

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

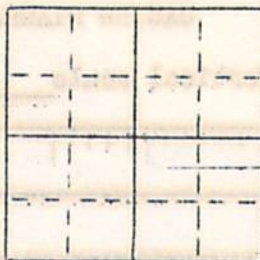
W-1062

RECORD OF WELL

Location:

Town: Town City (NE)
(SW) County Johnson

Sec. 1 T. 79 N., R. 6 W. Whites Twp.



Well name and number Dr. Bidine

Owner Dr. Bidine (Now Oathout) Address Iowa City

Tenant R't. Fahrmeister Address _____

Contractor D.E. Edwards Address West Branch

Drillers Frank Katrin

Drilling dates Oct 10-31, 1939.

Well data:

Elevations: Drilling curb _____ feet; Land surface 805 feet

Determined by R.V.D.

Topographic position Upland.

Total depth: Reported _____ feet, Measured 253- feet

Drilling method cable

Hole and casing data 152'6" of 6" casing; 46'8" of 5" casing

182' of pipe

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

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal Silurian; Others _____

Production data: _____ Date _____

Static depth to water 135 _____ Measuring point _____

Pumping level _____ at 15 _____ g.p.m.

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data; Type pump _____ Column Dia. _____ Length _____

Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____

Power _____ Airline _____

Estimated rate of production: _____ g.p.m. for _____ hrs. a day

Use of water _____

WATER ANALYSES (in parts per million)

Date samples _____

Sampled by _____

Total solids _____

Insoluble matter _____

Alkalinity (Meo) _____

Alkalinity (Phn) _____

pH _____

Fe₂O₃ + Mn₂O₃ + Al₂O₃ _____

Alkali as sodium _____

Calcium _____

Magnesium _____

Iron (unfiltered) _____

Manganese _____

Nitrate _____

Fluoride _____

Chloride _____

Sulfate _____

Bicarbonate _____

Hardness (ppm) _____

Hardness (gpg) _____

Remarks _____

Laboratory data: _____ Sample storage location _____

Sample range 0-255 No. spls. 51 No. dupls. & cond. 51 Cond.

Spls. prepared by Summerford Washed range _____ by _____

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study Shy strip log Shy

Gen. log _____ Correl. by Shy

North Iowa City Bridge to Bodine; Grolmus; Rathout / formerly Bodine farm; F. Fuhrmeister.

Bridge	Time	Reading	Temp.	Corr.	Corr. Road	Add	Three	Elev.
Bridge	1:21	1685	76	0	1602		950	653
1	1:29	1742		+8	1770		951	819
2	1:30	1789		+7	1746		957	795
3	1:37	1756		+7	1753		951	802
4	1:41	1696		+5	1753		951	752
Bridge	1:49	1605		0	1605		952	653
1	1:52	1763		+8	1771		952	819
2	1:59	1742		+7	1749		954	795
3	2:01	1749		+7	1752		954	802
4	2:07	1702		+5	1707		955	752
Bridge	2:15	1628		0	1628		955	653



Use:

- 819' Bodine
- 795' Grolmus
- 802' RATHOUT
- 752' F. Fuhrmeister (near Herman B)

RUB.

John C. Moore Corporation, Rochester, N. Y. Binder and holes in leaves Patented. FORM #22057

