

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water
Resources App. No.

Well ID

1 LOCATION OF WATER WELL:
County: _____ Fraction: 1/4 1/4 1/4 1/4 Section Number: _____ Township Number: T S Range Number: R E W

2 WELL OWNER: Last Name: _____ First: _____ Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
Business: _____ Address: _____ City: _____ State: _____ ZIP: _____

3 LOCATE WELL WITH "X" IN SECTION BOX:
N
W E
S
-----1 mile-----

4 DEPTH OF COMPLETED WELL: ft.
Depth(s) Groundwater Encountered: 1) ft.
2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: ft.
 below land surface, measured on (mo-day-yr).....
 above land surface, measured on (mo-day-yr).....
Pump test data: Well water was ft.
after..... hours pumping gpm
Well water was ft.
after..... hours pumping gpm
Estimated Yield:gpm
Bore Hole Diameter: in. to ft. and
..... in. to ft.

5 Latitude:(decimal degrees)
Longitude:(decimal degrees)
Datum: WGS 84 NAD 83 NAD 27
Source for Latitude/Longitude:
 GPS (unit make/model:)
(WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper:

6 Elevation:ft. Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	2. <input type="checkbox"/> Irrigation	3. <input type="checkbox"/> Feedlot	4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID	6. <input type="checkbox"/> Dewatering: how many wells?	7. <input type="checkbox"/> Aquifer Recharge: well ID	8. <input type="checkbox"/> Monitoring: well ID	9. Environmental Remediation: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease	11. Test Hole: well ID	12. Geothermal: how many bores?	13. <input type="checkbox"/> Other (specify):
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Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:
Water well disinfected? Yes No

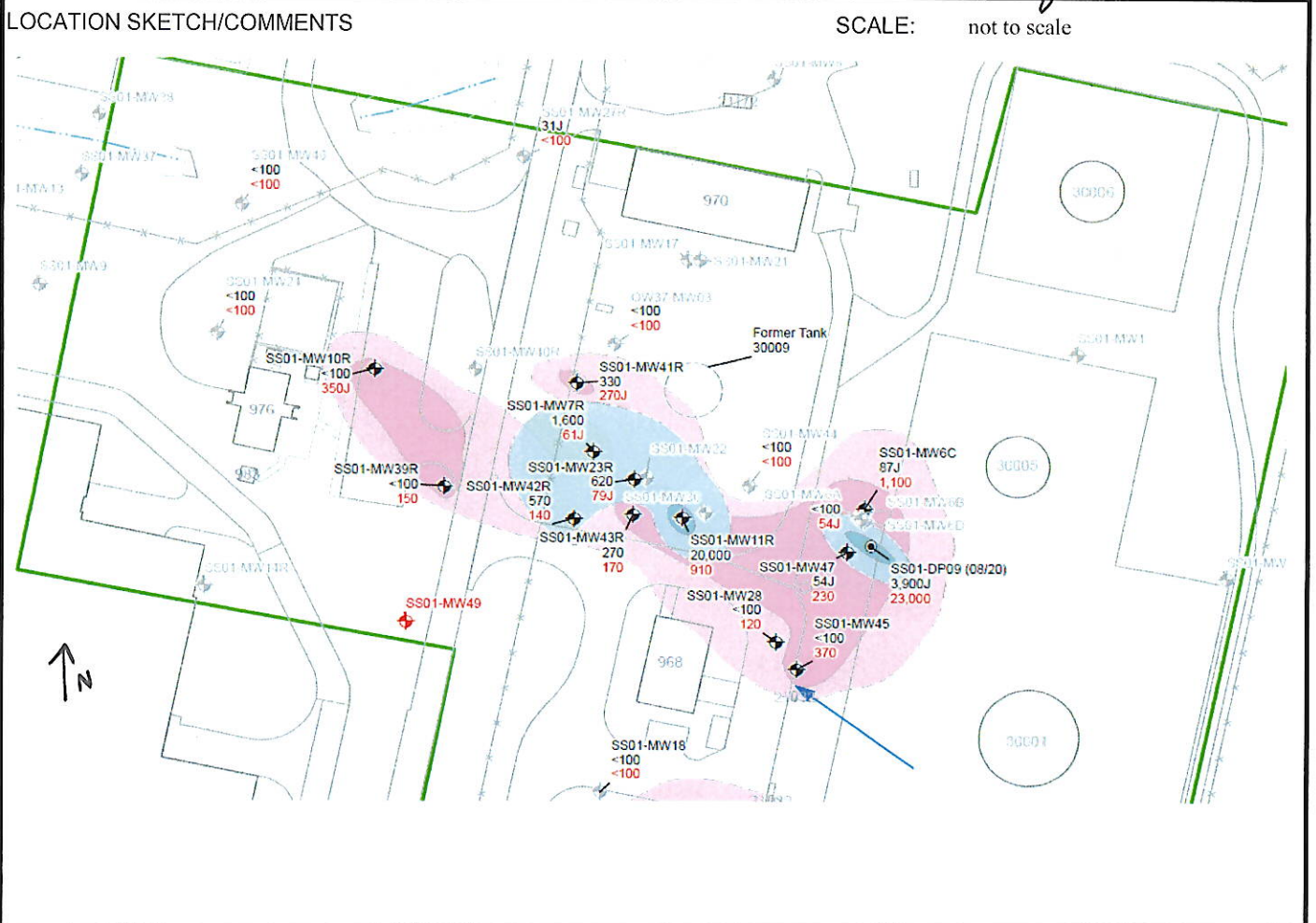
8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface in. Weight lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft.
Nearest source of possible contamination: No potential source of contamination within 200 ft.
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify)
Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
			Notes:		

