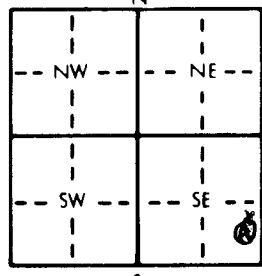


1 LOCATION OF WATER WELL: Fraction NE 1/4 SE 1/4 SE 1/4 Section Number 19 Township Number T 29 S Range Number R 11 EW
 County: ELK

Distance and direction from nearest town or city street address of well if located within city?
2 1/4 Miles North 1 mile East 1/8 Mile South of Howard, KS

2 WATER WELL OWNER: James Maloy
 RR#, St. Address, Box #: RR #2 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Howard, KS 67349 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 125 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 24 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 85 ft. below land surface measured on mo/day/yr 5-18-91
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 1/2 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 14 in. to 20 ft. and 9 7/8 in. to 125 ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 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 If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 10 in. to 20 ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface 18 in. weight 160 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 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 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From ft. to ft. From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From ft. to ft. From ft. to ft. From ft. to ft.

6 GROUT MATERIAL: Neat cement 2 Cement grout 3 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
 Direction from well? South How many feet? 50

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top Soil	108	125	Red Shale
3	16	Clay			
16	18	Lime			
18	23	Hard Gray Shale			
23	29	Lime			
29	32	Lime/shale			
32	48	Shale			
48	50	Lime			
50	64	Hard Gray Shale Shale w/lime streaks			
64	76	Lime			
76	78	Gray Shale			
78	97	Lime			
97	100	Black Shale			
100	103	Lime			
103	108	Gray Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 5-16-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 464 This Water Well Record was completed on (mo/day/yr) 5/18-91 under the business name of WATER WELL SERVICES by (signature) [Signature]