

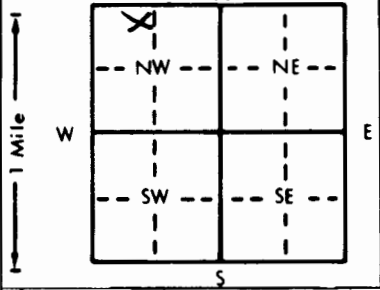
1 LOCATION OF WATER WELL: County: **HARVEY** Fraction: **NE 1/4 NW 1/4 NW 1/4** Section Number: **8** Township Number: **T 23 S** Range Number: **R 1 E**

Distance and direction from nearest town or city street address of well if located within city?
FARMERS GRAIN COOP 24th & Old Hwy 81, N. Newton, KS **MW-4**

2 WATER WELL OWNER: **FARMERS GRAIN COOP**
 RR#, St. Address, Box #: **24th & Old Hwy 81**
 City, State, ZIP Code: **N. Newton, KS 67114**
 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: **17.32** ft. ELEVATION: **1448.80**



Depth(s) Groundwater Encountered 1. **12.0** ft. 2. **-** ft. 3. **-** ft.
 WELL'S STATIC WATER LEVEL **12.09** ft. below land surface measured on mo/day/yr **3-8-93**
 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 **20.5** ft., and **-** in. to **-** ft.
 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 Lawn and garden only **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 **-** No **X**

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **-** Clamped **-**
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded **-**
 Blank casing diameter **2** in. to **7.32** ft., Dia **-** in. to **-** ft., Dia **-** in. to **-** ft.
 Casing height above land surface **- 4.32** in., weight **-** lbs./ft. Wall thickness or gauge No. **40**

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass **7 PVC** 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) **X**
 9 ABS 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 **17.32** ft. to **7.32** ft., From **-** ft. to **-** ft.
 From **-** ft. to **-** ft., From **-** ft. to **-** ft.

GRAVEL PACK INTERVALS: From **20.5** ft. to **5.3** 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 **5.3** ft. to **0** 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? **EAST** How many feet? **140**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.5	GRAVEL			
0.5	1.5	DARK Grey Silty Clay			
1.5	13.5	Red Brown Silty Clay			
13.5	17.5	Lt. Brown & Grey Silty Clay			
17.5	20.5	Grey SANDY SILTY CLAY			

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) **3/4/93** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **410** This Water Well Record was completed on (mo/day/yr) **7/23/93** under the business name of **Terracon Consultants Inc** by (signature) **Richard D. Murphy**