

|                                                                                                                                                                                                                                                                                                                                                               |                                                                         |                                                  |                         |                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------|-------------------------|----------------------------------------------------------------|
| LOCATION OF WATER WELL                                                                                                                                                                                                                                                                                                                                        | Fraction                                                                | Section Number                                   | Township Number         | Range Number                                                   |
| County: <u>Reno</u>                                                                                                                                                                                                                                                                                                                                           | <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ | <u>1</u>                                         | <u>T 23</u> <u>S</u>    | <u>R 10</u> <u>NW</u>                                          |
| Distance and direction from nearest town or city?<br><u>1 1/2 mi W and 1 mi N of Huntsville</u>                                                                                                                                                                                                                                                               |                                                                         | Street address of well if located within city?   |                         |                                                                |
| WATER WELL OWNER: <u>KGS/ GWMD*5</u>                                                                                                                                                                                                                                                                                                                          |                                                                         |                                                  |                         |                                                                |
| RR#, St. Address, Box #                                                                                                                                                                                                                                                                                                                                       |                                                                         | Board of Agriculture, Division of Water Resource |                         |                                                                |
| City, State, ZIP Code                                                                                                                                                                                                                                                                                                                                         |                                                                         | Application Number: <u>NA</u>                    |                         |                                                                |
| DEPTH OF COMPLETED WELL: <u>195</u> ft. Bore Hole Diameter: <u>9 7/8</u> in. to <u>195</u> ft. and <u>195</u> ft. in. to <u>195</u> 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 Lawn and garden only                           | 10 Observation well     | <u>Research</u>                                                |
| Well's static water level: <u>18.4</u> ft. below land surface measured on <u>Jan</u> month <u>29</u> day <u>1983</u> year                                                                                                                                                                                                                                     |                                                                         |                                                  |                         |                                                                |
| Pump Test Data: <u>NA</u> Well water was <u>ft. after</u> hours pumping <u>gpm</u>                                                                                                                                                                                                                                                                            |                                                                         |                                                  |                         |                                                                |
| Est. Yield <u>gpm</u> Well water was <u>ft. after</u> hours pumping <u>gpm</u>                                                                                                                                                                                                                                                                                |                                                                         |                                                  |                         |                                                                |
| TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                  |                         |                                                                |
| 5 Wrought iron                                                                                                                                                                                                                                                                                                                                                |                                                                         | 8 Concrete tile                                  |                         | Casing Joints: <u>Glued</u> Clamped                            |
| 1 Steel                                                                                                                                                                                                                                                                                                                                                       | 3 RMP (SR)                                                              | 6 Asbestos-Cement                                | 9 Other (specify below) | Welded                                                         |
| <u>2 PVC</u>                                                                                                                                                                                                                                                                                                                                                  | 4 ABS                                                                   | 7 Fiberglass                                     |                         | Threaded                                                       |
| Blank casing dia <u>5"</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft.                                                                                                                                                                                               |                                                                         |                                                  |                         |                                                                |
| Casing height above land surface <u>in.</u> weight <u>lbs./ft.</u> Wall thickness or gauge No <u>Schd #40</u>                                                                                                                                                                                                                                                 |                                                                         |                                                  |                         |                                                                |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                       |                                                                         |                                                  |                         |                                                                |
| 1 Steel                                                                                                                                                                                                                                                                                                                                                       |                                                                         | 3 Stainless steel                                |                         | 5 Fiberglass                                                   |
| 2 Brass                                                                                                                                                                                                                                                                                                                                                       | 4 Galvanized steel                                                      | 6 Concrete tile                                  | 9 ABS                   | 11 Other (specify)                                             |
| Screen or Perforation Openings Are:                                                                                                                                                                                                                                                                                                                           |                                                                         | 5 Gauzed wrapped                                 |                         | 8 Saw cut                                                      |
| 1 Continuous slot                                                                                                                                                                                                                                                                                                                                             | <u>3 Mill slot</u>                                                      | 6 Wire wrapped                                   | 9 Drilled holes         | 11 None (open hole)                                            |
| 2 Louvered shutter                                                                                                                                                                                                                                                                                                                                            | 4 Key punched                                                           | 7 Torch cut                                      | 10 Other (specify)      |                                                                |
| Screen-Perforation Dia <u>5.0</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft. Dia <u>190</u> in. to <u>190</u> ft.                                                                                                                                                                                        |                                                                         |                                                  |                         |                                                                |
