



EXISTING PUMP HOUSE

SCALE 1/2"=1'0"

Well #4

WELL LOG

Depth - Ft.		Thickness-Ft.	Description of Beds
From	To		
0	3	3	Black top soil
3	12	9	Brown clay
12	15	3	Coarse sand with white shale & clay
15	24	9	Gravel with white shale & clay
24	43	19	Gravel & sand with white shale
43	45	2	Rocks with white shale
45	50	5	Gravel with coarse sand, white shale & brown clay
50	60	10	Gray clay with fine sand
60	65	5	Gray clay with white shale
65	80	15	Gray clay
80	94	14	Gray clay with fine sand
94	115	21	Gray clay
115	125	10	Gray clay with small gravel & medium sand
125	200	75	Blue clay
200	220	20	Medium to fine sand with white shale
220	225	5	Coarse sand with white shale & blue clay
225	230	5	Clay with white shale, coal & fine sand
230	240	10	Gray shale, coal and fine sand
240	260	20	Gray shale & fine sand
260	265	5	Gray shale & black shale
265	300	35	Black shale
300	310	10	Shale with sandstone
310	320	10	Black shale
320	325	5	Black shale with sandstone
325	340	15	Black shale
340	350	10	Black shale with streaks of sandstone
350	355	5	Brown shale
355	365	10	Black shale
365	375	10	Black shale with sandstone
375	410	35	Black shale
410	415	5	Black shale with yellow lime rock
415	420	5	Black shale
420	425	5	Black shale with coal
425	455	30	Black shale with limestone
455	470	15	Black shale
470	480	10	Sandstone
480	485	5	Sandstone mixed with shale
485	490	5	Brown shale
490	515	25	Sandstone

40" STAINLESS
STEEL SCREEN STEEL PIPE

WELL

APPROVAL TO GO

NO. 75-40W

DATED

STATE OF IOWA
DEPARTMENT OF ENVIRONMENTLARRY E. CUL
EXECUTIVE DIRECTORJOSEPH E. OBER
DIRECTOR, WATER &
MANAGEMENT DIVISION

By R. Bruce R.