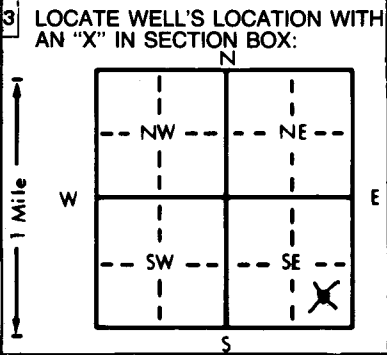


1 LOCATION OF WATER WELL: Fraction C/SE 1/4 SE 1/4 SE 1/4 Section Number 12 Township Number T 30 S 3 Range Number R 41 W E W  
 County: Scranton

Distance and direction from nearest town or city street address of well if located within city?  
14 miles north of Richfield, KS on Highway 27 and east into.

2 WATER WELL OWNER: Rosewood Resources  
 RR#, St. Address, Box #: 2600 Thanksgiving Tower Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Dallas, TX 75201 Application Number: T85-252



4 DEPTH OF COMPLETED WELL: 300 ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. 220 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL 220 ft. below land surface measured on mo/day/yr 2-15-85  
 Pump test data: Well water was 225 ft. after 1 hours pumping 100 gpm  
 Est. Yield 100 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter 9 1/2 in. to 300 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  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 ; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes  No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued  Clamped .....  
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass Threaded.....  
 Blank casing diameter 5 in. to 180 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface 24 in., weight ..... lbs./ft. Wall thickness or gauge No. 258  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 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  Saw cut 11 None (open hole)  
 1 Continuous slot  Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) .....  
 SCREEN-PERFORATED INTERVALS: From 180 ft. to 300 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 120 ft. to 300 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL:  Neat cement 2 Cement grout 3 Bentonite 4 Other Dirt  
 Grout Intervals: From 1 ft. to 15 ft., From 15 ft. to 100 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? How many feet?

| FROM | TO  | LITHOLOGIC LOG                | FROM | TO | LITHOLOGIC LOG |
|------|-----|-------------------------------|------|----|----------------|
| 0    | 40  | Clay                          |      |    |                |
| 40   | 80  | Sand                          |      |    |                |
| 80   | 100 | Sand-Clay                     |      |    |                |
| 100  | 160 | Clay                          |      |    |                |
| 160  | 180 | Sandy Clay                    |      |    |                |
| 180  | 200 | Sandy Clay-8'Sand             |      |    |                |
| 200  | 220 | 3'Sand-Sandy Clay-5'Fine Sand |      |    |                |
| 220  | 240 | Sandy Clay-8'Fine Sand        |      |    |                |
| 240  | 260 | Clay-Blue Clay(245')          |      |    |                |
| 260  | 300 | Blue Clay                     |      |    |                |

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) 2/15/85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. KWWCL 430 This Water Well Record was completed on (mo/day/yr) 2/15/85 under the business name of Howard Drilling Company 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.