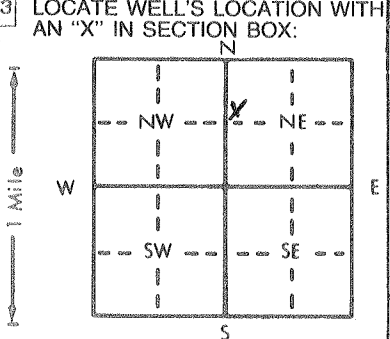


1 LOCATION OF WATER WELL: County: Morris Fraction: SW 1/4 NW 1/4 NE 1/4 Section Number: 31 Township Number: T 15 S Range Number: R 6 E

Distance and direction from nearest town or city street address of well if located within city?
1/2 East of 3 1/2 North Delevan

2 WATER WELL OWNER: Black Diamond Feedlot
 RR#, St. Address, Box #: RT 1 Board of Agriculture, Division of Water Resource
 City, State, ZIP Code: Delevan, Kansas 66847 Application Number: 38788



4 DEPTH OF COMPLETED WELL: 117 ft. ELEVATION: 103 ft.
 Depth(s) Groundwater Encountered 1. 103 ft. 2. 103 ft. 3. 103 ft.
 WELL'S STATIC WATER LEVEL: 41.4 ft. below land surface measured on mo/day/yr April 1 88
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 2.6 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 8 in. to 3.1 ft., and 6 1/2 in. to 117 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; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 5 in. to 8.7 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: 18 in., weight lbs./ft. Wall thickness or gauge No. SPR-26

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 12 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 8.7 ft. to 117 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From NONE ft. to 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 3 ft. to 3.1 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? East How many feet? 200

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil	97	100	LIME Lite
2	17	Shale Red & Green	100	101	Shale Gray
17	28	LIME wht	101	102	LIME TAN
28	35	Shale Green to Gray	102	103	Shale Gray
35	46	LIME TAN	103	111	LIME Frac Lost Circulation
46	57	Shale Yel	111	112	Shale
57	60	LIME TAN	112	112	LIME
60	68	Shale Red	112	112	
68	70	LIME	112	117	LIME
70	72	Shale Red			
72	73	LIME Brn			
73	78	Red Rock			
78	87	Shale Red & Green			
87	93	LIME TAN			
93	97	Shale Gray			

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) April 1 88 and this record is true to the best of my knowledge and belief, Kansas Water Well Contractor's License No. 218 This Water Well Record was completed on (mo/day/yr) April 30 88 under the business name of Zinn Water Well Drlg by (signature) Joseph A. Zinn