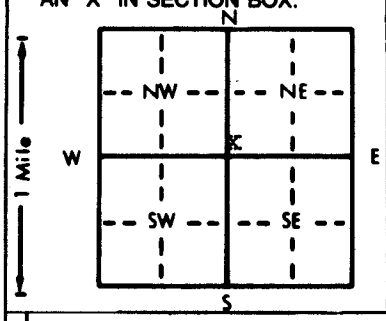
WATER WELL RECORD Form WWC-5 KSA 82a-1212

| 1 LOCATION OF WATER WELL: County: Osborne | Fraction: SW ¼ SW ¼ NE ¼ | Section Number: 22 | Township Number: T 10 S | Range Number: R 15 E/W |
|---|---|---|---|---|

Distance and direction from nearest town or city street address of well if located within city?
2 East, 2 South of Natoma, Kansas

2 WATER WELL OWNER: Dean Elliott
RR#, St. Address, Box # : Waldo, Kansas
City, State, ZIP Code :
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 60 ft. ELEVATION: Valley
Depth(s) Groundwater Encountered 1. 36 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 11ft 6in below land surface measured on mo/day/yr March 6,1987
Pump test data: Well water was 15 ft. after 1 hours pumping 25 gpm
Est. Yield 75 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 10 in. to 60 ft., and in. to ft.
WELL WATER TO BE USED AS: 10
1 Domestic 3 Feedlot 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)
2 Irrigation 4 Industrial
Was a chemical/bacteriological sample submitted to Department? Yes X No ; If yes, mo/day/yr sample was submitted March 6, 1987
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 2
1 Steel 3 RMP (SR) 5 Wrought iron 6 Asbestos-Cement 8 Concrete tile 9 Other (specify below)
2 PVC 4 ABS 7 Fiberglass
CASING JOINTS: Glued X Clamped Welded Threaded
Blank casing diameter 5 in. to 40 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 36 in., weight 160 lbs./ft. Wall thickness or gauge No. ,26
TYPE OF SCREEN OR PERFORATION MATERIAL: 7
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 9 ABS 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 8
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 6 Wire wrapped 8 Saw cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 40 ft. to 60 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 60 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: 15
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? West How many feet? 150

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|---|---|---|---|---|---|
| 0 | 6 | Topsoil | | | |
| 6 | 21 | Brown clay | | | |
| 21 | 36 | Clay and white rock | | | |
| 36 | 38 | Sand and white rock | | | |
| 38 | 40 | White rock | | | |
| 40 | 49 | Sand | | | |
| 49 | 60 | Shale | | | |

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) May 18, 1987 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 199 This Water Well Record was completed on (mo/day/yr) May 29, 1987 under the business name of Karst Water Well Drilling & 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, 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.

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