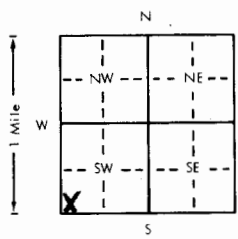


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|---|--|----------------------|--|---|--|----------------------------|--|-------------------------------------|--|
| 1 LOCATION OF WATER WELL | | Fraction | | Section Number | | Township Number | | Range Number | |
| County: <u>Stafford</u> | | SW 1/4 SW 1/4 SW 1/4 | | 31 | | T 21 S | | R 12 EW | |
| Distance and direction from nearest town or city? <u>5 mi N, 2 mi W Hudson, Kansas</u> | | | | Street address of well if located within city? | | | | | |
| 2 WATER WELL OWNER: <u>Kansas Geological Survey/Groundwater Management District #5</u> | | | | | | | | | |
| RR#, St. Address, Box # | | | | Board of Agriculture, Division of Water Resources | | | | | |
| City, State, ZIP Code: <u>St. John, Kansas 67576</u> | | | | Application Number: | | | | | |
| 3 DEPTH OF COMPLETED WELL: <u>85</u> ft. Bore Hole Diameter: <u>9 7/8</u> in. to <u>85</u> ft., and <u> </u> in. to <u> </u> ft. | | | | | | | | | |
| Well Water to be used as: | | | | | | | | | |
| 1 Domestic | | 3 Feedlot | | 5 Public water supply | | 8 Air conditioning | | 11 Injection well | |
| 2 Irrigation | | 4 Industrial | | 6 Oil field water supply | | 9 Dewatering | | 12 Other (Specify below) | |
| | | | | 7 Lawn and garden only | | 10 <u>Observation well</u> | | <u>Research</u> | |
| Well's static water level: <u>14.65</u> ft. below land surface measured on <u>Jan.</u> month <u>6</u> day <u>83</u> year | | | | | | | | | |
| Pump Test Data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm | | | | | | | | | |
| Est. Yield: gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm | | | | | | | | | |
| 4 TYPE OF BLANK CASING USED: | | | | | | | | | |
| 1 Steel | | 3 RMP (SR) | | 5 Wrought iron | | 8 Concrete tile | | Casing Joints: <u>Glued</u> Clamped | |
| 2 <u>PVC</u> | | 4 ABS | | 6 Asbestos-Cement | | 9 Other (specify below) | | Welded | |
| | | | | 7 Fiberglass | | | | Threaded | |
| Blank casing dia: <u>5</u> in. to <u>80</u> ft., Dia <u> </u> in. to <u> </u> ft., Dia <u> </u> in. to <u> </u> ft. | | | | | | | | | |
| Casing height above land surface: <u>24</u> in., weight <u> </u> lbs./ft. Wall thickness or gauge No <u>Schd #40</u> | | | | | | | | | |
| TYPE OF SCREEN OR PERFORATION MATERIAL: | | | | | | | | | |
| 1 Steel | | 3 Stainless steel | | 5 Fiberglass | | 8 RMP (SR) | | 10 Asbestos-cement | |
| 2 Brass | | 4 Galvanized steel | | 6 Concrete tile | | 9 ABS | | 11 Other (specify) | |
| | | | | | | | | 12 None used (open hole) | |
| Screen or Perforation Openings Are: | | | | | | | | | |
| 1 Continuous slot | | 3 <u>Mill slot</u> | | 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-Perforation Dia: <u>5</u> in. to <u>85</u> ft., Dia <u> </u> in. to <u> </u> ft., Dia <u> </u> in. to <u> </u> ft. | | | | | | | | | |
| Screen-Perforated Intervals: From <u>80</u> ft. to <u>85</u> ft., From <u> </u> ft. to <u> </u> ft., From <u> </u> ft. to <u> </u> ft. | | | | | | | | | |
| Gravel Pack Intervals: From <u>77</u> ft. to <u>85</u> ft., From <u> </u> ft. to <u> </u> ft., From <u> </u> ft. to <u> </u> ft. | | | | | | | | | |
| 5 GROUT MATERIAL: <u>1</u> Neat cement 2 Cement grout 3 Bentonite 4 Other | | | | | | | | | |
| Grouted Intervals: From <u>77</u> ft. to <u>30</u> ft., From <u>0</u> ft. to <u>10</u> ft., From <u> </u> ft. to <u> </u> ft. | | | | | | | | | |
| What is the nearest source of possible contamination: <u>none known</u> | | | | | | | | | |
| 1 Septic tank | | 4 Cess pool | | 7 Sewage lagoon | | 10 Fuel storage | | 14 Abandoned water well | |
| 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) | |
| | | | | | | 13 Watertight sewer lines | | | |
| Direction from well <u> </u> How many feet <u> </u> ? Water Well Disinfected? Yes <u>No</u> | | | | | | | | | |
| Was a chemical/bacteriological sample submitted to Department? Yes <u>No</u> If yes, date sample <u> </u> | | | | | | | | | |
| was submitted <u> </u> month <u> </u> day <u> </u> year Pump Installed? Yes <u>No</u> | | | | | | | | | |
| If Yes: Pump Manufacturer's name <u> </u> Model No. <u> </u> HP <u> </u> Volts <u> </u> | | | | | | | | | |
| Depth of Pump Intake <u> </u> ft. Pumps Capacity rated at <u> </u> gal./min. | | | | | | | | | |
| Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other | | | | | | | | | |
| 6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, <u>(2)</u> reconstructed, or <u>(3)</u> plugged under my jurisdiction and was completed on <u>9</u> month <u>29</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> </u> | | | | | | | | | |
| This Water Well Record was completed on <u>1</u> month <u>27</u> day <u>83</u> year under the business name of <u>Patrick M. Cobb</u> by (signature) | | | | | | | | | |
| 7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | FROM TO | | LITHOLOGIC LOG | | FROM TO | | LITHOLOGIC LOG | |
|  | | | | | | | | | |
| ELEVATION: <u>1871</u> | | | | | | | | | |
| Depth(s) Groundwater Encountered 1. <u> </u> ft. 2. <u> </u> ft. 3. <u> </u> ft. 4. <u> </u> ft. (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 : 16 (KPI)
SITE LOCATION: SW SW SW

