WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. _____ Well ID _____

■ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: OTTAWA | Fraction: SW ¼ SE ¼ SE ¼ NW ¼ | Section Number: 10 | Township Number: T 10 S | Range Number: R 4 ☐ E ■ W

2 WELL OWNER: Last Name: First:
Business: BERGEN FARM LLC
Address: P O BOX 721200
Address:
City: NORMAN State: OK ZIP: 73070-4916

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: ☐
4 1/2 MILES SOUTH OF DELPHOS ON 90TH ROAD
3 WELLS IN A SERIES

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

4 DEPTH OF COMPLETED WELL: 120 ft.
Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft. or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 23 ft.
■ below land surface, measured on (mo-day-yr) 03/02/2016
☐ above land surface, measured on (mo-day-yr) .....
Pump test data: Well water was 58 ft. after 2 hours pumping 425 gpm
Well water was ..... ft. after ..... hours pumping ..... gpm
Estimated Yield: 425 gpm
Bore Hole Diameter: 28 in. to 120 ft. and ..... in. to ..... ft.

5 Latitude: 39.198109 (decimal degrees)
Longitude: -97.754495 (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: 1276 ft. ☐ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ■ Other GOOGLE EARTH

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 60 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 12 in. Weight 15.853 lbs./ft. Wall thickness or gauge No. .500

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 60 ft. to 120 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 25 ft. to 120 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ☐ Other .....
Grout Intervals: From 0 ft. to 25 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	5	TOP SOIL	115	117	IRON PYRITE
5	12	BROWNISH - BLACK CLAY	117	120	WHITE SAND STONE AND PYRITE LAYE
12	21	LIGHT BROWN CLAY			
21	32	LIGHT GREY CLAY			
32	35	GREY CLAY AND FINE SAND			
35	40	BLUE SNAD AND GRAVEL			
40	42	GRAVEL AND SAND	Notes:		
42	113	WHITE SAND STONE AND IRON PYRIT			
113	115	GREY CLAY			

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) 02/19/2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 480 This Water Well Record was completed on (mo-day-year) 07/21/2017 under the business name of WILLAIMS DRILLING CO INC Signature Ron Williams

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 http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**