

IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey

W 16562

RECORD OF WELL


Location:

Town: Linden (NE) (SW) : County Dallas

NE SW sec. 7 T. 79 N., R. 29 W. E. Twp.

Well name and number Wayne Grimm

Owner → Address \_\_\_\_\_

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor Art Bruinekool Address \_\_\_\_\_

Drillers \_\_\_\_\_

Drilling dates Feb. 1 - 25, 1954

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface \_\_\_\_\_ feet

Determined by \_\_\_\_\_

Topographic position Upland

Total depth: Reported 600 feet, Measured \_\_\_\_\_ feet

Drilling method Cable

Hole and casing data 480' of 9# 5 1/2" O.D. from 0 to 480'  
134' of 7# 4 1/2" O.D. from 466 to 600'

Original depth to water 165 ft. above below Date \_\_\_\_\_

Source of data \_\_\_\_\_

Sources of water: Principal 507 - 600'

Others \_\_\_\_\_

Production Data

Date			
Static water level	165	165	165
Measuring point			
Pumping water level	350	450	300
Yield (g. p. m.)	4	9	2 1/2
Duration of pumping			
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 (SiO <sub>2</sub> )			
Iron (Fe)			
Manganese (Mn)			
Calcium (Ca)			
Magnesium (Mg)			
Potassium (K)			
Sodium (Na)			
Carbonate (CO <sub>3</sub> )			
Bicarbonate (HCO <sub>3</sub> )			
Sulfate (SO <sub>4</sub> )			
Chloride (Cl)			
Fluoride (F)			
Nitrate (NO <sub>3</sub> )			
Dissolved solids			
Hardness (as CaCO <sub>3</sub> )			
Total			
Grains per gallon			
Noncarbonate			
Alkalinity (as CaCO <sub>3</sub> )			
pH			
Specific conductance			
(micromhos at 25°C)			
Temperature (°F)			
Analysis No.			

Laboratory Data

Location - ED1056, 7

Well No. **W 6568** Sample range 81-600 No. of samples 104  
 No. of dupls. and cond. 100 Good Washed range 145-600  
 Samples prepared by DeRoma, Palensky Date 4/22/54  
 Logged by NORTHUP Date 9/21/54  
 Correlations by NORTHUP Date 9/21/54