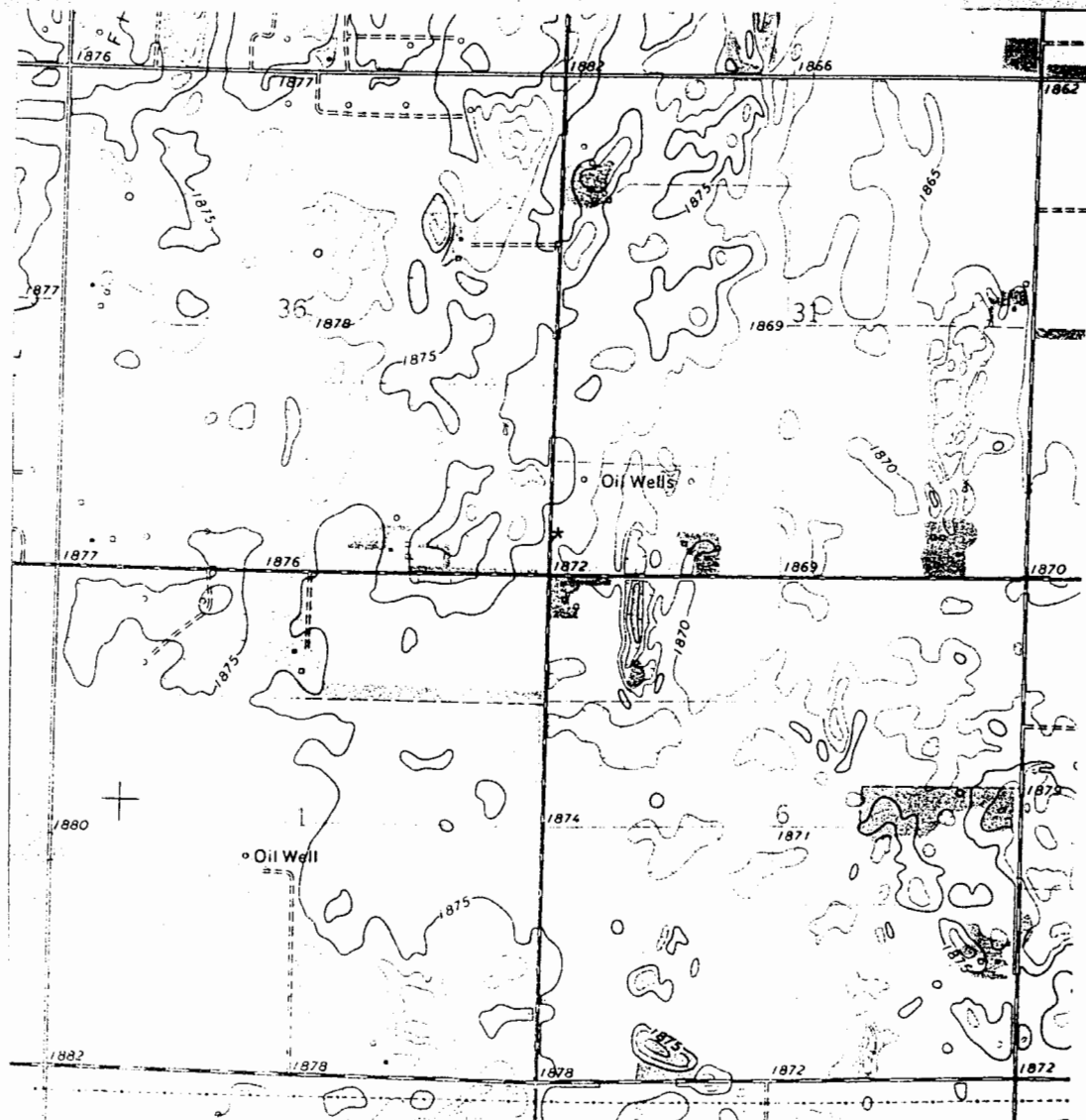
LEGAL LOCATION: 31-21-12W
COUNTY : STAFFORD

