

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 1/4 1/4 1/4 1/4 Section Number Township Number T S Range Number R E W

2 WELL OWNER: Last Name: Business: Address: City: State: ZIP: 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:

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

4 DEPTH OF COMPLETED WELL: Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: below land surface, measured on (mo-day-yr) above land surface, measured on (mo-day-yr) Pump test data: Well water was after hours pumping gpm Well water was 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: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2. Public Water Supply: well ID Dewatering: how many wells? Aquifer Recharge: well ID Monitoring: well ID Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 3. Oil Field Water Supply: lease Test Hole: well ID Cased Uncased Geotechnical Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

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

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

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

KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.

Visit us at http://www.kdheks.gov/waterwell/index.html

KSA 82a-1212

Form	WWC5
Contractor	Downey Drilling, Inc. #748
Well Owner	JEFF UNRUH
Doc ID	1583772

#### Lithology

From	To	LithologicLog
0	3	TOPSOIL
3	9	BR. SILTY CLAY
9	24	SANDY CLAY W/ CALICHE LAYERS
24	57	SANDY CLAY
57	92	C SAND, F/M GRAVEL
92	94	SAND, SANDY CLAY
94	108	C. SAND, F/M GRAVEL
108	112	SAND, SANDY CLAY
112	157	C. SAND W/ F/M GRAVEL
157	158	CEM SAND
158	163	M/C SAND, FINE GRAVEL
163	168	CLAY
168	187	M/C SAND, FINE GRAVEL
187	192	SANDY CLAY
192	210	M/C SAND, FINE GRAVEL
210	214	CLAY, SANDY CLAY
214	223	M/C SAND W/ F. GRAVEL
223	237	SANDY CLAY
237	246	M/C SAND W/ FINE GRAVEL
246	248	SANDY SILT
248	258	M/C SAND, FINE GRAVEL
258	259	CEM SAND
259	273	M/C SAND, FINE GRAVEL

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From	To	LithologicLog
273	290	SANDY CLAY W/ SAND LENSES
290	294	M/C SAND, TR FINE GRAVEL
294	295	CEM SAND
295	302	M/C SAND, TR F. GRAVEL
302	306	SANDY CLAY
306	327	C SAND, FINE, TR MED GRAVEL
327	335	SAND, SANDY CLAY
335	343	M/C SAND, FINE GRAVEL
343	357	SAND, SANDY CLAY
357	372	MED, TR C SAND
372	427	FINE, MED C SAND W/ FINE GRAVEL
427	446	SANDY CLAY W/ FINE SAND
446	463	TAN CLAY W/ LIMEROCK LENSES
463	485	TAN CLAY
485	525	SHALE
525	585	FINE, TR MED SNAD W/ SS
585	591	RED BED
591	609	F. SAND, SS