



TERRY E. BRANSTAD, GOVERNOR

Iowa Department of Natural Resources
GEOLOGICAL SURVEY BUREAU

123 North Capitol Street
IOWA CITY, IOWA 52242
(319) 335-1575

DEPARTMENT OF NATURAL RESOURCES

LARRY J. WILSON, DIRECTOR

December 4, 1989

Terry McCarthy
Yaggy Colby Associates
215 North Adams
Mason City, IA 50401

Dear Mr. McCarthy:

I have checked the cuttings from the Mason City well. Assuming that these cuttings were properly collected and labeled, the base of the Jordan Sandstone is at a depth of 1330-1335'.

I plan to log this well next week. When the log is completed, I will send copies to you and the driller.

If I can be of any further assistance, please feel free to contact me.

Sincerely,

Michael J. Bounk

Michael J. Bounk
Research Geologist

MJB/leb

12/1/89

Attention Terry McCarthy
Yaggy Colby Associates
215 North Adams
Mason City, Iowa 50401

10.35

Dear Mr McCarthy

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Mason City well. Assuming that these cuttings were
properly collected and labelled, the base of the
Jordan Sandstone is at a depth of 1330-1335'.

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Sincerely,

Michael J. Bounk

Research Geologist

Please type, route
by Ray Anderson
For approval, and
Then return to me

Thanks

Mike Bounk



MASON CITY IOWA

DR. Philip Harris

0-10	Top Soil Yellow Clay		
10-25	Brown Sandstone - Shale		
25-80	GRAY SHALE Limestone		
80-700	Light-DARK GRAY Dolomite - GRAY-GREEN SHALE TRACES		
700-705	Buff- GRAY Dolomite - TRACES SHALE Chert		
705-730	Green SHALE - GRAY Limestone - Dolomite		
730-780	Light GRAY Dolomite - Limestone		
780-830	Green - GRAY Purple SHALE GRAY Limestone		
830-910	White Sandstone	REMARKS: Penetration RATE - 1 min or less per ft Through Sandstone - 3-7 min per ft. below 910	
910-915	Green SHALE(?)		
915-1005	GRAY Dolomite - TRACES SHALE		
1005-1015	GRAY - Buff Dolomite		
1015-1035	Light DARK GRAY Dolomite - TRACES Green SHALE		
1035-1045	Light-DARK GRAY Dolomite - TRACES Sandstone - SHALE		
1045-1170	GRAY Dolomite - TRACES Chert - SHALE		
1170-1200	Light Brown - Dolomite - TRACES Chert Sandstone		
1200-1255	GRAY Dolomite TRACES Sandstone		
1255-1305	sandstone	NOTE: Penetration Rates min per 5 ft.	
1305-1330	sandstone - Dolomite	12-90-95 = 3 min	1330-1335 = 13 min
1330-1345	Dolomite - Sandstone	1295-1300 = 3 min	1335-1340 = 14 min
		1300-1305 = 4 min	1340-1345 = 14 min
		1305-1310 = 6 min	
		1310-1315 = 6 min	
		1315-1320 = 8 min	
		1320-1325 = 10 min	
		1325-1330 = 13 min	
REMARKS: 37 ft = 22 in S.P.			
G.L.	963.23 14" Chasing		

W 30522

Terry M^cCarthy
Yaggy Colby as
mason City
(515) 424-6344

1330-35 Driller Needs
copy Log

CONSTRUCTION OF WELL

815-20 sh grn

20-25 sh grn, brs dol

25-30 ad

30-35 sh grn

---35-40 ss, sh

ST Peter

---905-910 ss, sh grn

Pduc 910-15 sh, grn

15-20 sh, dol, ss

20-25 Dol sh

25-30 " " ss

35-40 Dol (st mids) sh

45-50 Dol sh

60-65 Dol, 75 ss, sh

70-75 Dol

75-80 Dol 75 ss

80-85 Dol

1005-1010 Dol, sh

