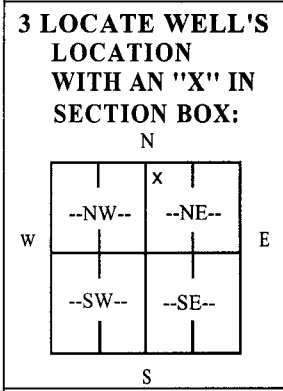


**1 LOCATION OF WATER WELL:**  
 County: **Barber** Fraction **NW 1/4 NW 1/4 NE 1/4** Section Number **13** Township Number **T 30 S** Range Number **R 12 E** **(W)**

Distance and direction from nearest town or city street address of well if located within city? **Approximately 2 miles south and 1 1/2 miles west of Isabel.**

**2 WATER WELL OWNER:** **Calvin E. and Carla J. Boyd**  
 RR#, St. Address, Box # : **12001 NW Spring Creek Rd.**  
 City, State, ZIP Code : **Medicine Lodge, KS 67104**

**Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: **37.441578**  
 Longitude: **-98.583219**  
 Elevation: **Unknown**  
 Datum: **NAD 83**  
 Data Collection Method: **WAAS GPS Unit**



**4 DEPTH OF COMPLETED WELL** **167** ft.

Depth(s) Groundwater Encountered (1) \_\_\_\_\_ ft. (2) \_\_\_\_\_ ft. (3) \_\_\_\_\_ ft.

WELL'S STATIC WATER LEVEL **70** ft. below land surface measured on **mo/day/yr** **6-2-06**

Pump test data: Well water was **Not checked** ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

Est. Yield **Unknown** gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

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 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No  If yes, mo/day/yr \_\_\_\_\_

Sample was submitted \_\_\_\_\_ Water well disinfected? Yes \_\_\_\_\_ No

**5 TYPE OF CASING USED:** 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued  Clamped \_\_\_\_\_  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
**(2)** PVC 4 ABS 7 Fiberglass Threaded \_\_\_\_\_

Blank casing diameter **16** in. to **100** ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.

Casing height above land surface **12** in., weight **16.15** lbs./ft. Wall thickness or gauge No. **.500**

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless Steel 5 Fiberglass **(7)** PVC 9 ABS 11 Other (Specify) \_\_\_\_\_  
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot **(3)** Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (Specify) \_\_\_\_\_

SCREEN-PERFORATED INTERVALS: From **100** ft. to **166** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

GRAVEL PACK INTERVALS: From **60** ft. to **168** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**6 GROUT MATERIAL:** 1 Neat Cement **(2)** Cement grout 3 Bentonite 4 Other \_\_\_\_\_ **Fill sand**

Grout Intervals: From **0** ft. to **21** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From **21** ft. to **60** ft.

What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well **None known**

Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

| FROM | TO  | LITHOLOGIC LOG                        | FROM  | TO    | PLUGGING INTERVALS            |
|------|-----|---------------------------------------|-------|-------|-------------------------------|
| 0    | 3   | Topsoil                               | 114   | 124   | Clay, tan and white           |
| 3    | 9   | Clay, tan                             | 124   | 138   | Sand and gravel, fine, medium |
| 9    | 25  | Sand and gravel, fine, medium, coarse | 138   | 138.5 | Clay, brown                   |
| 25   | 26  | Clay                                  | 138.5 | 154   | Sand and gravel, fine, medium |
| 26   | 40  | Sand and gravel, fine, medium, coarse | 154   | 161   | Clay, tan                     |
| 40   | 46  | Clay, white and gray                  | 161   | 166   | Sand, fine, medium            |
| 46   | 74  | Sand and gravel, fine, medium         | 166   | 168   | Shale, red                    |
| 74   | 78  | Clay, tan and white                   |       |       |                               |
| 78   | 98  | Sand and gravel, fine, medium         |       |       |                               |
| 98   | 102 | Clay                                  |       |       |                               |
| 102  | 114 | Sand, fine, medium                    |       |       |                               |

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was **(1) constructed** (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) **6-2-06** and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. **185** This Water Well Record was completed on (mo/day/year) **8-12-06**

Under the business name of **Clarke Well & Equipment, Inc.** by (signature) *Clarke W. Clark*

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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.