WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID 5580

■ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Sherman | Fraction: ¼ NW ¼ NW ¼ NE ¼ | Section Number: 19 | Township Number: T 6 S | Range Number: R 37 ☐ E ■ W

2 WELL OWNER: Last Name: Query First: Alan
Business: Q7 Farms
Address: 990 Mentlick
Address:
City: Colby State: KS ZIP: 67701

Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: ☐
CR 32 & CR 77 1/4 West South West around Circle

3 LOCATE WELL WITH "X" IN SECTION BOX:
N / W / E / S; NW, NE, SW, SE; |---------1 mile---------|

4 DEPTH OF COMPLETED WELL: 308 ft.
Depth(s) Groundwater Encountered: 1) 172 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 172 ft.
■ below land surface, measured on (mo-day-yr) 08-01-16
☐ above land surface, measured on (mo-day-yr) .....
Pump test data: Well water was 223 ft. after 8 hours pumping 700 gpm
Well water was 224 ft. after 24 hours pumping 650 gpm
Estimated Yield: 650 gpm
Bore Hole Diameter: 30 in. to 306.5 ft. and 17 in. to 308 ft.

5 Latitude: 39.52424 (decimal degrees)
Longitude: 101.49086 (decimal degrees)
Horizontal Datum: ☐ WGS 84 ■ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
■ GPS (unit make/model: Garmin) (WAAS enabled? ■ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: .....

6 Elevation: 3487 ft. ■ Ground Level ☐ TOC
Source: ☐ Land Survey ■ GPS ☐ Topographic Map ☐ Other .....

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ■ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID .....
6. ☐ Dewatering: how many wells? .....
7. ☐ Aquifer Recharge: well ID .....
8. ☐ Monitoring: well ID .....
9. Environmental Remediation: well ID ..... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ Recovery ☐ Injection
10. ☐ Oil Field Water Supply: lease .....
11. Test Hole: well ID ..... ☐ Cased ☐ Uncased ☐ Geotechnical
12. Geothermal: how many bores? ..... a) Closed Loop ☐ Horizontal ☐ Vertical b) Open Loop ☐ Surface Discharge ☐ Inj. of Water
13. ☐ Other (specify): .....

Was a chemical/bacteriological sample submitted to KDHE? ☐ Yes ■ No If yes, date sample was submitted: .....
Water well disinfected? ■ Yes ☐ No

8 TYPE OF CASING USED: ■ Steel ☐ PVC ☐ Other ..... CASING JOINTS: ☐ Glued ☐ Clamped ■ Welded ☐ Threaded
Casing diameter 16 in. to 200 ft., Diameter 16 in. to 308 ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in. Weight 36.91 lbs./ft. Wall thickness or gauge No. .219

TYPE OF SCREEN OR PERFORATION MATERIAL:
■ Steel ☐ Stainless Steel ☐ Fiberglass ☐ PVC ☐ Other (Specify) .....
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous Slot ☐ Mill Slot ☐ Gauze Wrapped ☐ Torch Cut ☐ Drilled Holes ☐ Other (Specify) .....
☐ Louvered Shutter ■ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 200 ft. to 300 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 308 ft. to 20 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ■ Neat cement ☐ Cement grout ☐ Bentonite ☐ Other .....
Grout Intervals: From 20 ft. to +1 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

Nearest source of possible contamination:
☐ Septic Tank ☐ Lateral Lines ☐ Pit Privy ☐ Livestock Pens ☐ Insecticide Storage
☐ Sewer Lines ☐ Cess Pool ☐ Sewage Lagoon ☐ Fuel Storage ☐ Abandoned Water Well
☐ Watertight Sewer Lines ☐ Seepage Pit ☐ Feedyard ☐ Fertilizer Storage ☐ Oil Well/Gas Well
☐ Other (Specify) None
Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Topsoil	242	248	Fine Sand, Small Gravel
2	55	Brown Silty Clay	248	272	Fine to Coarse Sand, Sandstone Streaks
55	95	Brown Sandy Clay, Gravel, Sandstone	272	285	F to C Sand, Brown Sandy Clay
95	122	Sand, Brown Clay, Sandstone layer	285	298	F to C Sand, Small Gravel
122	148	Sand,Brn.&Grn.Sandy Clay,Sandstne lyr	298	301	Coarse Sand, Small Gravel
148	172	Brn Sandy Clay, Sandstone layers	301	308	Ochre, Black Shale
172	185	Coarse Sand, Gravel			
185	210	F to C Sand, Brn Sandy Clay,S S Streaks			
210	242	F Sand, Grey Sandy Clay, S S Streaks			

Notes: Sandstone layers & Streaks throughout Formation
Installed 280' of 1" Sch 40 Water Level Tube in Gravel Pack

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ■ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo-day-year) 08-08-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 633 This Water Well Record was completed on (mo-day-year) 12-30-2016 under the business name of DMW Well & Pump Service Signature Jerry T. Hudnall

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at [illegible] KSA 82a-1212 **Revised 7/10/2015**