

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Douglas

Location listed as:

Section-Township-Range: 36-12S-19E

Fraction (1/4 1/4 1/4): NE SE NE

Location changed to:

36-12S-19E

NW SW NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: wellsite address, city street map, and mapping tool on KGS website.

initials: DRD date: 10/7/2010

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.

MW-7

2412263

WATER WELL RECORD Form WWC-5 KSA 82a-1212

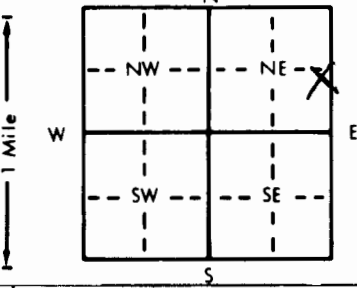
1] LOCATION OF WATER WELL: County: DOUGLAS	Fraction NE 1/4 SE 1/4 NE 1/4	Section Number 36	Township Number T 12 S	Range Number R 19 E
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Distance and direction from nearest town or city street address of well if located within city?

2005 W. 9th LAWRENCE, KS

2] WATER WELL OWNER: **TOTAL PETROLEUM**
 RR#, St. Address, Box #: **999 18th St., PO Box 500**
 City, State, ZIP Code: **Denver, CO 80201**
 Board of Agriculture, Division of Water Resources
 Application Number:

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



4] DEPTH OF COMPLETED WELL: **13.5** ft. ELEVATION:

Depth(s) Groundwater Encountered 1. **13.1** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL **7.6** ft. below land surface measured on mo/day/yr **4/30/97**
 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** in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only **0** Monitoring well **MW-7**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X**; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No **X**

5] TYPE OF BLANK CASING USED:

Blank casing diameter **2** in. to **3** ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.
 Casing height above land surface **Flush mount** in., weight **0.703** lbs./ft. Wall thickness or gauge No. **Schedule 40**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot **3** Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **3** ft. to **13** ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **2** ft. to **13.5** 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 _____

Grout Intervals: From **0.5** ft. to **2** 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 **11 Fuel storage** 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) _____
 Direction from well? **NW** How many feet? **300'**

FROM		TO		LITHOLOGIC LOG	FROM		TO		PLUGGING INTERVALS
0	1	0	2'	Cement (Flu)	0	2'		Concrete Flushmount	
1	7.5			Silty Clay (CL)				per agreement w/ Mr	
7.5	13.5			Weathered LS				Don Taylor w/ KDAE	

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) **6/6/97** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **531** This Water Well Record was completed on (mo/day/yr) **6/6/97** under the business name of **Geotechnical Services, Inc.** by (signature) _____