

County: Meade Fraction SW SW SW Sec. 15 T 30 S R 29 E/W

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: Brian Nightengale

Location was listed as:

Section-Township-Range: 15-30 S-29 W

Fraction (1/4 1/4 1/4): None Given

Location changed to:

15-30 S-29 W

SW SW SW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: Legal description, county ownership map, and mapping tool & aerial photos on KGS website.

initials: DRJ date: 10/3/2012

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

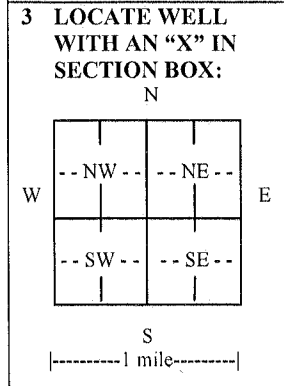
Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: MEADE CO, KS	Fraction 1/4 1/4 1/4 1/4	Section Number 15	Township No. T 30 S	Range Number R 29 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
 PLAINS KS: HWY 54 & CR4 TO RD, 11N TO RD E, 5E TO RD 9, INTO 1 E N 2440 INTO

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: NIGHTENGALE, BRIAN
 RR#, Street Address, Box #: 31607 9RD
 City, State, ZIP Code : MONTEZUMA, KS 67867



4 DEPTH OF COMPLETED WELL 480 ft.
 Depth(s) Groundwater Encountered (1) 230 ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL 230 ft. below land surface measured on mo/day/yr. 9-18-12
 Pump test data: Well water was 265 ft. after 1 hours pumping. 65 gpm
 EST. YIELD 65 gpm. Well water was ft. after hours pumping gpm
 Bore Hole Diameter 9 7/8 in. to 230 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 5 in. to 440 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in., Weight 4.074 lbs./ft., Wall thickness or gauge No. SDR-21-316
 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 None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
 SCREEN-PERFORATED INTERVALS: From 380 ft. to 440 ft., From ft. to ft.
 From 440 ft. to 480 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 130 ft. to 480 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 1 ft. to 25 ft., From ft. to ft., From ft. to 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
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	TOP SOIL	430	445	CLAY
3	18	CALICHE TAN CLAY	445	468	SAND
18	118	TAN CLAY	468	485	TAN/WHITE CLAY
118	126	SANDY CLAY			
126	232	MED. TO COARSE SAND/CLAY			
232	268	CLAY/SANDSTREAKS			
268	290	SAND/CLAY STREAKS			
290	307	BLUE CLAY			
307	384	SAND/CLAY STREAKS			
384	430	MED. SAND			

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) 9-18-12 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430 This Water Well Record was completed on (mo/day/year) 9-18-12 under the business name of Howard Drlq Co Box 806 Beaver Ok 73932 .. by (signature) *Howard Drlq*

INSTRUCTIONS: Use ty pewriter 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. I include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.