

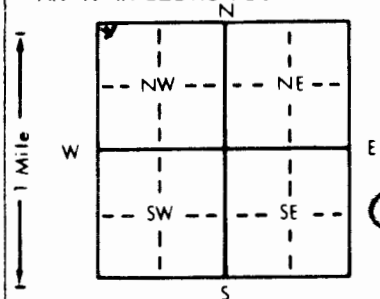
1 LOCATION OF WATER WELL: Fraction 064 NW 1/4 NW 1/4 NW 1/4 Section Number 20 Township Number T 16 S Range Number R 8 E
 County: Norris

Distance and direction from nearest town or city street address of well if located within city?

2 3/4 West of Council Grove

2 WATER WELL OWNER: Jerry Borth
 RR#, St. Address, Box #: Rt 1 Box 278A
 City, State, ZIP Code: Council Grove, KS 66846
 Board of Agriculture, Division of Water Resources
 Application Number:

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



4 DEPTH OF COMPLETED WELL: 80 ft. ELEVATION: 60 ft.

Depth(s) Groundwater Encountered 1. 60 ft. 2. 65 ft. 3. 80 ft.

WELL'S STATIC WATER LEVEL 65 ft. below land surface measured on mo/day/yr Feb 14-95

Pump test data: Well water was 15 gpm. Well water was 25 ft. after 6 7/8 hours pumping 80 gpm

Est. Yield 15 gpm. Well water was 25 ft. after 6 7/8 hours pumping 80 gpm

Bore Hole Diameter 8 5/8 in. to 25 ft. and 6 7/8 in. to 80 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 X 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 X Clamped

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded

2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 5 in. to 65 ft. Dia in. to ft. Dia in. to ft.

Casing height above land surface 18 in. weight lbs./ft. Wall thickness or gauge No. SDR-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 65 ft. to 80 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 3 Cement grout 3 Bentonite 4 Other

Grout intervals: From 3 ft. to 25 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 Proposed 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 East How many feet? 180

FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS

0 3 Top Soil - Blk

3 4 Lime Yel - Frac.

4 6 Lime Yel - Solid

6 9 Shale TAN

9 11 Lime TAN

11 14 Shale Gray

14 50 Lime & Flint TAN Florence

50 58 Shale Gray to Green

58 67 Red Rock

67 68 Lime - Frac

68 80 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) Feb 14-95 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) Feb 14-95

under the business name of Zinn Water Well Dring by (signature) Joseph A. Zinn