

1 LOCATION OF WATER WELL: County: Morton	Fraction SE ¼ SE ¼ SE ¼	Section Number 9	Township Number T 34 S	Range Number R 42 E/W
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Distance and direction from nearest town or city street address of well if located within city? **From Elkhart go 7 mi North****east into location.**

2 WATER WELL OWNER: U.S. Government Forest Service Cimarron Natrual Grassland	RR#, St. Address, Box #: 737 Vilymasa	City, State, ZIP Code: Elkhart, Kansas	Sage Drilling	Board of Agriculture, Division of Water Resources	Application Number: T 86-289
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 220 ft. ELEVATION: 150 ft.
	Depth(s) Groundwater Encountered 1. 150 ft. 2. 150 ft. 3. 150 ft. WELL'S STATIC WATER LEVEL 70 ft. below land surface measured on mo/day/yr 8/14/86 Pump test data: Well water was 75 gpm: Well water was 75 ft. after 75 hours pumping 75 gpm Est. Yield 75 gpm: Well water was 75 ft. after 75 hours pumping 75 gpm Bore Hole Diameter 9 in. to 220 ft., and 220 in. to 220 ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot <u>6 Oil field water supply</u> 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No ; If yes, mo/day/yr sample was submitted No Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: <u>Glued</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	11 Other (specify)
Blank casing diameter 5 1/2 in. to 80 ft., Dia 28 in. to 2.85 lbs./ft. Wall thickness or gauge No. 265			
Casing height above land surface 28 in., weight 2.85 lbs./ft. Wall thickness or gauge No. 265			
TYPE OF SCREEN OR PERFORATION MATERIAL:	5 Fiberglass	8 RMP (SR)	11 Other (specify)
1 Steel	3 Stainless steel	6 Concrete tile	9 ABS
2 Brass	4 Galvanized steel	7 Torch cut	10 Other (specify)
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 80 ft. to 220 ft., From 80 ft. to 220 ft., From 80 ft. to 220 ft., From 80 ft. to 220 ft.			
GRAVEL PACK INTERVALS: From 40 ft. to 220 ft., From 40 ft. to 220 ft., From 40 ft. to 220 ft., From 40 ft. to 220 ft.			

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

Direction from well? Southeast of water well	How many feet? 150'
FROM TO LITHOLOGIC LOG	FROM TO LITHOLOGIC LOG
0 2 surface	
2 22 sandy clay	
22 28 gravel	
28 41 caliche	
41 73 clay	
73 163 red sandstone mixed with red bed	
163 179 gold sandstone	
179 208 red sandstone mixed with red bed	
208 220 red bed	

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) August 14, 1986 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 118 This Water Well Record was completed on (mo/day/yr) August 18, 1986 under the business name of Carlile Water Well Service, Inc. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.