

WATER WELL RECORD

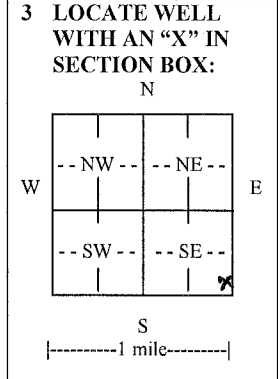
Form WWC-5

KDHE Monitoring Well ID

AAF-MW-2D

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Pratt, Fraction NE 1/4 SE 1/4 SE 1/4 SE 1/4, Section Number 9, Township No. T 27 S, Range Number R 13. Global Positioning System (GPS) information: Latitude: 37.705807, Longitude: -98.73955, Elevation: 1945.04 TOC new. 2 WATER WELL OWNER: KDHE/BER, RR#, Street Address, Box #: 1000 SW Jackson, Suite 410, City, State, ZIP Code: Topeka, KS 66612-1367.



3 LOCATE WELL WITH AN "X" IN SECTION BOX: N, W, E, S. 4 DEPTH OF COMPLETED WELL 120 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 56.15 ft. below land surface measured on mo/day/yr. 8/27/2012. Pump test data: Well water was.....ft. after..... hours pumping..... gpm EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm. Bore Hole Diameter 8.5 in. to 120 ft., and.....in. to.....ft. WELL WATER TO BE USED AS: Public water supply, Geothermal, Injection well, Domestic, Feedlot, Oil field water supply, Dewatering, Other (Specify below), Irrigation, Industrial, Domestic-lawn & garden, Monitoring well. Was a chemical/bacteriological sample submitted to Department? Yes No. If yes, mo/day/yr sample was submitted..... Water well disinfected? Yes No.

5 TYPE OF CASING USED: Steel PVC Other. CASING JOINTS: Glued Clamped Welded Threaded. Casing diameter 2 in. to 120 ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft. Casing height above land surface flush in., Weight 0.703 lbs./ft., Wall thickness or gauge No. Sch. 40. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel PVC Other (Specify). SCREEN OR PERFORATION OPENINGS ARE: Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole), Louvered shutter Key punched Wire wrapped Saw cut Other (specify). SCREEN-PERFORATED INTERVALS: From 110 ft. to 120 ft., From..... ft. to..... ft., From..... ft. to..... ft. GRAVEL PACK INTERVALS: From 106 ft. to 120 ft., From..... ft. to..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Bentonite Grout. Grout Intervals: From 0 ft. to 1 ft., From 1 ft. to 102 ft., From 102 ft. to 106 ft. What is the nearest source of possible contamination: Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below), Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well, Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well Carbon tet in qw. Direction from well 350 ft. Distance from well NE.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: FROM, TO, see attached drillers log, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 8/27/12 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) 8/31/12 under the business name of KDHE/BER by (signature) Pamela C. Chaffee.

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

WELL No. MW-2D

DATE DRILLED	LOCATION OF WELL	N.W. TAG ID	DRILLER	GEOLOGIST
5/24/05	37°42'20"N/98°44'24"W		C. Lewis	T. Vail
TYPE OF SURFACE		DRILLING METHOD / SAMPLING METHOD		DRILL RIG
Grass		4.25" Hollow Stem Augers		CME 75

DEPTH (feet)	SAMPLE DATA				GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (feet)	WELL CONSTRUCTION DETAILS	
	SAMPLE NO. & TYPE	N° (blows/ft)	REG (%)	PI (ppm)				SCHEMATIC	CONSTRUCTION DETAILS
0 - 5						SANDY CLAY(CL)- red to brown, loose, soft	0 - 5		
5 - 10						SILTY LEAN CLAY(CL-ML)- dark brown to black, low plasticity, soft, slightly sandy	5 - 10		
10 - 15						SANDY CLAY(CL)- brown, loose, fine grained	10 - 15		
15 - 20						SILTY LEAN CLAY(CL-ML)- brown, soft, low plasticity	15 - 20		
20 - 25						SILTY LEAN CLAY(CL-ML)- tan to brown, moderate plasticity, soft, trace caliche	20 - 25		
25 - 30						SILTY LEAN CLAY(CL-ML)- gray, moderate to high plasticity, soft	25 - 30		
30 - 35							30 - 35		
35 - 40							35 - 40		