| Screen-Perforated Intervals: From <u>190</u> ft. to <u>195</u> ft. From <u>190</u> ft. to <u>195</u> ft. From <u>190</u> ft. to <u>195</u> ft. From <u>190</u> ft. to <u>195</u> ft. From <u>190</u> ft. to <u>195</u> ft.                                                                                                                                    |                                                                         |                                                  |                         |                                                                |
| Gravel Pack Intervals: From <u>185</u> ft. to <u>195</u> ft. From <u>185</u> ft. to <u>195</u> ft. From <u>185</u> ft. to <u>195</u> ft. From <u>185</u> ft. to <u>195</u> ft. From <u>185</u> ft. to <u>195</u> ft.                                                                                                                                          |                                                                         |                                                  |                         |                                                                |
| GROUT MATERIAL: <u>1</u> Neat cement <u>2</u> Cement grout <u>3</u> Bentonite <u>4</u> Other                                                                                                                                                                                                                                                                  |                                                                         |                                                  |                         |                                                                |
| Grouted Intervals: From <u>7.9</u> ft. to <u>185</u> ft. From <u>0</u> ft. to <u>10</u> ft. From <u>0</u> ft. to <u>10</u> ft. From <u>0</u> ft. to <u>10</u> ft. From <u>0</u> ft. to <u>10</u> ft.                                                                                                                                                          |                                                                         |                                                  |                         |                                                                |
| What is the nearest source of possible contamination: <u>NOT KNOWN</u>                                                                                                                                                                                                                                                                                        |                                                                         |                                                  |                         |                                                                |
| 1 Septic tank                                                                                                                                                                                                                                                                                                                                                 |                                                                         | 4 Cess pool                                      |                         | 7 Sewage lagoon                                                |
| 2 Sewer lines                                                                                                                                                                                                                                                                                                                                                 | 5 Seepage pit                                                           | 8 Feed yard                                      | 11 Fertilizer storage   | 15 Oil well/Gas well                                           |
| 3 Lateral lines                                                                                                                                                                                                                                                                                                                                               | 6 Pit privy                                                             | 9 Livestock pens                                 | 12 Insecticide storage  | 16 Other (specify below)                                       |
| Direction from well                                                                                                                                                                                                                                                                                                                                           |                                                                         | How many feet                                    |                         | ? Water Well Disinfected? Yes <u>No</u>                        |
| Was a chemical/bacteriological sample submitted to Department? Yes <u>(No)</u> If yes, date sample submitted <u>month</u> <u>day</u> <u>year</u> Pump installed? Yes <u>(No)</u>                                                                                                                                                                              |                                                                         |                                                  |                         |                                                                |
| Yes: Pump Manufacturer's name                                                                                                                                                                                                                                                                                                                                 |                                                                         | Model No.                                        |                         | HP Volts                                                       |
| Depth of Pump Intake <u>ft.</u>                                                                                                                                                                                                                                                                                                                               |                                                                         | Pumps Capacity rated at <u>gal./min.</u>         |                         |                                                                |
| Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other                                                                                                                                                                                                                                                                             |                                                                         |                                                  |                         |                                                                |
| CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on <u>Aug</u> month <u>25</u> day <u>81</u> year                                                                                                                                                    |                                                                         |                                                  |                         |                                                                |
| And this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>1738</u>                                                                                                                                                                                                                                        |                                                                         |                                                  |                         |                                                                |
| His Water Well Record was completed on <u>1738</u> month <u>day</u> year under the business name of <u>by (signature)</u>                                                                                                                                                                                                                                     |                                                                         |                                                  |                         |                                                                |
| LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                            |                                                                         | LITHOLOGIC LOG                                   |                         |                                                                |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | FROM                                             | TO                      | LITHOLOGIC LOG                                                 |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 0                                                | 2                       | brown silty top soil 1736                                      |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 2                                                | 18                      | clay; brown, orange, gray, traces of sand and gravel 1720      |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 18                                               | 22                      | sand and gravel 1716                                           |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 22                                               | 46                      | clay; white, gray, light red, some is sandy 1692               |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 46                                               | 92                      | sand / gravel, some clay zones and caliche zones 1646          |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 92                                               | 120                     | clay, light red, with sand/gravel stringers 1618               |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 120                                              | 145                     | clay, gray, sand lenses, caliche zones 1593                    |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 145                                              | 150                     | sand and gravel 1588                                           |
|                                                                                                                                                                                                                                                                                                                                                               |                                                                         | 150                                              | 172                     | clay, light red, sandy, traces of gravel and caliche zones 156 |
| 172                                                                                                                                                                                                                                                                                                                                                           | 195                                                                     | red silt stone, green resistant inclusions       |                         |                                                                |
| ELEVATION: <u>1738.2</u>                                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                  |                         |                                                                |
| Depth(s) Groundwater Encountered 1. <u>ft.</u> 2. <u>ft.</u> 3. <u>ft.</u> 4. <u>ft.</u> (Use a second sheet if needed)                                                                                                                                                                                                                                       |                                                                         |                                                  |                         |                                                                |
| 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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records. |                                                                         |                                                  |                         |                                                                |

