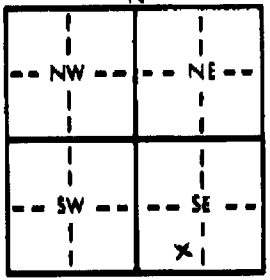


WATER WELL RECORD Form WWC-5 KSA 82a-1212

LOCATION OF WATER WELL: Fraction SE 1/4 SW 1/4 SE 1/4 Section Number 22 Township Number T 3 S Range Number R 18 E/W
 Inty: Phillips
 Distance and direction from nearest town or city street address of well if located within city?

Farmland Refinery
 WATER WELL OWNER: Farmland Petroleum Refining Division
 #, St. Address, Box #: Highway 183 N, P.O. Box 608
 State, ZIP Code: Phillipsburg, KS 67461
 Board of Agriculture, Division of Water Resources
 Application Number:

LOCATE WELL'S LOCATION WITH IN "X" IN SECTION BOX:  DEPTH OF COMPLETED WELL: 65 ft. ELEVATION: 1940.44
 Depth(s) Groundwater Encountered: 1. 29 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 29.40 ft. below land surface measured on 08/26/92
 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: 24 in. to 65 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well 12 Other (Specify below)
C-2 Groundwater Remediation Well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____ If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded _____
 Threaded
 Blank casing diameter: 10 in. to _____ ft. Dia. _____ in. to _____ ft. Dia. _____ in. to _____ ft.
 Casing height above land surface: 22.9 in. weight _____ 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 .060 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 65 ft. to 25 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 65 ft. to 22 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

GRAVEL PACK MATERIAL: 1 Neat cement 2 Cement grout 4% bentonite 3 Bentonite 4 Other cement grout
 Put intervals: From 22 ft. to 20 ft. From 20 ft. to 2 ft. From 2 ft. to Surface (4) ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 10 Livestock pens 14 Abandoned water well
 15 Oil well/Gas well
 16 Other (specify below) _____
 How many feet? _____

Action from well?		LITHOLOGIC LOG	PLUGGING INTERVALS	
FROM	TO		FROM	TO
0	2	Clayey silt		
2	5	Sandy clayey silt		
5	7	Sandy clay		
7	15	Sandy clayey silt		
15	27	clayey sand		
27	28	Sand with limestone		
28	38	Sandy silty clay		
38	40	Sandy clay		
40	45	Sandy silty clay		
45	46	Sandy silty clay with limestone		
46	52	Sandy silty clay		
52	58	Sandy clay		
58	61	Sandy silty clay		
61	65	Silty clay with sand		

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) 08/26/92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 527 This Water Well Record was completed on (mo/day/yr) 8/26/92 by (signature) Dan A. Bell

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