

Iowa Department of Natural Resources
Geological Survey Bureau
Geology and Mineral Resources Section

WELL HEADER RECORD

County Number Well Number 25364

Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
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S S G F M

00000
01000

IFM
D

1
6

3
2

--0
--60

--60
--70

WELL HEADER RECORD

72

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County Number 65 Well Number 25364 ## NO: 1
Latitude 0 Longitude 0 Accuracy
Sequence# BR Top 0 Hole Bottom 0
BR Strat 0 Bottom Strat0 Strat Code 1
Altitude 0 Accuracy Well Depth 70
Location: Tier 72 Range 41 E/W W Section 0 Quarter
Depth to Bedrock 0 Data available GD Types of Exposures A
Surficial Lith I Basement Lith
Economic properties Driller# 137
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Stratigraphy	Lithology (primary, secondary, minor)	Penetration Code	Contact Accuracy	Depth to Top	Depth to Bottom
SSGFM					
0	IFA	1	3	0	60
1000	D	6	2	60	70
0				0	0
0				0	0

County Number Well Number

Layne-Western Company

4430 Commercial Avenue

Omaha, Nebraska

25 36 4

TEST WELL REPORT

City and State Malvern, Iowa Date 9-15-77
Contract City of Malvern Driller Donald Oseka
Test No. 77-2 Helpers Brad Harris

Static Water Level

Test Log

0	-	6'	Black soil
6'	-	20'	Brown clay
20'	-	38'	Gray clay
38'	-	41'	Blue clay
41'	-	52'	Gravel and coarse sand, buff color
52'	-	59'6"	Gravel and coarse sand and boulders, buff color
59'6"	-	70'	Blue glacial clay

Size Mud Pit—Length 8 , Width 4 , Depth 1'6"

WATER BEARING FORMATION DATA

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
41' to 47'	39 Sec.	2½	
47' to 59'6"	39 Sec.	4	
to			
to			
to			
to			
to			

LOCATION: North side of county road, 35' east and 156' north of test #77-1

REMARKS: Might make 150 to 200 GPM

Layne-Western Company

4430 Commercial Ave.

Omaha, Nebraska

ELECTRICAL LOG

CUSTOMER	City of Malvern			ADDRESS	Malvern		
WELL NO.	77-2	ZERO ELEVATION	G.L.	COUNTY	Malvern	STATE	Iowa
LOCATION	North side of county road, 35' east and 156' north of test #77-1						
Date	9-15-77	Resistivity Scale: 1"	20 OHMV	Nature of Mud	Bentonite	pH	
First Reading	10'	Potential Scale: 1"	5 MV	Density		Circ. Temp.	
Last Reading		Lineal Scale: 1"	20'	Viscosity	36 Sec.	Weather	
Footage Logged	59'	Casing (Driller)	None	Bottom (Driller)		Logged by	D. Oseka
Bit Size:	4"	Casing Size		Casing (From Log)		Witnessed by	Brad Ha
REMARKS	Might make 150 to 200 GPM						

SPONTANEOUS-POTENTIAL (MILLIVOLTS)

RESISTIVITY (OHMS)

