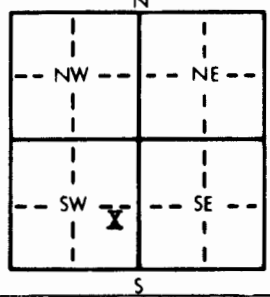


1 LOCATION OF WATER WELL: County: **Meade** Fraction: **NE 1/4 SE 1/4 SW 1/4** Section Number: **33** Township Number: **T 32 S** Range Number: **R 28 E/W**

Distance and direction from nearest town or city street address of well if located within city?
5 South, 1 1/2 West of Meade, Ks.

2 WATER WELL OWNER: **Southwest Gas Storage**
 RR#, St. Address, Box #: **Nye Route, Box 62 A**
 City, State, ZIP Code: **Meade, Ks. 67864**
 Board of Agriculture, Division of Water Resources
 Application Number: **McNaughton 3-33**

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



4 DEPTH OF COMPLETED WELL: **288** ft. ELEVATION: **Slope**
 Depth(s) Groundwater Encountered: 1. **23** ft. 2. **160** ft. 3. **235** ft.
 WELL'S STATIC WATER LEVEL: **2** ft. below land surface measured on mo/day/yr **12-5-81**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **9 7/8** in. to **288** ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot **XX** 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 **XX**; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes **XXX** No

5 TYPE OF CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **XXX** Clamped _____
XX PVC 4 ABS 7 Fiberglass _____ Threaded _____
 Blank casing diameter: _____ in. to **148** ft., ~~168~~ **168** in. to **188** ft., ~~208~~ **208** in. to **228** ft.
 Casing height above land surface: **12** in., weight **2.8** 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) _____
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped **XX** 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 **148** ft. to **168** ft., From **188** ft. to **208** ft.
 From **228** ft. to **288** ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **14** ft. to **288** ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: **XX** Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **4** ft. to **14** 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 **XX** Other (specify below)
 _____ **Gas Storage Well** _____
 13 Insecticide storage
 Direction from well? **East** How many feet? **125**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1	Topsoil			
1	23	Sandy Clay			
23	60	Loose Blue Clay & Fine Sand			
60	160	Blue Clay			
160	210	Fine Cemented Sand			
210	235	Clay			
235	240	Med. Sand			
240	295	Clay			
295	300	Fine Sand			
300	312	Clay and Caliche			
312	318	Med. Sand			
318	334	Clay w/Streaks of Sand			
334	336	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) **December 5, 1981** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **252** This Water Well Record was completed on (mo/day/year) **December 10, 1981** under the business name of **Friesen Windmill & Supply 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
32
R
28
EW
SEC.
33
NE 1/4 SE 1/4 SW 1/4