

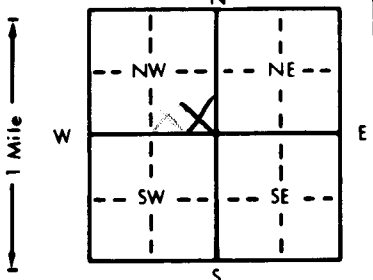
MW-18E

1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NW 1/4 Section Number 35 Township Number T 11 S Range Number R 19 E
 County: Jefferson

Distance and direction from nearest town or city street address of well if located within city?
Hamm landfill

2 WATER WELL OWNER: Hamm Quarries
 RR#, St. Address, Box #: PO Box 17
 City, State, ZIP Code: Perry KS 66073-0017
 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: 39 ft. ELEVATION: 0
 Depth(s) Groundwater Encountered 1. 22 ft. 2. 2 ft. 3. 0 ft.
 WELL'S STATIC WATER LEVEL 17.93 ft. below land surface measured on mo/day/yr 8/24/98
 Pump test data: Well water was 0 ft. after 0 hours pumping 0 gpm
 Est. Yield 0 gpm: Well water was 0 ft. after 0 hours pumping 0 gpm
 Bore Hole Diameter 6.125 in. to 39 ft., and 0 in. to 0 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 MW-18E
 Was a chemical/bacteriological sample submitted to Department? Yes 0 No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes 0 No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued 0 Clamped 0
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass Threaded X
 Blank casing diameter 2 in. to 20 ft., Dia. 0 in. to 0 ft., Dia. 0 in. to 0 ft.
 Casing height above land surface 24 in., weight SPH 40 lbs./ft. Wall thickness or gauge No. 0
 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) 0
 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) 0
 SCREEN-PERFORATED INTERVALS: From 39 ft. to 20 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 GRAVEL PACK INTERVALS: From 39 ft. to 18 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 From 0 ft. to 0 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other 0
 Grout Intervals: From 18 ft. to 15 ft., From 15 ft. to 0 ft., From 0 ft. to 0 ft., From 0 ft. to 0 ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) monitor landfill
 13 Insecticide storage
 Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|------|-------------------|------|----|--------------------|
| 0 | 2 | Clay & silt | | | |
| 2 | 10 | Limestone | | | |
| 10 | 23 | Shale | | | |
| 23 | 23.5 | Black shale/coal? | | | |
| 23.5 | 39 | Shale | | | |
| 39 | TD | end of bore hole | | | |

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) 2/6/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo/day/yr) 8/26/98 under the business name of AEI by (signature) Aduncan for DBlencan

OFFICE USE ONLY
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