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo-day-year) under the business name of

HTRW DRILLING LOG		DISTRICT USACE - Omaha District		HOLE NUMBER SS01-MW49	
1. COMPANY NAME URS Group, Inc.		2. DRILLING SUBCONTRACTOR Below Ground Surface (BGS)		SHEET SHEETS 1 OF 3	
3. PROJECT McConnell AFB PBR			4. LOCATION McConnell AFB, KS		
5. NAME OF DRILLER BGS			6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe 6620R 2.25" Ø direct push rods 2.25" Ø Hollow Stem Augers 5' long acetate liners 2 I.P.		8. HOLE LOCATION See below			
12. OVERBURDEN THICKNESS NA			15. DEPTH GROUNDWATER ENCOUNTERED NA		
13. DEPTH DRILLED INTO ROCK NK			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA		
14. TOTAL DEPTH OF HOLE 19' bgs			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) NA		
18. GEOTECHNICAL SAMPLES NA		DISTURBED —	UNDISTURBED —	19. TOTAL NUMBER OF CORE BOXES —	
20. SAMPLES FOR CHEMICAL ANALYSIS NA		VOC —	METALS —	OTHER (SPECIFY) —	OTHER (SPECIFY) —
22. DISPOSITION OF HOLE —		BACKFILLED —	MONITORING WELL X	OTHER (SPECIFY) —	23. SIGNATURE OF INSPECTOR Alan J. Koo
					21. TOTAL CORE RECOVERY 91.6 NA%



PROJECT McConnell AFB PBR	HOLE SS01-MW49
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HTRW DRILLING LOG

(CONTINUATION SHEET)

HOLE
SS01-mw49

PROJECT

McConnell AFB PBR

INSPECTOR

Alan J. Kim

SHEET 2 OF 3 SHEETS

ELEV. a.	DEPTH b.	DESCRIPTION OF MATERIALS c.	FIELD SCREENING RESULTS d.	GEOTECH SAMPLE OR CORE BOX NO. e.	ANALYTICAL SAMPLE NO. f.	BLOW COUNTS g.	REMARKS h.
	0	silty clay (cl) ^{very} st. ft, moist, dark brown with yellowish brown mottling 50% coarse-gravel inclusions	Field Screening FS = 0.0 ppm Headpipe HS = 2.2 ppm Pocket Porewater PP = 3.5 mg/L				Time (T) = 1430 Recovery / Run R/R = 5.0/5.0
	2		FS =				
	4	Begin SM silty sand (SM) moist, medium subrounded sand					
	5	silty clay (cl) ^{very} st. ft, moist, dark brown with yellowish brown mottling, 10% fines	PP = 3.5 FS = 0.0 HS = 1.6				T = 1444 R/R = 4.6/5.0
	6		PP = 2.25 FS = 0.1 HS = 1.4				
	7		PP = 3.5 FS = 0.0				
	8		PP = 3.5 FS = 0.1 HS = 0.9				
	9		PP = 3.0 FS = 0.0 HS = 0.9				
	10						no recovery

PROJECT

McConnell AFB PBR

ENG FORM 5056-R, AUG 94

HOLE NO.

SS01-mw49

(Proponent: CECW-EG)

HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE 5501 - MW49

PROJECT
McConnell AFB PBR

INSPECTOR
John J. Cur

SHEET 3 OF 3 SHEETS

ELEV. a.	DEPTH b.	DESCRIPTION OF MATERIALS c.	FIELD SCREENING RESULTS d.	GEOTECH SAMPLE OR CORE BOX NO. e.	ANALYTICAL SAMPLE NO. f.	BLOW COUNTS g.	REMARKS h.	
	10	Silty clay (CL) ^{very} stiff, moist, light brown with dark brown mottling, 5% coarse sand calcium carbonate inclusions	PP=3.5 FS=0.2				T=1448 R/R=4.0/5.0	
	11		PP=3.25 FS=0.1 HS=0.7					
	12		PP=3.5 FS=0.0					
	13	Begin 30% calcium carbonate coarse sand	PP=4.0 FS=0.0 HS=0.8					
	14	← becomes hard Begin 50% weathered shale	PP=4.5 FS=0.0					
	15	becomes very stiff and silty clay (CL) stiff, moist greenish gray with light brown mottling, 25% calcium carbonate coarse sand inclusions	PP=4.0 FS=0.0				T=1454 R/R=3.8/4.0	
	16		PP=3.5 FS=0.0 HS=1.0					
	17		PP=3.5 FS=0.0 HS=0.8					
	18	weathered shale Begin light brown with greenish gray mottling	PP=4.0 FS=0.0					
	19			no recovery				
	20	Bottom of Boring						