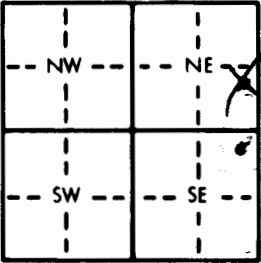


Siefkes #1

## WATER WELL RECORD Form WWC-5 KSA 82a-1212

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    | Fraction                                                                                                                                                                                                                                                      | Section Number                                                                                                     | Township Number | Range Number    |
| County: <b>STAFFORD</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    | <b>NE 1/4 NE 1/4 SE 1/4</b>                                                                                                                                                                                                                                   | <b>W 15</b>                                                                                                        | <b>T 22 S</b>   | <b>R 12 E/W</b> |
| Distance and direction from nearest town or city street address of well if located within city?<br><b>Hudson 2E 2 1/2 N WESTSIDE</b>                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| WATER WELL OWNER: <b>EMPHASIS OIL OPERATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                               | R. Siefkes, Hudson, Ks.<br>Board of Agriculture, Division of Water Resources<br>Application Number: <b>T85-309</b> |                 |                 |
| City, State, ZIP Code: <b>RUSSELL, KS 67665</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                                                                                                                            |    | 4 DEPTH OF COMPLETED WELL: <b>95</b> ft. ELEVATION: <b>95</b> ft.                                                                                                                                                                                             |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                               |    | Depth(s) Groundwater Encountered 1. <b>15</b> ft. below land surface measured on mo/day/yr <b>3/16/85</b>                                                                                                                                                     |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | WELL'S STATIC WATER LEVEL: <b>15</b> ft. below land surface measured on mo/day/yr <b>3/16/85</b>                                                                                                                                                              |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | Pump test data: Well water was <b>7 7/8</b> in. to <b>95</b> ft. after <b>7</b> hours pumping <b>7</b> gpm                                                                                                                                                    |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | Est. Yield <b>7</b> gpm: Well water was <b>7</b> ft. after <b>7</b> hours pumping <b>7</b> gpm                                                                                                                                                                |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | Bore Hole Diameter: <b>7 7/8</b> in. to <b>95</b> ft. and <b>95</b> in. to <b>95</b> ft.                                                                                                                                                                      |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | WELL WATER TO BE USED AS:<br>5 Public water supply 8 Air conditioning 11 Injection well<br>1 Domestic 3 Feedlot 6 <u>Oil field water supply</u> 9 Dewatering 12 Other (Specify below)<br>2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | Was a chemical/bacteriological sample submitted to Department? Yes <b>No</b> .....; If yes, mo/day/yr sample was submitted                                                                                                                                    |                                                                                                                    |                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    | Water Well Disinfected? Yes <b>No</b>                                                                                                                                                                                                                         |                                                                                                                    |                 |                 |
| TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |    | CASING JOINTS: Glued <b>X</b> Clamped                                                                                                                                                                                                                         |                                                                                                                    |                 |                 |
| 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded                                                                                                                                                                                                                                                                                                                                                                                                                           |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 2 <u>PVC</u> 4 ABS 7 Fiberglass Threaded                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| Blank casing diameter <b>5</b> in. to <b>75</b> ft. Dia <b>75</b> in. to <b>75</b> ft. Dia <b>75</b> in. to <b>75</b> ft.                                                                                                                                                                                                                                                                                                                                                                     |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| Casing height above land surface <b>12</b> in., weight <b>2.65</b> lbs./ft. Wall thickness or gauge No. <b>214</b>                                                                                                                                                                                                                                                                                                                                                                            |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| TYPE OF SCREEN OR PERFORATION MATERIAL:                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    | 7 <u>PVC</u> 10 Asbestos-cement                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)                                                                                                                                                                                                                                                                                                                                                                                                                     |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| SCREEN OR PERFORATION OPENINGS ARE: <b>1/8</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                |    | 5 Gauzed wrapped 8 <u>Saw cut</u> 11 None (open hole)                                                                                                                                                                                                         |                                                                                                                    |                 |                 |
| 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| SCREEN-PERFORATED INTERVALS: From <b>75</b> ft. to <b>95</b> ft. From <b>75</b> ft. to <b>95</b> ft.                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| GRAVEL PACK INTERVALS: From <b>65</b> ft. to <b>95</b> ft. From <b>65</b> ft. to <b>95</b> ft.                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 <u>Bentonite</u> 4 Other                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| Grout Intervals: From <b>0</b> ft. to <b>10</b> ft. From <b>10</b> ft. to <b>10</b> ft.                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| What is the nearest source of possible contamination: <b>NONE</b>                                                                                                                                                                                                                                                                                                                                                                                                                             |    | 10 Livestock pens 14 Abandoned water well                                                                                                                                                                                                                     |                                                                                                                    |                 |                 |
| 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well                                                                                                                                                                                                                                                                                                                                                                                                                |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)                                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| Direction from well?                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | How many feet?                                                                                                                                                                                                                                                |                                                                                                                    |                 |                 |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TO | LITHOLOGIC LOG                                                                                                                                                                                                                                                | FROM                                                                                                               | TO              | LITHOLOGIC LOG  |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2  | Sandy top soil                                                                                                                                                                                                                                                |                                                                                                                    |                 |                 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30 | clay                                                                                                                                                                                                                                                          |                                                                                                                    |                 |                 |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40 | fine sand                                                                                                                                                                                                                                                     |                                                                                                                    |                 |                 |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 65 | clay                                                                                                                                                                                                                                                          |                                                                                                                    |                 |                 |
| 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 70 | sandy clay                                                                                                                                                                                                                                                    |                                                                                                                    |                 |                 |
| 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 95 | GRAVEL                                                                                                                                                                                                                                                        |                                                                                                                    |                 |                 |
| CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) <u>constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <b>3/16/85</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>389</b> This Water Well Record was completed on (mo/day/yr) <b>3/20/85</b> under the business name of <b>RAISER WATER WELL SERVICE, INC.</b> by (signature) <b>R. Siefkes</b> |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |
| INSTRUCTIONS: Use typewriter or ball point pen, <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.                                                                                                            |    |                                                                                                                                                                                                                                                               |                                                                                                                    |                 |                 |

OFFICE USE ONLY

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