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|---|--------------------------------------|--------------------------|-------------------------------|-----------------------------|
| 1 LOCATION OF WATER WELL: County: <u>Kingman</u> | Fraction <u>SW 1/4 SW 1/4 SW 1/4</u> | Section Number <u>16</u> | Township Number <u>T 28 S</u> | Range Number <u>R 9 E/W</u> |
|---|--------------------------------------|--------------------------|-------------------------------|-----------------------------|

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

| | | |
|---|--|--|
| 2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code : | <u>Lawrence Mertens</u> <u>10968 SW 30 St.</u> <u>Cunningham, KS 67035</u> | Board of Agriculture, Division of Water Resources Application Number: |
|---|--|--|

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| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | 4 DEPTH OF COMPLETED WELL <u>30</u> ft. ELEVATION: <u>24 1/2</u> ft. |
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Depth(s) Groundwater Encountered 1 ft. 2 24 1/2 ft. 3 4-12-05 ft.

WELL'S STATIC WATER LEVEL 24 1/2 ft. below land surface measured on mo/day/yr

Pump test data: Well water was 15 gpm. Well water was 15 ft. after 4-12-05 hours pumping 15 gpm

Est. Yield 15 gpm. Well water was 15 ft. after 4-12-05 hours pumping 15 gpm

WELL WATER TO BE USED AS:

| | | | | |
|--------------|--------------|----------------------------|--------------------|--------------------------|
| 1 Domestic | 3 Feedlot | 6 Oil field water supply | 8 Air conditioning | 11 Injection well |
| 2 Irrigation | 4 Industrial | 7 Domestic (lawn & garden) | 9 Dewatering | 12 Other (Specify below) |

Was a chemical/bacteriological sample submitted to Department? Yes X No If yes, mo/day/yr sample was submitted 4-12-05

Water Well Disinfected? Yes No

| | | | |
|------------------------------|----------------|-----------------|---|
| 5 TYPE OF BLANK CASING USED: | 5 Wrought iron | 8 Concrete tile | CASING JOINTS: Glued <u>X</u> Clamped <u> </u> |
|------------------------------|----------------|-----------------|---|

1 Steel

2 PVC

Blank casing diameter 5 in. to 42 ft., Dia 160 in. to 160 ft., Dia 160 in. to 160 ft.

Casing height above land surface 24 in., weight 160 lbs./ft. Wall thickness or guage No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

| | | | | |
|---------|--------------------|-----------------|------------|--------------------------|
| 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:

| | | | | |
|--------------------|---------------|------------------|--------------------|---------------------|
| 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) | |

SCREEN-PERFORATED INTERVALS: From 42 ft. to 50 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 23 ft. to 50 ft., From ft. to ft., From ft. to ft.

Blank casing diameter 5 in. to 42 ft., Dia 160 in. to 160 ft., Dia 160 in. to 160 ft.

Casing height above land surface 24 in., weight 160 lbs./ft. Wall thickness or guage No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

| | | | | |
|---------|--------------------|-----------------|------------|--------------------------|
| 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:

| | | | | |
|--------------------|---------------|------------------|--------------------|---------------------|
| 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) | |

SCREEN-PERFORATED INTERVALS: From 42 ft. to 50 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 23 ft. to 50 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 3 ft. to 23 ft., 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) |
| | | | 13 Insecticide storage | |

Direction from well? W How many feet? 150'

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|-----------|-----------|----------------------------|------|----|--------------------|
| <u>0</u> | <u>2</u> | <u>soil</u> | | | |
| <u>2</u> | <u>6</u> | <u>Red Clay and gravel</u> | | | |
| <u>6</u> | <u>12</u> | <u>Yellow Clay</u> | | | |
| <u>12</u> | <u>31</u> | <u>Brown Clay</u> | | | |
| <u>31</u> | <u>35</u> | <u>gray Clay</u> | | | |
| <u>35</u> | <u>40</u> | <u>fine sand.</u> | | | |
| <u>40</u> | <u>50</u> | <u>Sand.</u> | | | |

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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) <u>4-12-05</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>140</u> This Water Well Record was completed on (mo/day/yr) <u>5-11-05</u> under the business name of <u>Lyman's Inc</u> by (signature) <u> </u> |
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