BIG BEND GMD#5-KGS  
WATER QUALITY  
OBSERVATION WELL  
NETWORK

SITE NUMBER : 26  
SITE LOCATION: NE NE NE

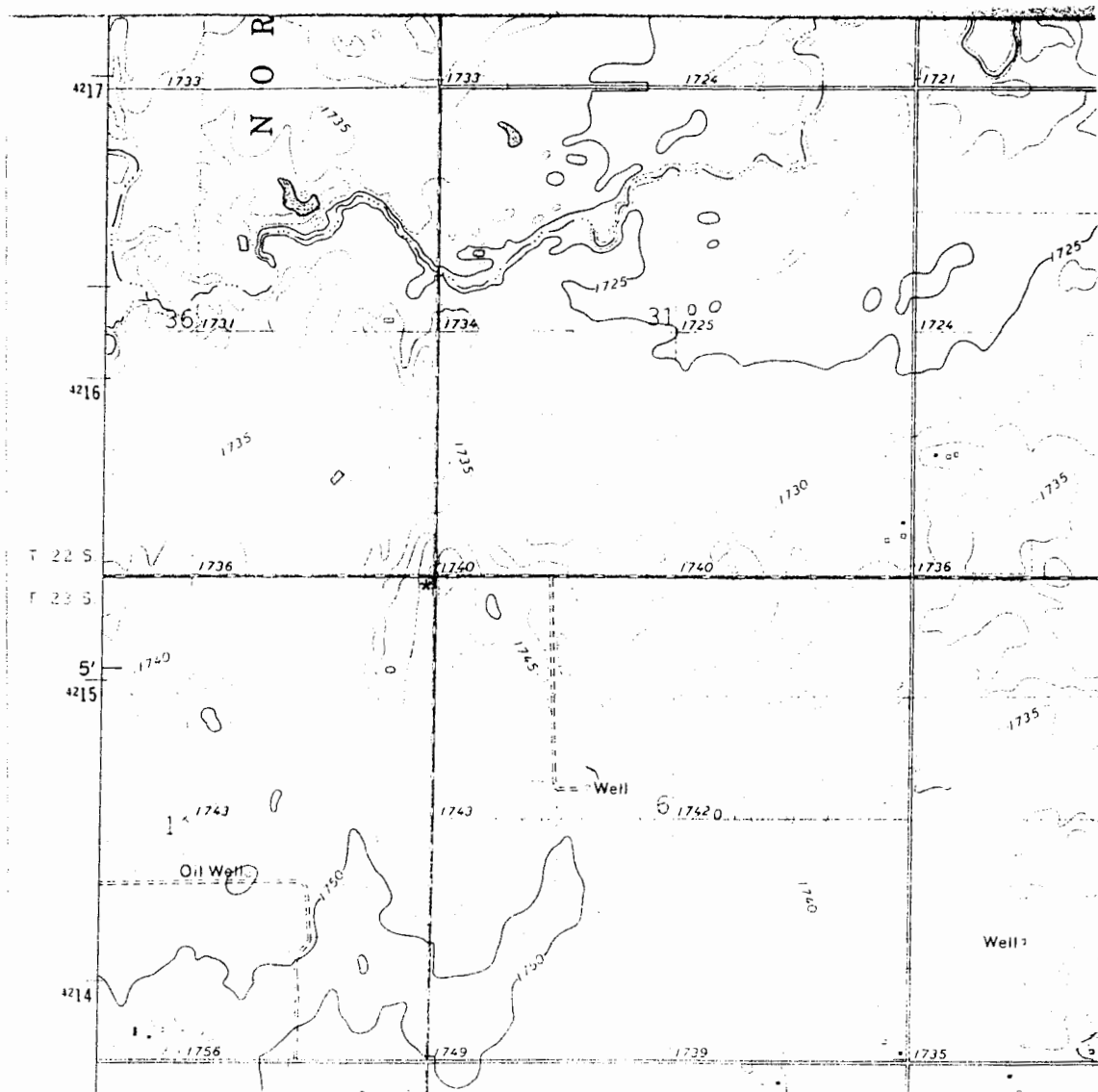
LEGAL LOCATION: 1-23-10W  
COUNTY : RENO

