICWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

Location:

(N E)
Town: NEWELL (S W) : County BURNA VISTA
E.
STATE HWY. #5 sec. 20 T. 90 N., R. 35 W. Twp.

Well name and number

Owner TOWN OF NEWELL #2 Address

Tenant Address

Contractor M. F. MERKLEY Address

Drillers

Drilling dates 7-15-56

Well data:

Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 285 feet, Measured feetDrilling method CABLE TOOLS

Hole and casing data

Original depth to water 80 above
ft. below Date

Source of data

Sources of water: Principal

Others

Production Data

Date _____

Static water level 80

Measuring point _____

Pumping water level 125

Yield (g. p. m.) 180

Duration of pumping 30 Hours

Specific capacity _____

Pump Data

Type pump _____ Column diameter and length _____

Cylinder or bowls diameter and length _____

Suction pipe _____ Airline _____

Power _____ Production _____ g. p. m. for _____ hours per day

Use of water _____

Dissolved constituents and properties (in parts per million except as indicated)

Date sampled _____

Sampled by _____

Silica (SiO₂) _____

Iron (Fe) _____

Manganese (Mn) _____

Calcium (Ca) _____

Magnesium (Mg) _____

Potassium (K) _____

Sodium (Na) _____

Carbonate (CO₃) _____

Bicarbonate (HCO₃) _____

Sulfate (SO₄) _____

Chloride (Cl) _____

Fluoride (F) _____

Nitrate (NO₃) _____

Dissolved solids _____

Hardness (as CaCO₃) _____

 Total _____

 Grains per gallon _____

 Noncarbonate _____

Alkalinity (as CaCO₃) _____

pH _____

Specific conductance _____

 (micromhos at 25°C) _____

Temperature (°F) _____

Analysis No. _____

Laboratory Data

Well No. W 8105 Sample range 0-285 No. of samples 56

No. of dupls. and cond. 50 Fair Washed range _____

Samples prepared by Darland Date 11/6/56

Logged by NORTHUP Date 3/26/57

Correlations by _____ Date 3/26/57