

| | | | | |
|---------------------------|---|----------------|----------------------|------------------------|
| 1 LOCATION OF WATER WELL: | Fraction | Section Number | Township Number | Range Number |
| County: <u>G Gray</u> | <u>NW 1/4</u> <u>NW 1/4</u> <u>SE 1/4</u> | <u>24</u> | <u>T 27</u> <u>S</u> | <u>R 30</u> <u>E/W</u> |

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

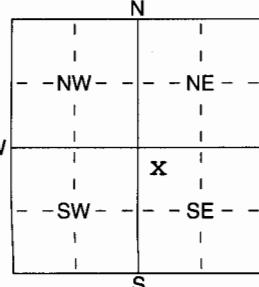
9 Mile North, 5 Mile East 1/2 Mile North 1/2 mile west of Copeland, Kansas2 WATER WELL OWNER: Ross KoehnRR#, St. Address, Box #: 7505 BB RoadCity, State, ZIP Code: Montezuma, Kansas 67867Board of Agriculture, Division of Water Resources
Application Number: 18317

3 LOCATE WELL'S LOCATION WITH

4 DEPTH OF COMPLETED WELL 30.3 ft. ELEVATION:Depth(s) Groundwater Encountered 1 219 ft. 2 260 ft. 3 280 ft.WELL'S STATIC WATER LEVEL 21.0 ft. below land surface measured on mo/day/yr 1.1-25-08

Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 1.000.0 gpm: Well water was ft. after hours pumping gpm

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/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:

1 Steel 3 RMP (SR)
2 PVC 4 ABS

5 Wrought iron

6 Asbestos-Cement

7 Fiberglass

8 Concrete tile

9 Other (specify below)

CASING JOINTS: Glued X & Clamped

Welded

Threaded

Blank casing diameter 1.6 in. to 28.3 ft., Dia in. to ft., Dia in. to ft.Casing height above land surface 12 in., weight lbs./ft. Wall thickness or guage No SDR 2.6

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel 3 Stainless Steel
2 Brass 4 Galvanized Steel

5 Fiberglass

6 Concrete tile

7 PVC

8 RMP (SR)

9 ABS

10 Asbestos-Cement

11 Other (Specify)

12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot 3 Mill slot
2 Louvered shutter 4 Key punched

5 Glazed wrapped

6 Wire wrapped

7 Torch cut

8 Saw cut

9 Drilled holes

10 Other (specify)

11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 283 ft. to 303 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 303 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 0-18 cement 2 Cement grout 18-20 Bentonite 3 Bentonite 4 Other

Grout Intervals: From ft. to 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 | 16 Other (specify below) |

Direction from well?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------------|------------|-------------------------------------|------------|------------|---|
| 0 | <u>20</u> | <u>± Top Soil & fine sand</u> | <u>195</u> | <u>201</u> | <u>Clay & little lime</u> |
| <u>20</u> | <u>15</u> | <u>Clay</u> | <u>201</u> | <u>210</u> | <u>Sand (fine)</u> |
| <u>15</u> | <u>30</u> | <u>Clay & fine sand</u> | <u>210</u> | <u>219</u> | <u>Clay & little lime</u> |
| <u>30</u> | <u>45</u> | <u>Clay & liottle lime</u> | <u>219</u> | <u>221</u> | <u>Fine sand</u> |
| <u>45</u> | <u>57</u> | <u>Clay, little lime & sand</u> | <u>221</u> | <u>240</u> | <u>Clay & little lime (hard)</u> |
| <u>57</u> | <u>60</u> | <u>Sand</u> | <u>240</u> | <u>260</u> | <u>Clay & little lime</u> |
| <u>60</u> | <u>75</u> | <u>Sand & 2' clay</u> | <u>260</u> | <u>265</u> | <u>Sand (tight & fine)</u> |
| <u>75</u> | <u>90</u> | <u>Sand & grave;</u> | <u>265</u> | <u>270</u> | <u>Clay & lime</u> |
| <u>90</u> | <u>105</u> | <u>Sand & gravel</u> | <u>270</u> | <u>280</u> | <u>Clay & little lime</u> |
| <u>105</u> | <u>120</u> | <u>Sand &* 1' clay</u> | <u>280</u> | <u>282</u> | <u>Sand</u> |
| <u>120</u> | <u>150</u> | <u>Sand</u> | <u>282</u> | <u>283</u> | <u>Cemented sand</u> |
| <u>150</u> | <u>191</u> | <u>Sand & gravel</u> | <u>283</u> | <u>300</u> | <u>Sand (little tight & coarse)</u> |
| <u>191</u> | <u>192</u> | <u>Coarse Gracel (very hard)</u> | <u>300</u> | <u>303</u> | <u>Clay</u> |
| <u>192</u> | <u>195</u> | <u>Clay</u> | | | |

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) 1.1-25-08 and this record is true to the best of my knowledge and belief. KansasWater Well Contractor's Licence No 223 This Water Well Record was completed on (mo/day/yr) 1.2-17-08under the business name of Dunham Drilling Inc. by (signature) Karen DunhamINSTRUCTIONS: 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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.