

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources; App. No. [REDACTED]

**1 LOCATION OF WATER WELL:** County: Washington Fraction NW 1/4 NE 1/4 SE 1/4 Section Number 17 Township Number T 4 S Range Number R 2 E W

Distance and direction from nearest town or city street address of well if located within city? **Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: 39 42.2433  
 Longitude: 97 13.3083  
 Elevation: \_\_\_\_\_  
 Datum: \_\_\_\_\_  
 Data Collection Method: \_\_\_\_\_

**2 WATER WELL OWNER:** Damian Helms  
 RR#, St. Address, Box # : 744 5th Rd  
 City, State, ZIP Code : Clifton, KS 66937-8891

**3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:**

N			
--NW--	--NE--		
W	X		E
--SW--	--SE--		
S			

**4 DEPTH OF COMPLETED WELL** ..... 157 ..... ft.

Depth(s) Groundwater Encountered (1) 43 ..... ft. (2) 75 ..... ft. (3) 106 ..... ft.

WELL'S STATIC WATER LEVEL 16 ..... ft. below land surface measured on mo/day/yr. 10/2/2013

Pump test data: Well water was 105 ..... ft. after 3 ..... hours pumping 37 ..... gpm  
 Est. Yield 37 ..... gpm: Well water was 114 ..... ft. after 5.5 ..... hours pumping 37 ..... gpm

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes ..... No X .....; If yes, mo/day/yr Sample was submitted..... Water well disinfected? Yes X ..... No .....

**5 TYPE OF CASING USED:** 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued X... Clamped.....  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....  
2 PVC 4 ABS 7 Fiberglass ..... Threaded.....

Blank casing diameter ..... 6 ..... in. to 157 ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface ..... 12 ..... in., weight SDR21 ..... lbs./ft. Wall thickness or gauge No. .... 316 .....

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) .....  
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 5. Guazed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) .....

SCREEN-PERFORATED INTERVALS: From 75 ..... ft. to 80 ..... ft., From 104 ..... ft. to 119 ..... ft.  
 From 137 ..... ft. to 157 ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From 20 ..... ft. to 157 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:** 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Halliburton 16P Holeplug  
 Grout Intervals: From 0 ..... ft. to 20 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

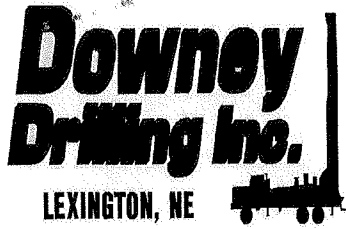
What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify)  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well below  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well .....

Direction from well? ..... East ..... How many feet? ..... 200 ft .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>see Attached log</u>			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/22/2013 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 748 This Water Well Record was completed on (mo/day/year) 10/8/2013 Under the business name of Downey Drilling, Inc. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.



CUSTOMER NAME: DAMIAN HELMS

LEGAL: NE/SW 17-4S-2E

COUNTY: WASHINGTON, KS

GPS: 39 42' 14.6" N

97 13' 18.5" W

DATE: 10/1/2013

FROM	TO	TYPE	HARDNESS	COLOR	OTHER/DRILLING ACTION
0	3	TOPSOIL	SOFT	BLACK	SMOOTH]
3	31	CLAY	SOFT	LIGHT GREY	SMOOTH
31	33		HARD		PULL DOWN
33	43	CLAY	SOFT	GREY	
43	44	TIGHT GRAINED SANDSTONE	FIRM	RUST	CHOPPY
44	66	CLAY	FIRM	GREY	SMOOTH
66	75	CLAY	FIRM	RED	SMOOTH
75	80	SAND	SOFT		
80	84	CLAY	FIRM	GREY	SMOOTH
84	86	CLAY	FIRM	WHITE	SMOOTH
86	106	CLAY	FIRM	RED	
106	110	SAND	SOFTER	LIGHT GREY	CHATTER
110	111	CLAY	HARD	GREY	PULL DOWN
111	113	CLAY	FIRM	GREY	SMOOTH
113	118	SAND	SOFT	LIGHT GREY	CHATTER
118	121	CLAY	FIRMER	GREY	SMOOTH
121	135	CLAY	FIRMER	RED	SMOOTH
135	139	SAND	SOFT	LIGHT GREY	CHATTER
139	142	CLAY	FIRM	GREY	SMOOTH
142	146	SANDSTONE AND SAND	SOFTER	LIGHT GREY	CHATTER
146	151	CLAY	FIRM	GREY	SMOOTH
151	153	SAND AND SANDSTONE	SEMI FIRM	LIGHT GREY	CHOPPY CHATTER
153	155	CLAY	FIRM	GREY	SMOOTHER
155	160	SAND/SANDSTONE	SEMI FIRM	LIGHT GREY	CHATTER/CHOPPY
160	182	CLAY W/ VERY HARD STAIRS	FIRM/VERY FIRM	LIGHT TAN/WHITE	VERY CHOPPY @ TIME