WELL LOG

| FROM | TO | LITHOLOGIC LOG | OWNER: FISCHER |
|------|-----|---|----------------|
| | | | |
| 0 | 5 | sandy soil, yellow | |
| 5 | 8 | sand, fine to coarse, qtz. arkosic; yellow clay matrix | |
| 8 | 9 | stiff grey clay with fine sand | |
| 9 | 15 | light grey clay with caliche nodules, silty | |
| 15 | 20 | yellow-grey clay, silty; some fine sand and caliche | |
| 20 | 25 | tan clay and pinkish-grey clay; some fine sand and trace of caliche | |
| 25 | 30 | greenish grey clay, some pinkish-grey clay, silty with very fine sand, trace of caliche | |
| 30 | 35 | light grey silty clay | |
| 35 | 45 | med. to coarse sand, reddish tan clay matrix | |
| 45 | 50 | fine qtz. arkosic sand with pinkish grey clay | |
| 50 | 70 | med. to coarse sand, qtz. arkosic, with yellow-grey and light grey clay | |
| 70 | 75 | fine to med. gravel; med. to coarse sand, qtz. arkosic; tan clay matrix | |
| 75 | 85 | med. to fine gravel and med. to coarse sand; small amount of clay | |
| 85 | 140 | coarse to med. sand, qtz. arkosic; some fine gravel; grey-green clay matrix | |
| 140 | 160 | fine to coarse qtz. arkosic sand | |
| 160 | 165 | greenish-grey silty clay | |
| 165 | 220 | fine to med. qtz. arkosic gravel; greenish-grey clay stringers | |
| 220 | 248 | red bed, sandy shale, red, fine to extra fine grained--PERMIAN | |
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SITE NUMBER : 16 (KPI)
SITE LOCATION : SW SW SW
LEGAL LOCATION: SEC31 T21S R12W
COUNTY : STAFFORD

LANDOWNER: GERALD FISCHER
ADDRESS : RURAL ROUTE
SEWARD, KANSAS 67577
PHONE NO.: 316-458-2623



WELL LOCATION *