

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

Well ID

1 LOCATION OF WATER WELL: County: Fraction Section Number Township Number Range Number

2 WELL OWNER: Last Name: Business: Address: City: State: ZIP: Street or Rural Address where well is located

3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 5 Latitude: Longitude: Datum: Source for Latitude/Longitude: Elevation:

7 WELL WATER TO BE USED AS: 1. Domestic: 2. Irrigation: 3. Feedlot: 4. Industrial: 5. Public Water Supply: 6. Dewatering: 7. Aquifer Recharge: 8. Monitoring: 9. Environmental Remediation: 10. Oil Field Water Supply: 11. Test Hole: 12. Geothermal: 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Water well disinfected?

8 TYPE OF CASING USED: CASING JOINTS: Casing diameter: Casing height above land surface: TYPE OF SCREEN OR PERFORATION MATERIAL: SCREEN OR PERFORATION OPENINGS ARE: SCREEN-PERFORATED INTERVALS: GRAVEL PACK INTERVALS:

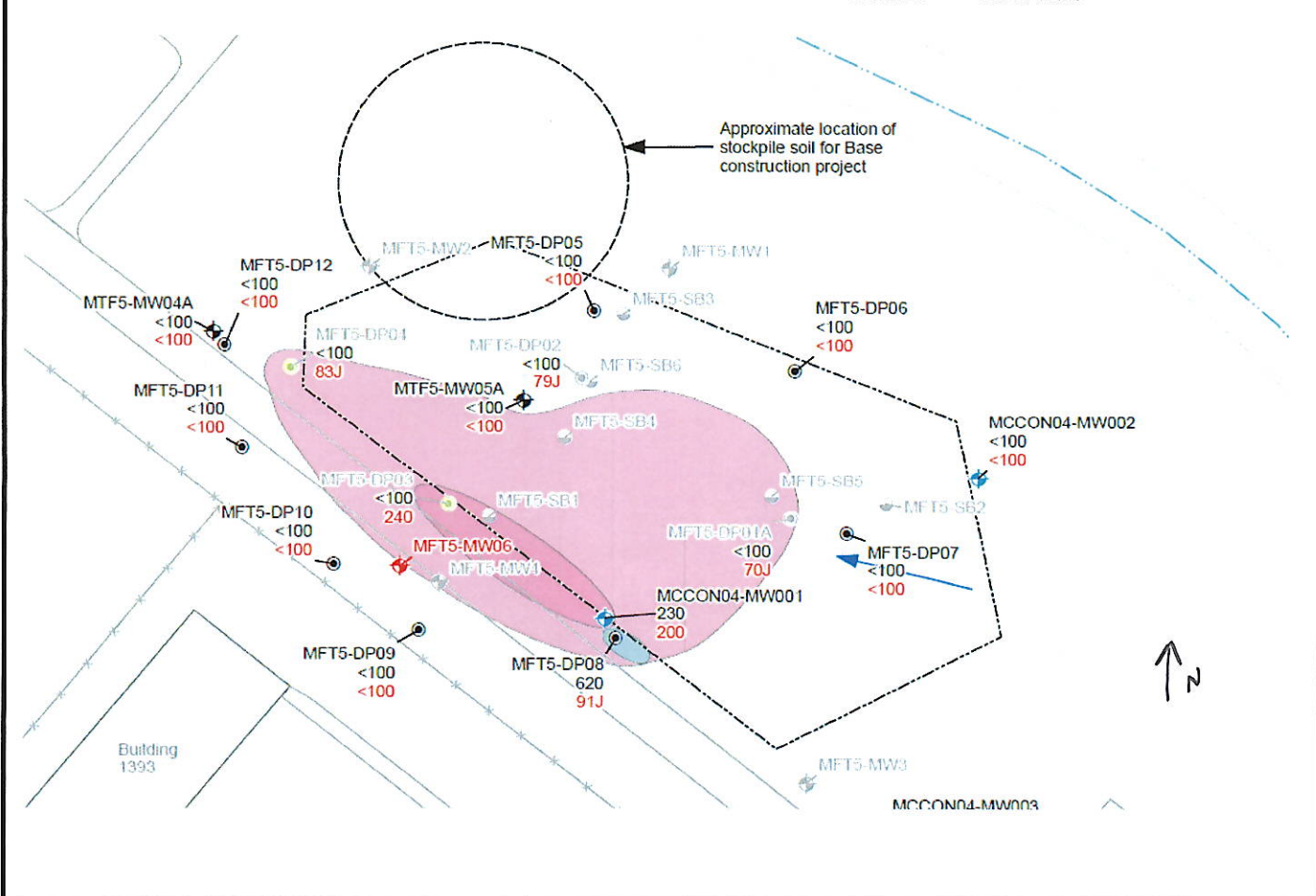
9 GROUT MATERIAL: Grout Intervals: Nearest source of possible contamination: Direction from well? Distance from well?

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a Notes section.

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.

