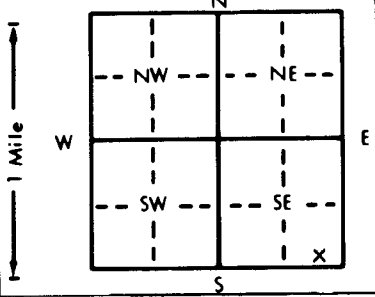


1 LOCATION OF WATER WELL: Fraction S/2 1/4 SE 1/4 SE 1/4 Section Number 24 Township Number T 28 S Range Number R 16 E/W
 County: KIOWA

Distance and direction from nearest town or city street address of well if located within city?
 2-5 1-E OF HAVILAND, KS.

2 WATER WELL OWNER: JIM EMERSON
 RR#, St. Address, Box # : 3108 NATALIE Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : PLANO, TEXAS 7 5074 Application Number: T91-0548

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



4 DEPTH OF COMPLETED WELL: 180 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL . . . 115. . . . ft. below land surface measured on mo/day/yr
 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. . . 9. . . . in. to 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 x6 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 NoX

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued x Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 x PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter . . . 5. . . . in. to . . . 160 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface . . . 12 in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: x7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot x3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 160 ft. to 180 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 180 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout x3 Bentonite 4 Other
 Grout Intervals: From . . . 0 ft. to . . . 20 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage . . . NONE

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	#3	top soil			
3	70	clay			
70	110	gravel			
110	150	clay			
150	180	gravel			

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) . . . 12-15-92 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . . 462-8 This Water Well Record was completed on (mo/day/yr) . . . # 3-13-92 under the business name of SAM'S WATER WELL SERVICE by (signature) *Jim Emerson*