

7 1/2' Eldon Quad
405512N-0921247-01

71-12W-26 CBAD

1980 field located by D. Runkle

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

W12922

Location:

Town: Eldon (NE) (SW) County Wapello
NE SW SE sec. 26 T. 71 N., R. 12 (W) Twp.

Well name and number Eldon Town Well, 1961

Owner TOWN OF ELDON, IOWA Address ELDON, IOWA

Tenant _____ Address _____

Contractor Thorpe Well Co. Address DES MOINES, IOWA

Drillers _____

Drilling dates MAY 29, 1961 - OCT. 11, 1961

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet 660

Determined by _____

Topographic position Valley

Total depth: Reported 1901' feet; Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 260' OF 12" CSG. 0-260'

515' OF 10" LINER 260'-775'

815' OF 8" LINER 775'-1590'

ALL WELDED JOINTS AND REDUCERS. ENTIRE LENGTH OF CASING GROUTED WITH 1100 SACKS CEMENT

Original depth to water _____ above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal ONEOTA, JORDAN, ST. LAWRENCE

Others _____

PRODUCTION DATA

Date OCT. 11, 1961

Static water level 43'

Pumping water level 80.02'

Yield (g. p. m.) 844 TEMP: 74° F.

Measuring point _____

Duration of pumping 8 HOURS

Specific capacity 22.8 G.P.M. PER FOOT OF DRAWDOWN

LABORATORY DATA 724-240; 724-241; 724-242-724-243; 724-244; 724-245

Well No. W12922 Sample range _____ No. of samples _____

No. of dupls. and cond. _____ Washed range 115-1901

Samples prepared by _____ Date AWOI

Logged by NORTHUP Date JUNE TO OCTOBER 1961

Correlations by _____ Date " "

IOWA GEOLOGICAL SURVEY
Iowa City, Iowa
WELL OR WATER SAMPLE DATA

Bottle No. _____

TOWN ELDON COUNTY WAPELLO

LOCATION SE sec. 26 T. 71 N. R. 12 W. WASHINGTON Twp.

OWNER OF WELL TOWN OF ELDON WELL NO. _____

USE OF WATER: City Supply (X); Private-Domestic (); Public Drinking (); Live-stock (); Industrial (); School Supply (); Air conditioning (); Cooling ();

CONSTRUCTION OF WELL: Drilled (X); Gravel-Pack type (); Driven (); Dug (); Bored (); Jetted ();

CONTRACTOR THORPE DATE STARTED MAY 29, 1961
DATE FINISHED OCT 6, 1961

CASING OR CURBING DATA: (Show by diagram on opposite side of sheet the kind, length and depth of top and bottom of each size of pipe, the amount of overlaps, position of seals or packers, pipe perforation and screens, etc.)

12" PIPE 0 TO 260' 1100 SACKS OF CEMENT
10" PIPE 260' TO 775' GROUTED ENTIRE LENGTH OF
8" PIPE 775' TO 1590' CASING BY HALIBURTON
ALL WELDED JOINTS + REDUCERS - 7 5/8" OPEN HOLE 1590' TO 1901

WELL DATA

	Present	Final
Curb Elevation _____ Ft.	Depth _____ Ft.	Depth <u>1901</u> Ft.

Ground Elevation _____ Ft. Topographic Position _____

Static Level (Depth to Water {Above} Curb) 43.0 Ft. Pumping Level 80.02 Ft.
{Below}

Amount of Drawdown 37.02 Ft. pumping at 844 g.p.m. in 7 hrs. 55 minutes.

Specific Capacity 22.8 g.p.m. per ft. drawdown

Type of Pump TURBINE Power DIESEL

Depth of Bottom of Pump 250 ft. with 0 ft. of suction pipe.

TEMPERATURE: Air ____ °F.; Water 74 °F., measured after well had pumped 7 hours:
30 mins. at 844 g.p.m.; 25 ft. from pump after water had passed through the
following pipe IRON Time 3:30 (P.M.)

SOURCE OF WATER: Recent (Type and Depth) _____
Glacial Formations (Type) _____ at _____ ft. to _____ ft.
Limestone or
Dolomite (Age) _____ at _____ ft. to _____ ft.
Sandstone (Age) _____ at _____ ft. to _____ ft.
Principal Producing Formation _____

REMARKS: _____

Sample taken for: Mineral Analysis (X); Sanitary Analysis ()
Data Collected by L. L. STEELE Date 10-11-61

REPORT Analysis to H. G. Hershey, Iowa Geological Survey, Iowa City
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THORPE WELL Co., DES MOINES - CITY CLERK - ELDON