KOLAR Document ID: 1475773

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. | Well ID: JMW-04I

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Geary | Fraction: NE ¼ NE ¼ SE ¼ NW ¼ | Section Number: 12 | Township Number: T 12 S | Range Number: R 5 ☑ E ☐ W

2 WELL OWNER: Last Name: First:
Business: One Gas, Inc.
Address: 15 East Fifth Street
Address:
City: Tulsa State: Oklah ZIP: 74103

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: ☐
301 East 4th Street
Junction City, KS 66441

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

4 DEPTH OF COMPLETED WELL: 49.0 ft.
Depth(s) Groundwater Encountered: 1) 19.5 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 18.85 ft.
☑ below land surface, measured on (mo-day-yr) 09/23/2019
☐ above land surface, measured on (mo-day-yr).....
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm
Well water was ..... ft. after ..... hours pumping ..... gpm
Estimated Yield: .....gpm
Bore Hole Diameter: 8.5 in. to 49.0 ft. and ..... in. to ..... ft.

5 Latitude: 39.025891 (decimal degrees)
Longitude: 96.826186 (decimal degrees)
Datum: ☑ WGS 84 ☐ NAD 83 ☐ NAD 27
Source for Latitude/Longitude:
☐ GPS (unit make/model: .....) (WAAS enabled? ☐ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: .....

6 Elevation: 1077 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ☑ Other KOLAR

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 JMW-04I
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 2.0 in. to 39.0 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 0 in. Weight ..... lbs./ft. Wall thickness or gauge No. Sch.40

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 ☐ Other (Specify) .....
☐ Louvered Shutter ☐ Key Punched ☐ Wire Wrapped ☐ Saw Cut ☐ None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 39.0 ft. to 49.0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 34.5 ft. to 49.0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☑ Cement grout ☑ Bentonite ☑ Other Bentonite Pellets
Grout Intervals: From 0 ft. to 3.0 ft., From 3.0 ft. to 27.0 ft., From 27.0 ft. to 34.5 ft.

Nearest source of possible contamination: ☐ No potential source of contamination within 200 ft.
☐ 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) .....
Direction from well? W Distance from well? 99 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
Attached	Attached	Attached			

Notes:

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) 09/05/2019 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606 This Water Well Record was completed on (mo-day-year) 10/16/2019 under the business name of Dakota Technologies Company, L.L.C.

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

Form	WWC5
Contractor	Dakota Technologies Company, L.L.C.
Well Owner	
Doc ID	1475773

Litholgy

From	To	LithologicLog
0	.50	Asphalt
.50	4.0	Silt w/Clay, 10yr 3/2, Dry to Damp, Non Plastic, Medium Stiff
4.0	5.25	Silt, 10yr 3/4, Damp, Soft
5.25	8.50	Clay, 10yr 4/2, Damp, Stiff, Plastic
8.5	15.5	Clay, 10yr 5/2, Damp, Stiff, Plastic
15.5	17.75	Silt, 10yr 6/2, Damp, Soft
17.75	18.50	Clay, Some Silt
18.5	24.0	Sand, 10yr 6/4, Damp, Loose, Medium Grained, Wet
24.0	24.75	Sand, 10yr 6/2, Damp, Loose, Medium Grained
24.75	25.0	Clay w/Sand, 10yr 5/2, Wet, Non Plastic
25.0	32.0	Sand, 10yr 6/4, Wet, Loose, Medium Grained
32.0	33.25	Sand, 10yr 6/3, Wet, Loose, Medium Grained
33.25	33.75	Sand, 10yr 6/3, Wet, Soft, Medium Grained
33.75	36.25	Sand, 10yr 6/3, Wet, Soft, Medium to Coarse Grained
36.25	40.0	Sand, 10yr 6/3, Wet, Soft, Medium Grained
40.0	41.75	Sand, 10yr 6/3, Wet, Soft, Medium to Coarse Grained

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Litholgy

From	To	LithologicLog
41.75	44.0	Sand, 10yr 6/3, Wet, Soft, Medium Grained, Trace Gravel
44.0	44.75	Sand, 10yr 6/3, Wet, Soft, Medium to Coarse Grained
44.75	45.50	Sand, 10yr 6/3, Wet, Soft, Medium to Coarse Grained
45.50	46.25	Shale, Brown, Weathered
46.25	49.0	Shale, Very Dark Gray, 10yr 3/4, Weathered,