WELL LOG

| FROM | TO                 | LITHOLOGIC LOG                                                             | OWNER: SANKEY |
|------|--------------------|----------------------------------------------------------------------------|---------------|
| 0    | 2                  | silty topsoil                                                              |               |
| 2    | 4                  | brown & orange sandy and silty clay                                        |               |
| 4    | 8                  | gray silty & sandy clay; fine to medium sand                               |               |
| 8    | 10                 | same; orange stringers, trace fine gravel QA                               |               |
| 10   | 13                 | lt. gray clay, some silt & f. sand (quartz/arkosic) QA                     |               |
| 13   | 16                 | very light red, some sand                                                  |               |
| 16   | 18                 | orange silty clay with some fine QA sand                                   |               |
| 18   | 22                 | fine QA gravel, med & coarse QA sand                                       |               |
| 22   | 30                 | white & light red clay, med-coarse QA sand, gr. clay                       |               |
| 30   | 34                 | light red & light gray clay w/ fine QA sand                                |               |
| 34   | 46                 | same; some orange clay, fine sand QA, hard zone at 41', some gravel at 46' |               |
| 46   | 50                 | fine gravel & clay; med-coarse QA sand                                     |               |
| 50   | 65                 | fine to coarse QA sand, some clay, caliche zones                           |               |
| 65   | 80                 | same, mostly coarse sand QA, some gravel                                   |               |
| 80   | 92                 | same, caliche @ 90'; clay increasing toward bottom                         |               |
| 92   | 95                 | light red clay with fine QA gravel                                         |               |
| 95   | 105                | gravel & sand QA, some clay                                                |               |
| 105  | 110                | light red clay & fine QA sand, some caliche                                |               |
| 110  | 120                | gray & tan clay, fine QA sand; caliche @ 116.5'                            |               |
| 120  | 125                | dark gray clay with caliche zones                                          |               |
| 125  | 130                | same; traces of lt. red and tan clay                                       |               |
| 130  | 145                | clay with fine sand and gravel                                             |               |
| 145  | 150                | medium fine gravel and sand                                                |               |
| 150  | 160                | lt. red silty clay; some caliche zones & vf. QA sand                       |               |
| 160  | 165                | lt. red sandy clay; caliche zones;<br>thin sand & gravel lenses            |               |
| 165  | <del>175</del> 177 | red sandy clay                                                             |               |
| 177  | 180                | red sandy siltstone; redbed PERMIAN                                        |               |
| 180  | 195                | same with occasional greenish-gray inclusions                              |               |
|      |                    |                                                                            | (N)           |
|      |                    | 3                                                                          | 2             |
|      |                    | 60'/5'                                                                     | 118'/5'       |
|      |                    | TD=65'                                                                     | TD=123'       |
|      |                    |                                                                            | 1             |
|      |                    |                                                                            | 190'/5'       |
|      |                    |                                                                            | TD=195'       |

SITE NUMBER : 26  
SITE LOCATION : NE NE NE  
LEGAL LOCATION: SEC1 T23S R10W  
COUNTY : RENO

LANDOWNER: LARRY SANKEY  
ADDRESS : RURAL ROUTE 1  
STERLING, KANSAS 67579  
PHONE NO.: 316-278-2160



WELL LOCATION \*