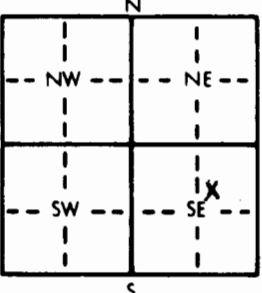


1 LOCATION OF WATER WELL: County: Stevens	Fraction SW 1/4 NE 1/4 SE 1/4	Section Number 21	Township Number T 33 S	Range Number R 35 EW
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Distance and direction from nearest town or city street address of well if located within city? **Woods, Kansas 1 mi west 3/4 south 660' west into location**

2 WATER WELL OWNER: **Marion L. Maneth** **ARCO/Zenith**
 RR#, St. Address, Box #: **Rt. 2 - Box 37A**
 City, State, ZIP Code: **Liberal, Kansas 67901**
 Board of Agriculture, Division of Water Resources
 Application Number: **T87-401**

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



4 DEPTH OF COMPLETED WELL: **280** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. **162** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **162** ft. below land surface measured on mo/day/yr **Oct. 2, 1987**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield **90** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **9** in. to **280** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 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 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X**; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes **X** No _____

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass _____ Threaded _____
 Blank casing diameter **5.563** in. to **180** ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface **28** in., weight **2.93** lbs./ft. Wall thickness or gauge No. **265**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped **8 Saw cut** 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From **180** ft. to **280** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **280** 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 **Hole Plug**
 Grout Intervals: From **0** ft. to **20** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage **15 Oil well/Gas well**
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **Northeast** How many feet? **175**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface			
2	28	Sandy clay			
28	43	Med. to large sand			
43	58	Clay			
58	65	Med. to large sand			
65	97	Clay			
97	118	30% Clay 70% fine sand			
118	143	Med to large sand			
143	182	White sandy clay			
182	271	Med. to large sand			
271	280	40% clay 60% med to large sand			

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) **October 2, 1987** 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) **October 3, 1987** under the business name of **Carlile Water Well Service, Inc.** by (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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

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