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|--|---|-----------------------------|----------------------------------|---------------------------------|
| 1 LOCATION OF WATER WELL: County: Graham | Fraction SW 1/4 SW 1/4 SE 1/4 | Section Number 22 | Township Number T 10 S | Range Number R 21 E/W |
|--|---|-----------------------------|----------------------------------|---------------------------------|

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

6 south, 4-1/2 west of Palco, Kansas

2 WATER WELL OWNER: **Carl Acheson**
 RR#, St. Address, Box # : **3748 C Rd**
 City, State, ZIP Code : **Palco, KS 67657**
 Board of Agriculture, Division of Water Resources
 Application Number:

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

| | | | |
|--------|--|---|--------|
| N | | | |
| --NW-- | | | --NE-- |
| W | | | E |
| --SW-- | | X | --SE-- |
| S | | | |

4 DEPTH OF COMPLETED WELL **30** ft. ELEVATION: _____

Depth(s) Groundwater Encountered **1 15** ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL **10** ft. below land surface measured on mo/day/yr **5/23/05**
 Pump test data: Well water was _____ ft. after **2** hours pumping **10** gpm
 Est. Yield **10** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 WELL WATER TO BE USED AS: **1** 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: **2**
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____

Blank casing diameter **5** in. to **10** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface **16** in., weight **2.91** lbs./ft. Wall thickness or gauge No. **.21**

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) 11 Other (Specify) _____
 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: **8**
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____ ft.

SCREEN-PERFORATED INTERVALS: From **10** ft. to **30** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **30** ft. to **9** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: **3** 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **0** ft. to **9** 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) _____
 13 Insecticide storage _____

Direction from well? _____ How many feet? _____

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|----|------------------|------|----|--------------------|
| 0 | 15 | Topsoil and clay | | | |
| 15 | 22 | Sand | | | |
| 22 | 30 | Shale | | | |
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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) **5/24/05** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **199** This Water Well Record was completed on (mo/day/yr) **6/7/05** under the business name of **Karst Water Well Drilling & Service, Inc.** by (signature) *Mel Lass*