<b>HTRW DRILLING LOG</b>		DISTRICT USACE - Omaha District		HOLE NUMBER MFT5-MW06	
1. COMPANY NAME URS Group, Inc.		2. DRILLING SUBCONTRACTOR Below Ground Surface (BGS)		SHEET SHEETS 1 OF 5	
3. PROJECT McConnell AFB PBR			4. LOCATION McConnell AFB, KS		
5. NAME OF DRILLER Samie Woodard (BGS)			6. MANUFACTURER'S DESIGNATION OF DRILL Geoprobe		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT Geoprobe 6620DT 2.25" Ø direct push rods 8.25" Ø Hollow Stem 5' long acetate liner 2" I.D.		8. HOLE LOCATION See below		9. SURFACE ELEVATION	
12. OVERBURDEN THICKNESS NA		10. DATE STARTED 7/20/21		11. DATE COMPLETED 7/20/21	
13. DEPTH DRILLED INTO ROCK NA		15. DEPTH GROUNDWATER ENCOUNTERED 16' bgs		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED NA 16' bgs 30 min	
14. TOTAL DEPTH OF HOLE 31' 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 <i>[Signature]</i>
					21. TOTAL CORE RECOVERY 79.5% NA

LOCATION SKETCH/COMMENTS SCALE: not to scale



PROJECT McConnell AFB PBR	HOLE MFT5-MW06
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# HTRW DRILLING LOG

(CONTINUATION SHEET)

HOLE  
MFTS-MW06

PROJECT

McConnell AFB PBR

INSPECTOR

Andrew Kelly

SHEET 2 OF 5 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) Hard, moist, dark brown with light brown mottling. 25% coarse gravel inclusions	Field space (FS) = 0.0pp Head space (HS) = 0.2ppm Pocket Penetrometer (PP) = 4.5 tons/ft <sup>2</sup>				Time (T): 0905 Recovery/Run (R/R) = 4.0/5.0
	1						
	2		HS = 0.5 PP = 2.75 FS = 0.0				
	3	End gravel inclusions, very stiff					
	4	becomes medium stiff					
	5	becomes stiff					
	6	Becomes hard, begin 10% calcium carbonate inclusions, coarse sand size					T = 0909 R/R = 4.0/5.0
	7						
	8	becomes very stiff					
	9						
	10						

~~No Recovery (NR)~~

~~NR~~

PROJECT

McConnell AFB PBR

ENG FORM 5056-R, AUG 94

HOLE NO.

MFTS-MW06

(Proponent: CECW-EG)

# HTRW DRILLING LOG

(CONTINUATION SHEET)

HOLE  
MFTS-mw06

PROJECT  
McCormell AFB PBR

INSPECTOR  
Andrew Kelly

SHEET 3 OF 5 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, dark brown mottling, 10% coarse sand calcium carbonate inclusions	PP=2.75 HS=0.6 FS=0.0				T=0912 R/R=3.7/5.0
	11						
	12		PP=2.25 HS=0.8 FS=0.0				
	13						
	14		PP=3.25 HS=0.7 FS=0.1				
	15	becomes hard, <del>wet</del> dark brown with olive gray calcium carbonate inclusions	PP=4.0 HS=0.7 FS=0.1				T=0917 R/R=3.4/5.0
	16	wet					
	17	Begin 10% fine sand	PP=4.25 HS=0.8 FS=0.1				
	18	End fine sand					
	19	Becomes very stiff	PP=2.25 HS=1.1 FS=0.0				
	20						

↖ @ 13.5

NR

NR

PROJECT  
McCormell AFB PBR

HOLE NO.  
MFTS-mw06

# HTRW DRILLING LOG

(CONTINUATION SHEET)

HOLE  
MFTS-MW06

PROJECT  
McConnell AFB PBR

INSPECTOR  
Andrew Kelly *[Signature]*

SHEET 4 OF 5 SHEETS

ELEV. a.	DEPTH b.	DESCRIPTION OF MATERIALS c.	FIELD SCREENING RESULTS d.	GEO TECH SAMPLE OR CORE BOX NO. e.	ANALYTICAL SAMPLE NO. f.	BLOW COUNTS g.	REMARKS h.
	20	Silty clay (CL) stiff, moist, dark brown, 10-20% fine sand	PP=2.0 MS=0.9 FS=0.0				T=0923 R/R=2.2/5.0
	21						
	22		PP=1.25 MS=0.6 FS=0.1				
	23						
	24						
	25	very stiff, moist, yellowish orange with greenish gray mottling 20-30% calcium carbonate inclusions	PP=2.5 MS=1.0 FS=0.1				T=0931 R/R=3.6/5.0
	26	weathered shale					
	27	weathered shale	FS=0.0 PP=3.5 MS=1.0				
	28						
	29		PP=3.25 MS=0.6 FS=0.1				
	30						

PROJECT  
McConnell AFB PBR

HOLE NO.  
MFTS-MW06

# HTRW DRILLING LOG

(CONTINUATION SHEET)

HOLE  
MPTS - MW06

PROJECT  
McConnell AFB PBR

INSPECTOR  
*Andrew Kelly*

SHEET #5 OF #5

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.
	30	silty clay (cl) <del>med to soft</del> very stiff marst, yellowish orange with greenish gray mottling 20-30% calcium carbonate inclusions	PP = 2.25 HS = 0.0 FS = 0.1				T = 0935 R <sub>1</sub> /R = 1.0/1.0
	31		Bottom	of	Boring		
	32						
	33						
	34						
	35						
	36						
	37						
	38						
	39						
	40						

PROJECT  
McConnell AFB PBR

HOLE NO.  
MPTS - MW06