



Phone 515 473-2707

HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

LINCOLN, IOWA

53103

Survey copy



RECORD OF WELL

Owner The Town of Farley, Iowa.

Address Farley, Iowa.

Tenant _____

Address _____

Location Section 7, Taylor Township, Dubuque County,
Iowa. T-88-N., R-1-W, Well #2

Started the Well October 18, 1965.

Finished the Well February 24, 1966.

Total Depth	<u>1233 ft.</u>	Size of Well	<u>12" to 218 ft.</u>
Static Water Level	<u>395 ft.</u>		<u>10" from 218' to 628'6"</u>
Draw-down	<u>75</u>	feet, pumping	<u>225</u>
	<u>60</u>		<u>12</u>
	<u>252'10"</u>	feet of	<u>10</u>
	<u>153'6"</u>	feet of	<u>8</u>
	<u>84'</u>		<u>7"</u>

Col. P.M.
inch pipe installed
inch casing installed

Driller Grover Bruinekool and A. K. Scott

Remarks Grover Bruinekool started the well, and drilled
down to 672 ft. He was replaced by A. K. Scott, who
finished the well.

FORMATION

(on continuation sheet)



MEMBER

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30682

(continuation sheet)

FARLEY, IOWA, WELL # 2.

CASING RECORD.



	Depths placed.
12" I.D., 3/8" wall, - 60 ft. (cemented in 16" hole)	from 0' to 60'
10" I.D., 0.365" wall - 252'10"	from 217'2" to 470'
8" I.D., 153'6",	from 628'6" to 782'
7" O.D. Casing, 84 ft.,	from 763' to 847'



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50692

(continuation sheet)

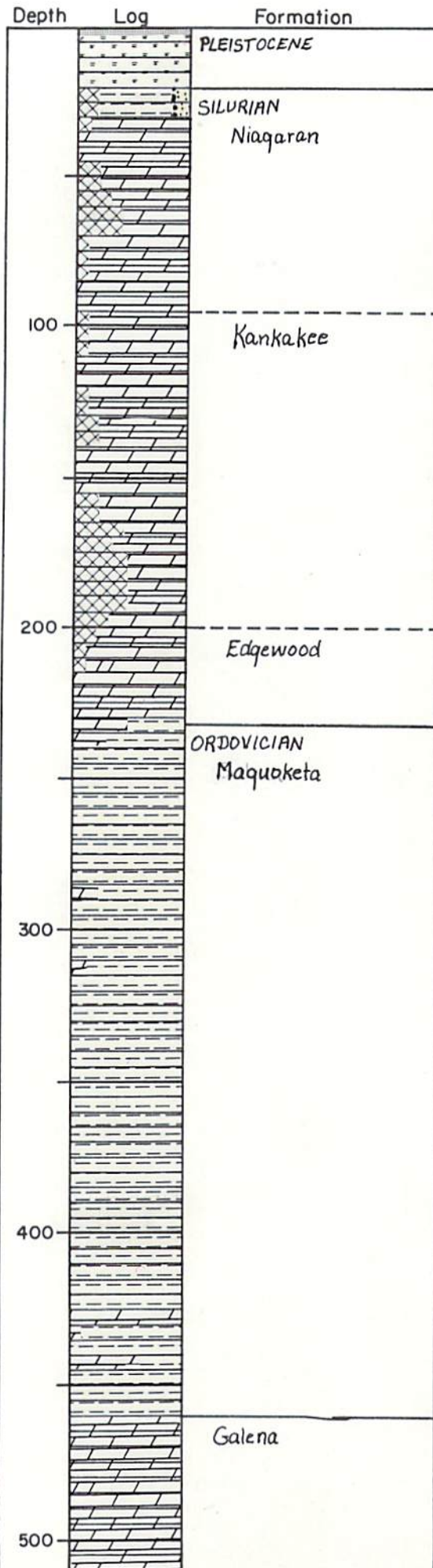
FARLEY, IOWA, WELL # 2.



RECORD OF GEOLOGICAL FORMATIONS.

0'	to	5'	-	Top Soil
5'	to	25'	-	Yellow clay.
25'	to	30'	-	Broken limestone and yellow clay.
30'	to	230'	-	Limestone.
230'	to	425'	-	Shale
425'	to	450'	-	Limestone and shale (dirty).
450'	to	455'	-	Brown shale.
455'	to	465'	-	Limestone and shale (dirty).
465'	to	672'	-	Limestone.
672'	to	722'	-	Brown and gray limestone with shale seams.
722'	to	731'	-	Green shale.
731'	to	755'	-	Grey limestone.
755'	to	775'	-	Grey and brown limestone - sandy.
775'	to	779'	-	Green shale.
779'	to	810'	-	Sandstone (hard).
810'	to	817'	-	Sandstone (medium hard)
817'	to	824'	-	Softer sandstone and a little shale.
824'	to	830'	-	Shale.
830'	to	835'	-	Limestone and chert.
835'	to	847'	-	Brown dolomite.
847'	to	865'	-	Brown dolomite (sandy).
865'	to	925'	-	Grey dolomite (sandy).
925'	to	942'	-	Sand - Root valley.
942'	to	1040'	-	Grey dolomite, some chert (sandy).
1040'	to	1147'	-	Brown and grey dolomite and chert.
1147'	to	1220'	-	Sandstone (hard).
1220'	to	1233'	-	Grey dolomite.

Total Depth - 1233 feet.



IOWA GEOLOGICAL SURVEY In Cooperation with U. S. GEOLOGICAL SURVEY Iowa City, Iowa																	
Name <i>Farley Town Well #2 (1966)</i>		State <i>Iowa</i>															
Town <i>Farley</i>	County <i>Dubuque</i>	Loc.															
Contractor <i>Hoeg & Ames,</i>		Sec. 7															
Drilling Dates <i>10-18-65 to 2-23-66</i>		T. 88 N., R. 1 W															
Casing Record 60' of 12" csg. : 0-60' 252'10" of 10" csg. : 217'2" - 470' 153'6" of 8" csg. : 628'6" - 782' 84' of 7" csg. : 763' - 847'																	
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S.W.L. 395' G.P.M. 225 D.D. 80'																	
Remarks		Elev. 1109' ± Est.															
		T.D. 1233'															
Logged By <i>Northup</i> <i>2-28-66</i>		I.G.S. No. W-17980															

- Explanation of Colors**
- Soil
 - Loess, Silt on Siltstone
 - Drift
 - Sand & Gravel
 - Shale
 - Sandstone
 - Limestone
 - Dolomite
 - Chert
 - Gypsum or Anhydrite
 - No Samples

