Project L.P

Well No. # 2

Location DEERLODGE

Engineer

Installed By O'KEEFE DRILLING

Date 6-26-02

Method of Installation Hollow STEM Augers

LOG OF BORING AND WELL

BORING

Depth In ft.	Description	H. Nu Reading
	4.4 to 6.4 COURSE SAND ¼ to ½ GRAVEL	
	7' to 8.5 GRAVE ½" to 2" WITH COURSE SAND	
	9.4 to 11.4 ¼" to ½" GRAVEL WITH COURSE SAND	
	WATER 9.2	
	14.4 to 16.4 COURSE SAND WITH ¼" to ½" GRAVEL	
	T.D 18.2	

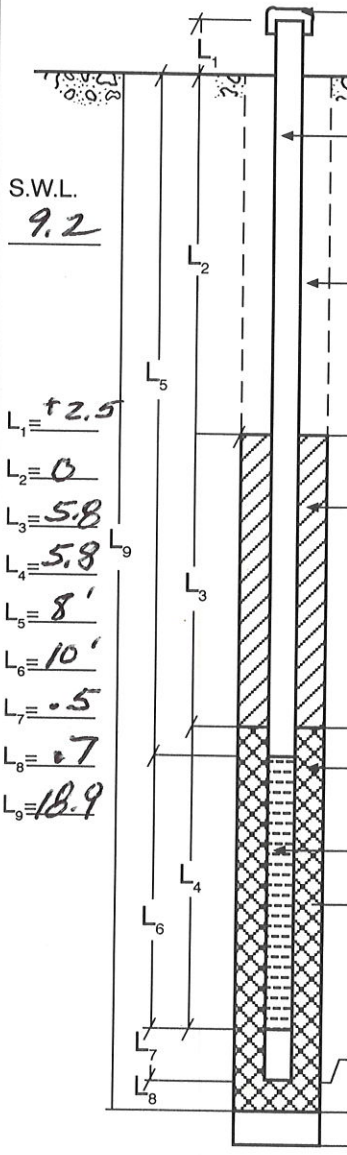
OBSERVATION WELL INFORMATION

Type of WELL MONITOR WELL

Ground Elev.

Top of Riser Elev. 2.5 stick up

Vented Cap



S.W.L. 9.2

L_1 = +2.5

L_2 = 0

L_3 = 5.8

L_4 = 5.8

L_5 = 8'

L_6 = 10'

L_7 = .5

L_8 = .7

L_9 = 18.9

L.D. of Riser Pipe 5' steel

Type of Pipe 2" PVC

Type of Backfill Around Riser 3/8 Hole PLUG

Top of Seal Elev. 0

Type of Seal Material 3/8 Hole PLUG

Top of Filter Elev. 5.8 BGS

Type of Filter Material 10/20 SAND

Size of Openings 0.20

Diameter of Screened Tip 2"

Bottom of Well Elev. 18.2

Bottom of Boring Elev. 18.9

Diameter of Boring 8¼"

Remarks

Northeast of Spud Cellar JB

L-1 Flush MT/Well Protector
L-2 Surface to Bentonite Seal
L-3 Bentonite Seal
L-4 Filter Pack
L-5 Surface to Top of Screen
L-6 Screen
L-7 Sump
L8 Rat Hole
L-9 Total Depth

Prepared by Dave Crowley #269

O'KEEFE DRILLING

CLIENT Louisiana Pacific ENGINEER Jeff Bridges

PROJECT Lumber Mill DATE 6/21/02

S M T W T F S

SHIFT REPORT

5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10

	TOTAL
OFF DUTY	
DRIVING	
DRILL FOOTAGE	
WELL CONST	
MOVE & SET UP	
S.B.	
OTHER	

SHOP

DRIVE TO SITE

#2 T.D 18.9

2" WELL SET 18.2

DECON - CRETE WORK

MOB TO BUTTE

MATERIALS:

Steel Casing Size			Feet
PVC Riser Size			Joints
PVC Riser	2"x10'	1	Joints
Sreen Size			Joints
Screen Size	2"x10' .020	1	Joints
Centralizers			Each
Top Cap Bottom Cap	2"	1	Each
Locking PVC Cap			Each
Casing w/Locking Cap	6"	1	Each
Flushmount			Each
Premix Cement		6	Bags
Portland Cement			Bags
Bentonite Chips		3	Bags
Bentonite Grout			Bags
Sand 50# or 100#		10	Bags
Other			

EQUIPMENT USAGE:

Rig #	B-61 #200
Pump Truck	
Steam Cleaner	✓
Generator	
Air Compressor	
Water Pumps	

OTHER:

Mobilization Miles	44 FROM DRILL SITE
Per Diem-Meals	
Motel	
Daily Crew Travel Miles	
Formation Charge	
Other	

Driller DAVE CROWLEY Client Approval

Helpers MIKE