

WATER WELL RECORD (WWC-5)

KOLAR DOC ID _____ WELL ID _____

Original Record Correction Change in Well Use

LOCATION OF WATER WELL

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

WATER WELL OWNER

Name	
Business	
Address	
Well location at owner's address	

WELL WATER USE

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COMPLETION

Depth of completed well: _____ ft.
Depth(s) groundwater encountered:
(1) _____ ft.; (2) _____ ft.;
(3) _____ ft.; (4) dry well
Static water level in well: _____ ft.
measured below land surface
on (mm/dd/yy): _____
measured above land surface
on (mm/dd/yy): _____
Estimated yield: _____ gpm
Water level was: _____ ft. after _____ hours
pumping _____ gpm
Pump installed? Yes No
Water well disinfected? Yes No
Date disinfected (mm/dd/yy): _____
Aquifer, if known:

NEAREST SOURCE OF POTENTIAL CONTAMINATION

Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____ Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

CONSTRUCTION

Borehole interval:	Borehole diameter:
from _____ to _____ ft.	_____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ in.	
If casing height is less than 12 in. has a variance been approved?*	Yes No
*variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals:	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals:	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used: Gravel size _____ in	
From _____ ft. to _____ ft.	

PERMIT & ID NUMBERS (AS REQUIRED)

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
KDHE UIC Class V Form Completed: Yes No
County Permit: Yes No Permit ID: _____
Lease Name & Well #: _____
of boreholes: _____ # of dewatering wells: _____

LITHOLOGIC LOG

FROM	TO	LITHOLOGY INTERVALS

COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

This water well was constructed reconstructed pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

Drilling Log

Project Name <i>Cargill Class III</i>		Project Number <i>163813</i>		Boring Number <i>M-330</i>	
Ground Elevation <i>_____</i>		Location <i>Hutchinson, KS</i>		Page <i>2 of 3</i>	
Air Monitoring Equipment <i>_____</i>				Total Footage <i>_____</i>	
Drilling Type	Hole Size	Overburden Footage	Bedrock Footage	No. of Samples	No. of Core Boxes
<i>HSA</i>	<i>7.25"</i>	<i>_____</i>	<i>_____</i>	<i>_____</i>	<i>_____</i>
Drilling Company <i>Razek Environmental</i>			Driller(s) <i>Tony Poulter</i>		
Drilling Rig <i>Geoprobe 7782 DT</i>			Type of Sampler <i>Macro-Core</i>		
Date <i>_____</i> To <i>_____</i>			Field Observer(s) <i>Jeffrey Schneider</i>		

Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
1	<i>Silty clay (clay w/ silt), Dk-bn (3/12 7.5YR), Wet, med. plasticity</i>	<i>OH</i>								
2	<i>Sandy clay, (clay w/ sand), Brn (3/2 7.5YR), No moisture, medium plasticity. (4/12 7.5YR)</i>	<i>CL</i>		<i>5'</i>						
3										
4	<i>Clayey sand (sand w/ clay), Red-bn (5/6 7.5YR), Low moisture, Low plasticity</i>	<i>SC</i>								
5	<i>Clayey sand (sand w/ clay), Red-bn (5/6 7.5YR), Low moisture, Low plasticity.</i>	<i>SC</i>								
6										
7	<i>Silty clay (clay w/ silt), Brown (4/12 7.5YR), Low moisture, High plasticity, Iron nodules and gravel inclusions present.</i>	<i>CL</i>		<i>8'</i>						
8				<i>4.5'</i>						
9										
10	<i>No Recovery</i>	<i>N/A</i>								
11	<i>Sandy clay (clay w/ sand), Lt. bn with black iron streaking (4/12 7.5YR/2/1 10YR), Low moisture, High plasticity</i>	<i>CL</i>								
12	<i>Sand, Poorly sorted fine to coarse grain, Lt. bn (6/4 7.5YR), High moisture, no plasticity</i>	<i>SP</i>		<i>4'</i>						
13				<i>3.5'</i>						
14	<i>No Recovery</i>	<i>N/A</i>								

BZ=Breathing Zone BH=Bore Hole S=Sample



051601 Form WCD-2-1

Drilling Log Continuation

Project Name <u>Caryll Class III</u>							Boring Number <u>M-33D</u>			
Project Number <u>163813</u>							Page <u>2</u> of <u>43</u>			
							Date			
Depth (feet)	Description	Class	Blow Count	Recov.	Run/ Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
15	No Recovery	N/A		4'						
16	Sand, poorly sorted fine to coarse grain, (mostly coarse), Lt. bn (6/4 7.5YR), wet, no plasticity.	SP								
17				3'						
18	No Recovery									
19		N/A								
20	* Begin Logging off of cuttings.									
21	Sand, poorly sorted fine to coarse grain, (Lt. bn (6/4 7.5YR)), wet, no plasticity, some intermittent gravel-sized grains.	SP								
22										
23				N/A						
24										
25	Sand, poorly sorted fine to coarse grain, Lt. bn (6/4 7.5YR), wet, no plasticity,									
26	trace gravel.	SP								
27										
28				N/A						
29										
30	Sand, poorly sorted, fine to coarse grain, Lt. bn, (6/4 7.5YR), wet, no plasticity, trace gravel.									
31										

BZ=Breathing Zone BH=Bore Hole S=Sample

Burns & Waste Consultants, Inc.
McDonnell Inc.

Form WCI-OP2-2

11/11/1992

Drilling Log Continuation

Project Name <i>Cordill Class III</i>							Boring Number <i>M-33D</i>			
Project Number <i>163813</i>							Page <i>3</i> of <i>43</i>			
Date										
Depth (feet)	Description	Class	Blow Count	Recov.	Run/Time	Sample Desig.	PID (ppm)			Remarks/ Water Levels
							BZ	BH	S	
32	<i>Sand, poorly sorted fine to coarse grain, Lt-bn, (6/14 7-5YR), Wet, no plasticity, trace gravel.</i>	<i>SP</i>		<i>N/A</i>						
33										
34										
35	<i>Coarse sand to gravel, Lt bn (6/14 7-5YR), Wet, no plasticity, Poorly sorted.</i>	<i>GP</i>		<i>N/A</i>						
36										
37										
38										
39	<i>Coarse to gravel size poorly sorted sand/gravel. Lt. bn (6/14 7-5YR), Wet, no plasticity.</i>	<i>GP</i>		<i>N/A</i>						
40										
41										
42										
43	<i>Coarse sand to gravel, poorly sorted, Lt. bn (6/14 7-5YR), Wet, no plasticity.</i>	<i>GP</i>		<i>N/A</i>						
44										
45										
46										
47	<i>Reveal ~ 47.4', with set @ 43.00 due to sand Heave.</i>									
48										

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Form WOI-OP2-2

11/11/1992