County: Sheridan NE ¼ NW ¼ NW ¼ 27 T 9 S R 2 Distance and direction from nearest town or city street address of well if located within city? 7 miles south 1/8 mile east WATER WELL OWNER: Tom Haffner RR#, St. Address, Box #: R. R. #2 Box 22 Board of Agriculture, Division of We Application Number: 39, 2 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: WELL'S STATIC WATER LEVEL. 125 ft. below land surface measured on mo/day/yr Depth(s) Groundwater Encountered 1. WELL'S STATIC WATER LEVEL. 125 ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping. Est. Yield gpm: Well water was ft. after hours pumping. Bore Hole Diameter. 28 in to 198 ft. after hours pumping 12 Other (Specify Delow) WELL WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (Specify Delow) Was a chemical/bacteriological sample submitted to Department? Yes. No. 2,	ftgpmftgpmftftgpmftgpmft
Distance and direction from nearest town or city street address of well if located within city? 7 miles south 1/8 mile east Tom Haffner R. R. #2 Box 22 Board of Agriculture, Division of We Application Number: 39, 2 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVEL. 125 ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping bor Hole Diameter 28. in to 198 ft. and in to WELL WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (Specific 2) Ingestion 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 sa mitted TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued x. Clar water was glameter 16. in. to 138 ft. Dia in. to to the casing height above land surface 18. in., weight 15.54 lbs./ft. Wall thickness or gauge No. ft. pev. ft. Dia in. to to the casing height above land surface. 18. in., weight 15.54 lbs./ft. Wall thickness or gauge No. ft. pev. ft. Dia in. to to the casing height above land surface 18. in., weight 15.54 lbs./ft. Wall thickness or gauge No. ft. pev. ft. Dia in. to to the casing height above land surface 18. in., weight 15.54 lbs./ft. Wall thickness or gauge No. ft. pev. ft. Dia in. to to the casing height above land surface 18. in., weight 15.54 lbs./ft. Wall thickness or gauge No. ft. pev. f	ater Resources 158ftgpmft. y below)
WATER WELL OWNER: TOM Haffner R. R. #2 Box 22 Board of Agriculture, Division of Water Steel S	ftgpmftgpmftftgpmftgpmft
WATER WELL OWNER: TOM Haffner RR#, St. Address, Box #: R. R. # 2 Box 22 Grainfield, Ks. 67737 Application Number: 39, 2 LOCATE WELL'S LOCATION WITH A DEPTH OF COMPLETED WELL. 198 ft. ELEVATION: AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVEL. 125. ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping. Est. Yield gpm: Well water was ft. after hours pumping. Est. Yield gpm: Well water was ft. after hours pumping in the companient of the compani	ftgpmftgpmftftgpmftgpmft
RR#, St. Address, Box # R. R. #2 BOX 22 City, State, ZIP Code : Grainfield, Ks. 67737 LOCATE WELL'S LOCATION WITH A DEPTH OF COMPLETED WELL. 198 ft. ELEVATION: AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1 ft. 2. ft. 3. WELL'S STATIC WATER LEVEL . 125 ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping . Est. Yield gpm: Well water was ft. after hours pumping . Bore Hole Diameter . 28 in. to 198 ft. and in. to . WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 2 Imrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well . TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clar was mitted . ABS 7 Fiberglass Threaded . 2 PVC 4 ABS 7 Fiberglass Threaded . 18 in. to . 138 ft., Dia in. to	ftgpmftgpmftftgpmftgpmft
City, State, ZIP Code : Grainfield, Ks. 67737 Application Number: 39, 2 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1	ftgpmftgpmftftgpmftgpmft
LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. WELL'S STATIC WATER LEVEL 125. ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping Bore Hole Diameter 28. in. to 1.98. ft. and in. to in. to WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well Was a chemical/bacteriological sample submitted to Department? Yes	gpm gpm ft. y below) mple was sub-
Depth(s) Groundwater Encountered 1	gpm gpm ft. y below) mple was sub-
WELL'S STATIC WATER LEVEL 125 ft. below land surface measured on mo/day/yr	gpm gpm ft. y below) umple was sub-
Pump test data: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping Bore Hole Diameter 2.8 in. to 1.9.8 ft., and in. to WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well WELL WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (Specific 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 sa mitted Water Well Disinfected? Yes No Water Well Disinfected? Yes No TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clar 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Threaded 1 ABS 7 Fiberglass Threaded 1 Staing height above land surface 1 8 in. to 138 ft., Dia in. to ft., Dia in. to Casing height above land surface 1 8 in., weight 15.54 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) 11 None (or 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes	gpm gpm ft. y below) mmple was sub-
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Casing height above land surface	mple was sub-
Was a chemical/bacteriological sample submitted to Department? Yes	mple was sub-
TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 2 PYC 4 ABS 7 Fiberglass Threaded. Blank casing diameter 16 in to 138 ft., Dia in to Casing height above land surface 18 in., weight 15 54 lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: 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 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes	mped
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1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes	
'''	pen hole)
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)	
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)	
From ft. to ft., From ft., From ft. to	
GRAVEL PACK INTERVALS: From20	
From ft. to ft., From ft. to	ft.
GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other	
Grout Intervals: FromQft. to2g ft., From ft. to ft., From ft. to	
What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned wat	
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas we	
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify t	
	•
Circulation from 1990 SW	
Direction from well? SW How many feet? 1000 FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS	
0 3 Surface 98 114 Clay	
24 29 Med. sand 121 123 Sandy clay	
29 40 Clay 123 124 Clay	
40 44 Med. sand 124 134 Med. sand	
44 49 Clay 134 136 Clay	
49 53 Med. sand 136 140 Med. sand	
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard)	
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand	
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand 62 70 Clay 149 151 Caliche	
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand 62 70 Clay 149 151 Caliche 70 75 Med. sand 151 174 Med. sand (couple class)	ay strea
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand 62 70 Clay 149 151 Caliche 70 75 Med. sand 151 174 Med. sand (couple classes) 75 90 Clay with thin sand streaks 174 178 Clay	ay strea
49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand 62 70 Clay 149 151 Caliche 70 75 Med. sand 151 174 Med. sand (couple classes) 75 90 Clay with thin sand streaks 174 178 Clay 90 93 Med. sand 178 193 Med. sand	ay strea
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49 53 Med. sand 136 140 Med. sand 53 60 Caliche 140 146 Caliche (hard) 60 62 Med. sand 146 149 Med. sand 62 70 Clay 149 151 Caliche 70 75 Med. sand 151 174 Med. sand (couple clay 75 90 Clay with thin sand streaks 174 178 Clay 90 93 Med. sand 178 193 Med. sand 93 98 Clay 193 195 Ochre	ay strea