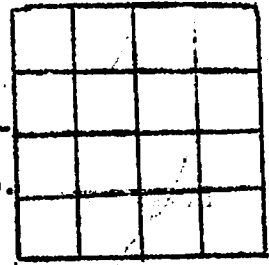


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

Location: 5 mi-S.

Town: ARLINGTON (NE) (SW) County FAYETTE
NE NW sec. 22 T. 91 N., R. 7 (E) (W) Twp.



Well name and number _____

Owner MAGUOKETA VALLEY COOP. Address ARLINGTON, IOWA

Tenant CRRAMPAY # 2 Address _____

Contractor HORG & AMES, INC. Address LINCOLN, IOWA

Drillers _____

Drilling dates DEC. 5-18, 1962

Well data:
Altitudes: Drilling curb _____ feet; Land surface _____ feet 1128

Determined by _____

Topographic position SIDE HILL

Total depth: Reported 188 feet; Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data 20' OF 16" CSG.
132' OF 12" CSG.

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

Source of data _____

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level _____

78.4'

Pumping water level _____

130'

Yield (g.p.m.) _____

335

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

TL4-645

Well No. W14099 Sample range 0-190 No. of samples 38

No. of dupls. and cond. 38; Good Washed range 130'-190'

Samples prepared by D. MAMBRO Date 1/7/63

Logged by NORTHUP Date 9/21/65

Correlations by _____ Date 9/21/65



MEMBER

Phone GR 3-2707

HOEG & AMES, Inc.

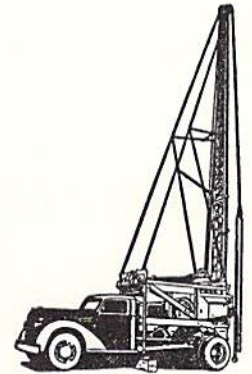
WELL CONTRACTORS

WELL SUPPLIES

☆☆☆

LINCOLN, IOWA

IOWA GEOLOGICAL SURVEY
DEC 20 1962



Maquoketa Valley Cooperative Creamery - No. 2 Well

Started the well - December 5, 1962

Finished the well - December 18, 1962

Static water level - 78.4

130 ft. pumping level at 335 gal. per min.

132 ft. of 12 in. I.D. (50 lb.) pipe 0-132 Ft.

12 in. open hole 132-188 Ft.

Formation:

Sandy yellow clay	0-15	Ft.
Blue clay	15-125	Ft.
Limestone	125-185	Ft.
Shale and limestone	185-188	Ft.



MEMBER

Phone GR 3-2707

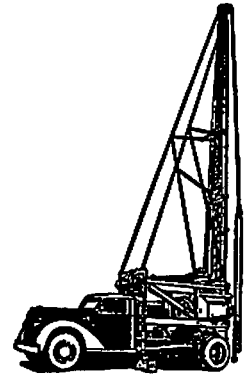
HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

☆☆☆

LINCOLN, IOWA



MAQUOKETA VALLEY COOPERATIVE CREAMERY - December 18, 1962

WELL NO. 2

<u>TIME</u>	<u>Static WATER LEVEL</u>	<u>DRAWDOWN</u>	<u>GAL. PER MIN.</u>	<u>REMARKS</u>
8:30 A.M.	78.4			Started pump - 158 ft. of pump
9:40	90	11.6		Water dirty
9:45	95	16.6	316	Pump increased
9:50	109	30.6	280	Water dirty
10:10	105.8	27.4		
10:20	105.4	27		Cluddy
10:30	107.4	29	250	
10:40	109.8	31.4	261	
10:50	108.7	30.3	254	
11:00	111.11	33.7	271	
11:10	112	33.8	264	
11:20	112	33.8	271	
11:30	111.4	33	261	
11:40	115	36.6	285	
11:50	118	39.6	292	Cloudy
12:00 P.M.	117.7	35.3	292	
12:15	111.4	38.3	261	
12:30	116.8	41.1	285	
12:45	119.5	41.1	292	
1:00	118.5	40.1	285	
1:15	125	46.6	323	
1:30	125	46.6	323	Clearing
1:45	125	46.6	314	
2:00	120.6	42.2	295	
2:30	125	46.6	310	
2:45	124.5	46.1	305	Water clearing
3:00	124.5	46.1	295	
3:15	124.4	46	317	
3:30	123.2	44.8	292	Water clear
4:10	127.1	48.7	314	Increased pump. Water dirty
4:15	130	51.6	351	
4:20	130	51.6	383	Slowed pump down
4:40	130	51.6	323	
5:00	129.6	51.2	310	
5:15	130	51.6	329	Collected water sample
5:30	130	51.6	335	Pump off. Water clear.