504 12989 OB-6-15

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: Trego | Fraction: 1/4 SE 1/4 SE 1/4 SE 1/4 | Section Number: 28 | Township No.: T 11 S | Range Number: R 22 ☐E ☒W

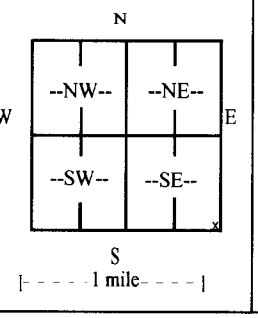
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐

Approximately 5 miles north and 1.5 miles west of Ogallah.

Global Positioning System (GPS) information:
Latitude: 39.059822 (in decimal degrees)
Longitude: -99.76053 (in decimal degrees)
Elevation: Unknown
Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27
Collection Method:
☒ GPS unit (Make/Model: WAAS)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☒ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: City of Ellis
RR#, Street Address, Box #: 815 Jefferson
City, State, ZIP Code : Ellis, KS 67637

3 LOCATE WELL WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 92 ft.
Depth(s) Groundwater Encountered (1) ____ ft. (2) ____ ft. (3) ____ ft.
WELL'S STATIC WATER LEVEL 32.80 ft. below land surface measured on mo/day/yr 03/17/15
Pump test data: Well water was not checked ft. after ____ hours pumping ____ gpm
EST. YIELD ____ gpm. Well water was ____ ft. after ____ hours pumping ____ gpm
Bore Hole Diameter 5 in. to 98 ft., and ____ in. to ____ ft.
WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well
☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☒ Other (Specify below)
☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well Observation 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: ☐ Steel ☒ PVC ☐ Other ____
CASING JOINTS: ☒ Glued ☐ Clamped ☐ Welded ☐ Threaded ☐ Other (Specify)
Casing diameter 2 in. to 65 ft., Diameter 2 in. to 90 ft., Diameter ____ in. to ____ ft.
Casing height above land surface 24 in., Weight .70 lbs./ft., Wall thickness or gauge No. .154
TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☒ PVC ☐ Other (Specify) ____
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous slot ☒ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☐ None (open hole)
☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) ____
SCREEN-PERFORATED INTERVALS: From 65 ft. to 80 ft., From ____ ft. to ____ ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.
GRAVEL PACK INTERVALS: From 36 ft. to 98 ft., From ____ ft. to ____ ft.
From ____ ft. to ____ ft., From ____ ft. to ____ ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other
Grout Intervals: From 0 ft. to 36 ft., From ____ ft. to ____ ft., From ____ ft. to ____ ft.
What is the nearest source of possible contamination:
☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☒ Other (specify below)
☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well None Known
☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well
Direction from well ____ Distance from well ____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	Topsoil	51	52	Sand, fine
4	5	Sand, fine to coarse	52	55	Clay, gray, caliche, sand streaks
5	15	Clay, yellow, gray	55	57	Clay, brown
15	17	Clay, gray	57	68	Sand, fine, some brown clay
17	26	Sand, fine to coarse, fine gravel	68	70	Cemented sand, caliche
26	27	Clay, brown	70	72	Sand, fine
27	32	Sand, fine to medium	72	73	Clay, brown
32	37	Clay, gray, brown	73	75	Sand, fine, some cemented sand
37	45	Clay, gray, brown, fine sand streaks	75	79	Sand, fine
45	51	Clay, gray, some cemented sand	79	82	Clay, brown (cont.)

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 03/17/15 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) 03/26/15 under the business name of Clarke Well & Equipment, Inc. by (signature) [signature]

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of $5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

KSA 82a-1212

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FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
82	93	Clay, gray, brown			
93	94	Clay, gray			
94	95	Sand, fine to coarse			
95	97	Clay, yellow, white			
97	98	Shale, brown			

RECEIVED

APR 30 2015

KS GEO SURVEY