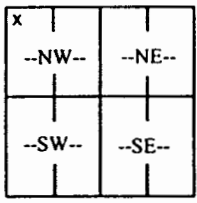


1 LOCATION OF WATER WELL: County: <u>Thomas</u>	Fraction <u>NW 1/4 NW 1/4 NW 1/4</u>	Section Number <u>33</u>	Township Number <u>T 9 S</u>	Range Number <u>R 33 E (W)</u>
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 7 miles north and 8 miles west of Oakley</u>		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>39.234506</u> Longitude: <u>-101.018504</u> Elevation: <u>Unknown</u> Datum: <u>NAD83</u> Data Collection Method: <u>WAAS GPS Unit</u>		

2 WATER WELL OWNER: ~~University of Kansas~~ Kansas Geological Survey
 RR#, St. Address, Box # : Center for Research, Inc. 1930 Constant Ave.
 City, State, ZIP Code : 2385 Irving Hill Road Lawrence, KS 66045
Lawrence, KS 66045-7503

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N E S W	<p>4 DEPTH OF COMPLETED WELL <u>286</u> ft.</p> <p>Depth(s) Groundwater Encountered (1) <u> </u> ft. (2) <u> </u> ft. (3) <u> </u> ft.</p> <p>WELL'S STATIC WATER LEVEL <u>213.67</u> ft. below land surface measured on <u>mo/day/yr 07-03-07</u></p> <p>Pump test data: Well water was <u>Not checked</u> ft. after <u> </u> hours pumping <u> </u> gpm</p> <p>Est. Yield <u>Unknown</u> gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm</p> <p>WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well</p> <p>1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering (12) Other (Specify below) <u>Observation</u></p> <p>2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well</p> <p>Was a chemical/bacteriological sample submitted to Department? Yes <u> </u> No <input checked="" type="checkbox"/> If yes, mo/day/yr <u> </u></p> <p>Sample was submitted <u> </u> Water well disinfected? Yes <u> </u> No <input checked="" type="checkbox"/></p>
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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 2 1/2 in. to 274 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in., weight 1.10 lbs./ft. Wall thickness or gauge No. 203

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 274 ft. to 284 ft., From ft. to ft., From ft. to ft.
 From ft. to ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 250 ft. to 284 ft., From ft. to ft., From ft. to 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 Bentonite Holeplug

Grout Intervals: From 4 ft. to 25 ft., From ft. to ft., From 0 ft. to 4 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 None known
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Topsoil	157	161	Sand and gravel, coarse to fine, with streaks
3	7	Clay, dark gray, hard			cemented sand
7	37	Clay, tan, soft, silty	161	169	Clay, brown, sandy, hard
37	51	Clay, white, sandy, hard	169	176	Cemented sand, hard
51	62	Clay, tannish white, hard, with gravel streaks, medium to fine	176	201	Sand and gravel, coarse to fine, table chatter
			201	211	Clay, tan, hard, with streaks, sand and gravel, 50/50 mix
62	103	Sand and gravel, coarse to fine, table chatter			
103	129	Clay, reddish brown, sandy, with gravel streaks	211	217	Clay, white, hard, sandy
			217	260	Sand and gravel, medium to fine, with clay streaks, white
129	145	Sand and gravel, medium to fine			
145	157	Clay, tan, hard			

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) 07-03-07 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) 07-10-07
 Under the business name of Clarke Well & Equipment, Inc. by (signature)

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.

1 LOCATION OF WATER WELL: County: Thomas	Fraction NW 1/4 NW 1/4 NW 1/4	Section Number 33	Township Number T 9 S	Range Number R 33 E W
Distance and direction from nearest town or city street address of well if located within city? Approximately 8 miles west and 7 miles north of Oakley		Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: 39.234506 Longitude: -101.018504 Elevation: Unknown Datum: NAD83 Data Collection Method: WAAS GPS Unit		

2 WATER WELL OWNER: ~~University of Kansas~~ Kansas Geological Survey
RR#, St. Address, Box # : Center for Research, Inc. 1930 Constant Ave.
City, State, ZIP Code : 2385 Inring Hill Road Lawrence, KS 66045
~~Lawrence, KS 66045-7563~~

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

N

x	--NW--	--NE--	
W			E
	--SW--	--SE--	
	S		

4 DEPTH OF COMPLETED WELL _____ ft.

Depth(s) Groundwater Encountered (1) _____ 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 _____ 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
2 Irrigation	4 Industrial	7 Domestic (lawn & garden)
		10 Monitoring well

12 Other (Specify below) _____

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 CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below) _____
2 PVC	4 ABS	7 Fiberglass	

CASING JOINTS: Glued _____ Clamped _____
Welded _____
Threaded _____

Blank casing diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.

Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____

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 _____ 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 _____ ft. to _____ 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	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	

Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
260	270	Clay, tan, hard, with gravel streaks, medium to fine, 50/50 mix			
270	272	Cemented sand, with clay streaks			
272	284	Clay, tan, hard, with sand and gravel, medium to fine, 50/50 mix			
284	294	Shale, weathered, green, gray, hard			

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) 07-03-07 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) 07-10-07

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

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.