

County: Pratt Fraction SW NW NW SW Sec. 27 T 26 S R 11 E/W

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

Owner: Northern Natural Gas

Location was listed as:

Section-Township-Range: 27-265

Fraction (1/4 1/4 1/4): SW SW SW

Location changed to:

27-265-11W

SW NW NW SW

Other changes: Initial statements: _____

Changed to: _____

Comments: Latitude & longitude believed to be off slightly, place well on W. side of road, in conflict with written directions.

Verification method: Written & legal descriptions, location of associated Northern Natural Gas pressure observation well listed in KGS oil & gas database, and KGS online mapping tool. initials: DRJ date: 11/8/2012

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: Pratt	Fraction ¼ SW ¼ SW ¼ SW ¼	Section Number 27	Township No. T 26 S	Range Number R <input type="checkbox"/> E <input type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> From Preston on Hwy 61, S 0.7 on NE 100th Ave to NE 70th St, E 2, N 0.3 on 120th Ave., E.		Global Positioning System (GPS) information: Latitude: 37.753183 (in decimal degrees) Longitude: -98.519858 (in decimal degrees) Elevation: 1808 Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: Northern Natural Gas/ OB 27-41 RR#, Street Address, Box #: P.O. Box 3330 REVISID City, State, ZIP Code : Omaha, NE 68103-0330				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX: N</p> <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 5%;"></td> <td style="width: 5%;">NW</td> <td style="width: 5%;">NE</td> <td style="width: 5%;"></td> </tr> <tr> <td style="width: 5%;">W</td> <td style="width: 5%; border: 1px solid black;">X</td> <td style="width: 5%;"></td> <td style="width: 5%;">E</td> </tr> <tr> <td style="width: 5%;"></td> <td style="width: 5%;">SW</td> <td style="width: 5%;">SE</td> <td style="width: 5%;"></td> </tr> <tr> <td style="width: 5%;"></td> <td style="width: 5%;">S</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> </table> <p style="text-align: center;">-----1 mile-----</p>		NW	NE		W	X		E		SW	SE			S			<p>4 DEPTH OF COMPLETED WELL 126 ft.</p> <p>Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 24 ft. below land surface measured on mo/day/yr. 7/20/12 Pump test data: Well water was..... ft. after..... hours pumping..... gpm EST. YIELD 150... gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 9.7/8 in. to ft., and in. to ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input checked="" type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, mo/day/yr sample was submitted 07/21/12 Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
	NW	NE															
W	X		E														
	SW	SE															
	S																

5 TYPE OF CASING USED: Steel PVC Other
CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to 126 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 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 None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From 126 ft. to 106 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 126 ft. to 81 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 81 ft. to 0 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 Northeast Distance from well 120 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top Soil	123	126	Red Shale
3	16	Sand & Gravel			
16	24	White Clay			
24	35	Sandy Brown Clay			
35	47	Gray Clay			
47	60	Sand & Gravel/Thin Clay Layers			
60	70	Sand & Gravel			
70	81	Tan Clay			
81	99	Clay/Sand Layers			
99	123	Sand & Gravel/Clay Layers			

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) 07/20/12 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 665 This Water Well Record was completed on (mo/day/year) 07/25/12 under the business name of Pratt Well Service, Inc. by (signature) *[Signature]*

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 785-296-5522. 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>.