

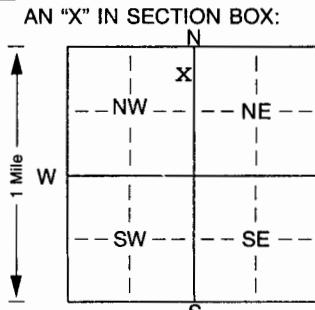
| | | | | |
|---------------------------|--|----------------------|---------------------------|--------------------------|
| 1 LOCATION OF WATER WELL: | Fraction County: Gray NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ | Section Number 23 | Township Number T 29 S | Range Number R 30 E/W |
|---------------------------|--|----------------------|---------------------------|--------------------------|

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

3 1/2 East 1 South & 1/2 West of Copeland

| | | |
|---------------------|--|---|
| 2 WATER WELL OWNER: | Jesse Loucks RR#, St. Address, Box # : c/o Garold Unruh City, State, ZIP Code : P.O. Box 125 Copeland, Kansas 67837 | Board of Agriculture, Division of Water Resources Application Number: 20521 |
|---------------------|--|---|

| | |
|---|---|
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL... 352' ft. ELEVATION: |
|---|---|



Depth(s) Groundwater Encountered 1.....1.95..... ft. 2.....2.06..... ft. 3.....3.16..... ft.
WELL'S STATIC WATER LEVEL.....1.90..... ft. below land surface measured on mo/day/yr7-1.8-0.2.....

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield .. **1200** gpm: Well water was ft. after hours pumping gpmBore Hole Diameter..... **28**.... in. to **352**..... 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 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes..... No.... **x** .. If yes, mo/day/ys sample was submitted
Water Well Disinfected? Yes **x** No

| | | | |
|------------------------------|----------------|-------------------|--|
| 5 TYPE OF BLANK CASING USED: | 5 Wrought iron | 8 Concrete tile | CASING JOINTS: Glued. x & <u>Clamped</u> .. |
| 1 Steel | 3 RMP (SR) | 6 Asbestos-Cement | Welded |
| 2 PVC | 4 ABS | 7 Fiberglass | Threaded..... |

Blank casing diameter **1.6**..... in. to **29.2**..... ft., Dia in. to ft., Dia in. to ft.Casing height above land surface..... **12**..... in., weight lbs./ft. Wall thickness or gauge No. **SDR26**

| | | |
|---|--------------------|--------------------|
| TYPE OF SCREEN OR PERFORATION MATERIAL: | <u>7 PVC</u> | 10 Asbestos-cement |
| 1 Steel | 3 Stainless steel | 8 RMP (SR) |
| 2 Brass | 4 Galvanized steel | 9 ABS |

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)..... ft.

SCREEN-PERFORATED INTERVALS: From .. **352-332**..... ft. to ft., From .. **332-312**..... ft. to ft.
From .. **312-292**..... ft. to ft., From .. **292-272**..... ft. to ft.

GRAVEL PACK INTERVALS: From **20**..... ft. to **352**..... 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 |
| Grout Intervals: | From .. 20-18 ft., From .. 18-10 ft., From .. 10-0 ft. | ft. to ft. | ft. to ft. | ft. to ft. |

What is the nearest source of possible contamination:

| | | | |
|------------------------------|-----------------|-----------------|-----------------------|
| 1 Septic tank | 4 Lateral lines | 7 Pit privy | 10 Livestock pens |
| 2 Sewer lines | 5 Cess pool | 8 Sewage lagoon | 11 Fuel storage |
| 3 Watertight sewer lines | 6 Seepage pit | 9 Feedyard | 12 Fertilizer storage |
| 13 Insecticide storage | | | |

14 Abandoned water well
15 Oil well/Gas well
16 Other (specify below)

How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|-----|----------------------------------|---------|-----|----------------------------------|
| 0 | 15 | Clay & little lime (hard) | 137 | 146 | Clay (cavey) |
| 15 | 22 | Sand | 146 | 180 | Sand |
| 22 | 35 | Clay & little lime (hard) | 180 | 195 | Sand & little cemented sand, cl. |
| 35 | 45 | Sand & clay | 195 | 202 | Sand |
| 45 | 60 | Sand & little clay | 202 | 206 | Clay & little lime |
| 60 | 62 | Sand | 206 | 210 | Sand |
| 62 | 75 | Clay & little lime (little hard) | 210-225 | | Sand & 1' clay |
| 75 | 90 | Sand & little clay | 225 | 240 | Sabd (bad cavey clay) |
| 90 | 100 | Sand & gravel | 240 | 315 | Sand |
| 100 | 105 | Sand | 315 | 316 | Lime (hard) |
| 105 | 120 | Sand & clay | 316 | 330 | Sand (fine) & 4' clay |
| 120 | 124 | Clay | 330 | 341 | Sand & little clay |
| 124 | 135 | Sand & little clay | 341 | 345 | Clay |
| 135 | 137 | Sand | 345 | 349 | Clay & sand 349-360 clay & lim. |

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) .. **7-18-02**..... and this record is true to the best of my knowledge and belief. Kansas

Water Well Contractor's Licence No. **223**..... This Water Well Record was completed on (mo/day/yr) .. **8-5-02**..... under the business name of **Dunham Drilling inc.**

by (signature) *Karen Dunham*