

606.48

1	LOCATION OF WATER WELL: County: CLAY	Fraction SW 1/4 SW 1/4 SW 1/4	Section Number 20	Township Number T 10 S	Range Number R 3 EW
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Distance and direction from nearest town or city street address of well if located within city?
FROM WAKEFIELD: 6 MILES WEST AND 4 SOUTH ON NORTHEAST CORNER OF INTERSECTION

2 WATER WELL OWNER: **TERRY THURLOW**

RR#, St. Address, Box # : **415 W. COURT STR**
City, State, ZIP Code : **CLAY CENTER**

Board of Agriculture, Division of Water Resources
Application Number: _____

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

N			
-NW-			-NE-
-SW-			-SE-
S			

4 DEPTH OF COMPLETED WELL **182** ft. ELEVATION: _____

Depth(s) Groundwater Encountered 1 **140** ft. 2 _____ ft. 3 _____ ft.

WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr _____

Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
Est. Yield **25-35** gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) **CLOSED LOOP GEOTHERMAL**

Was a chemical/bacteriological sample submitted to Department? Yes No _____; If yes, mo/day/yrs sample was submitted _____
Water Well Disinfected? Yes _____ No

5 TYPE OF BLANK CASING USED:
 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) **HOLE**

CASING JOINTS: Glued _____ Clamped _____ Welded Threaded _____

Blank casing diameter **3/4** in. to **182** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
Casing height **below** land surface **72** in., weight _____ lbs./ft. Wall thickness or gauge No. **SDR-11**

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

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

SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: 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 _____

Grout Intervals: From **6** ft. to **182** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (Specify below) **HOUSE**

Direction from well? **EAST** How many feet? **20'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	6	CLAY	138	140	LIMESTONE
6	18	SHALE, BROWN	140	169	SHALE, GRAY
18	19	LIMESTONE	169	172	LIMESTONE
19	40	SHALE, BROWN	172	182	SHALE, GRAY
40	41	LIMESTONE			
41	60	SHALE, BROWN TO RED TO BROWN			
60	64	LIMESTONE			4 - HULLES
64	70	SHALE, BROWN			
70	78	LIMESTONE			1-182
78	102	SHALE, BROWN TO RED TO BROWN			1-172
102	115	LIMESTONE			1-162
115	124	SHALE, BROWN TO GRAY			1-152
124	126	LIMESTONE			
126	138	SHALE, GRAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This ~~well~~ ^{geothermal} well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **1/30/03** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **585** This Water Well Record was completed on (mo/day/yr) _____ under the business name of **ASSOCIATED ENVIRONMENTAL INC** by (signature) **[Signature]**