

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

W-3473

RECORD OF WELL

Location:

Town: Decorah ( N E )  
( S W ): County Winnebago

C/NW SE sec. 16 T 98 N., R. 8 <sup>E</sup> W Twp.


Well name and number Decorah City

Owner \_\_\_\_\_ Address \_\_\_\_\_

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

Contractor Varner Well Drilling Co. Address Dubuque

Drillers \_\_\_\_\_

Drilling dates \_\_\_\_\_

Well data:  
Elevations: Drilling curb \_\_\_\_\_ feet; Land surface 870' \_\_\_\_\_ feet

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

Topographic position \_\_\_\_\_

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

Drilling method \_\_\_\_\_

Hole and casing data \_\_\_\_\_

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

Original elevation of water level \_\_\_\_\_ ft.; Source of data \_\_\_\_\_

Sources of water: Principal \_\_\_\_\_ ; Others \_\_\_\_\_

Production data: \_\_\_\_\_ Date \_\_\_\_\_

Static depth to water \_\_\_\_\_ Measuring point \_\_\_\_\_

Pumping level \_\_\_\_\_ at \_\_\_\_\_ 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	_____	_____	_____	_____
Fe <sub>2</sub> O <sub>3</sub> + Mn <sub>2</sub> O <sub>3</sub> + Al <sub>2</sub> O <sub>3</sub>	_____	_____	_____	_____
Alkali as sodium	_____	_____	_____	_____
Calcium	_____	_____	_____	_____
Magnesium	_____	_____	_____	_____
Iron (unfiltered)	_____	_____	_____	_____
Manganese	_____	_____	_____	_____
Nitrate	_____	_____	_____	_____
Fluoride	_____	_____	_____	_____
Chloride	_____	_____	_____	_____
Sulfate	_____	_____	_____	_____
Bicarbonate	_____	_____	_____	_____
Hardness (ppm)	_____	_____	_____	_____
Hardness (gpg)	_____	_____	_____	_____
Remarks	_____			

Laboratory data: \_\_\_\_\_ Sample storage location CE3-1

Sample range 10-62 No. spls. 22 No. dupls. & cond. 22-Good

Spls. prepared by JCC Washed range 59-62 by FMR

Driller's log and cond. \_\_\_\_\_

Insoluble residues: Prepared by \_\_\_\_\_ Studied by \_\_\_\_\_ Strip log \_\_\_\_\_

Microscopic study 10-62 strip log 1-10-49

Gen. log \_\_\_\_\_ Correl. by R.W.

IOWA GEOLOGICAL SURVEY  
Iowa City, Iowa  
GEOLOGIC MASTER CARD

Owner DECORAH CITY DECORAH, IOWA Date Well Completed: \_\_\_\_\_  
Or Name: Name Address

Driller: VARNER WELL CO. DUBUQUE, IOWA  
Name Address

Samples Analyzed by: R.W. SCREVEN \_\_\_\_\_  
~~Section Measured by~~ by \_\_\_\_\_ Date 1-5-49  
(Cross Out One) Name Date

State	County	Latitude										Longitude						Seq. No.	L-L Acc.							
1 6	9 6																			1						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20							
Twp.		Local Number		Rge. E/W		Sec.		Quarters		W-number				Strat. Data	Altitude LSD		Altitude Acc. (Source)	Total Depth								
0	9	8	0	8	W	1	6	C	A			0	3	4	7	3	5	8	7	0	7			6	2	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Surficial Lithology		First Bedrock			Bottom Hole Formation			Basement		Economic Value and System																
		Depth S S U			S S U			Lith. Depth		V S		V S		V S		V S										
G																										
48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		
Number of Aperature Cards		Type of Log Data		Type of Exposure		Number of Geologic-Unit Cards		Card Designation Number																		
		G		A			2		1																	
73	74	75	76	77	78	79	80																			

Coded by: JEAN PRIOR \_\_\_\_\_ Date: 2-7-67 \_\_\_\_\_

Coded data checked by: \_\_\_\_\_ Date: \_\_\_\_\_

Punched by: \_\_\_\_\_ Date: \_\_\_\_\_

Verified by: \_\_\_\_\_ Date: \_\_\_\_\_

