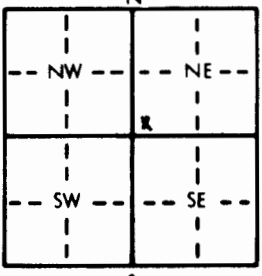


1 LOCATION OF WATER WELL: County: Grant Fraction: SW 1/4 SW 1/4 NE 1/4 Section Number: 16 Township Number: T 29 S Range Number: R 38 **EW**

Distance and direction from nearest town or city street address of well if located within city?  
 6 1/2 miles west- 3 miles south of Ulysses, Kansas

2 WATER WELL OWNER: Vergil Johnson  
 RR#, St. Address, Box #: Route 2 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Ulysses, Kansas 67880 Application Number:

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

4 DEPTH OF COMPLETED WELL: 528 ft. ELEVATION: slope  
 Depth(s) Groundwater Encountered 1. 192 ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 192 ft. below land surface measured on mo/day/yr 5/30/89  
 Pump test data: Well water was ft. after hours pumping gpm  
 Est. Yield gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 9 3/4 in. to 528 ft., and in. to 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 Monitoring well X  
 Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded X  
 Blank casing diameter 1 1/2 in. to 488 ft., Dia in. to ft., Dia in. to ft.  
 Casing height above land surface 14 in., weight lbs./ft. Wall thickness or gauge No. 3/16 Inch  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 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: 5 Gauzed wrapped 8 Saw cut 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 488 ft. to 528 ft., From ft. to ft.  
 From 10 ft. to 528 ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From 0 ft. to 10 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? North How many feet? 500

| FROM | TO  | LITHOLOGIC LOG                     | FROM | TO  | PLUGGING INTERVALS        |
|------|-----|------------------------------------|------|-----|---------------------------|
| 0    | 2   | Surface                            | 485  | 530 | Brown shale and sandstone |
| 2    | 30  | Clay and lime                      |      |     |                           |
| 30   | 65  | Brown clay                         |      |     |                           |
| 65   | 125 | Clay w/sand strips                 |      |     |                           |
| 125  | 155 | Medium sand                        |      |     |                           |
| 155  | 245 | Clay w/sand strips some fine sand  |      |     |                           |
| 245  | 275 | Fine to medium sand w/clay brekers |      |     |                           |
| 275  | 296 | Medium sand some fine              |      |     |                           |
| 296  | 302 | Clay                               |      |     |                           |
| 302  | 325 | Medium sand                        |      |     |                           |
| 325  | 375 | Clay and fine sand                 |      |     |                           |
| 375  | 390 | Sandy clay                         |      |     |                           |
| 390  | 420 | Clay and fine sand                 |      |     |                           |
| 420  | 470 | Brown clay                         |      |     |                           |
| 470  | 485 | Brown shale and sandstone          |      |     |                           |

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) March 29, 1989 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 164 This Water Well Record was completed on (mo/day/yr) 6/14/89  
 under the business name of Houck Bros. Drilling Co. by (signature) *Mollie Beard*