COORDINATES (ft)

Northing: 4.00
Westing:

ELEVATION (ft)

Casing:
Pad:

PROTECTIVE COVER

Type: Stick-Up
Size: 4"
Pad Size: 2'x2'

WELL SEAL/GROUT

Type: Bentonite/Grout
Amount: 50#/120 gal
Water: N/A

WELL PACK

Type: 12-20
Amount: 350#

RISER

Type: PVC
Schedule: 40
Inside Dia.: 2"

SCREEN

Type: PVC
Schedule: 40
Slot: .010
Inside Dia.: 2"

*** SAMPLE TYPE:**

- Shelby Tube
- Split Spoon
- Auger
- NX Core
- Continuous Sampler

WATER LEVEL MEASUREMENTS				
While Drilling	End of Drilling	Static Level	Datum	Date
		56.33	TOC	6/14/05



PROJECT NO.: 057154

PRATT AIRPORT
PRATT, KANSAS
BORING LOG / MONITOR WELL SCHEMATIC

THIS SUMMARY REPORT LIES DIRECTLY ON THIS LOCATION AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.
 APPROVED BY: cae DATE: 7/7/05

WELL No. MW-2D

WELLS LOGS.GPJ GSIWELL.GDT 7/1/05
 BY: cab APPROV: rpb
 OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.
 THIS IS AN ANNI E TIME 3GINS ION: IFFER

DEPTH (feet)	SAMPLE DATA				GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (feet)	WELL CONSTRUCTION DETAILS	
	SAMPLE NO. & TYPE*	TN (blows/ft)	REC (%)	PID (ppm)				SCHEMATIC	NOTES
45					[Hatched Box]	SILTY LEAN CLAY(CL-ML) tan to gray, moderate plasticity, soft	45	[Hatched Box]	
50					[Hatched Box]		50	[Hatched Box]	
55					[Hatched Box]		55	[Hatched Box]	
60					[Hatched Box]		60	[Hatched Box]	
65					[Hatched Box]		65	[Hatched Box]	
70					[Hatched Box]		70	[Hatched Box]	
75					[Hatched Box]	- tan, wet	75	[Hatched Box]	
80					[Hatched Box]		80	[Hatched Box]	
85					[Hatched Box]	SANDY LEAN CLAY(CL) tan, very fine grained, wet	85	[Hatched Box]	
90					[Hatched Box]		90	[Hatched Box]	



PROJECT NO.: 057154

PRATT AIRPORT
 PRATT, KANSAS
 BORING LOG / MONITOR WELL SCHEMATIC

RECEIVED
 SEP 28 2012
 KS GEO SURVE

WELL No. MW-2D

WELLS OF THIS LOCATION WITH TIME DATA PRESENTED IS A SIMPLIFICATION.
 OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.
 APPROV: rpb
 BY: cae
 DATE: 7/1/05
 GSI WELLS LOGS

DEPTH (feet)	SAMPLE DATA					GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (feet)	WELL CONSTRUCTION DETAILS	
	SAMPLE NO. & TYPE	N ^o (blows/ft)	REC (%)	PID (ppm)					SCHEMATIC	NOTES
95						[Hatched Pattern]		95	[Hatched Pattern]	
100						[Dotted Pattern]	SILTY SAND(SM) -very fine to fine grained, well sorted, well rounded, wet	100	[Dotted Pattern]	
105						[Dotted Pattern]		105	[Dotted Pattern]	
110						[Dotted Pattern]	SAND(SP) -very fine to coarse grained, trace very coarse grained, well rounded, well sorted, wet	110	[Dotted Pattern]	
115						[Dotted Pattern]		115	[Dotted Pattern]	
120						[Dotted Pattern]	END OF BORING 120 FEET	120	[Dotted Pattern]	



PROJECT NO: 057154

PRATT AIRPORT
 PRATT, KANSAS
 BORING LOG / MONITOR WELL SCHEMATIC