

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: Fraction 1/4 1/4 1/4 1/4 Section Number Township Number T S Range Number R E W

2 WELL OWNER: Last Name: Business: Address: City: State: ZIP: Street or Rural Address where well is located

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S

4 DEPTH OF COMPLETED WELL: Depth(s) Groundwater Encountered: 1) ... 2) ... 3) ... 4) ... WELL'S STATIC WATER LEVEL: ... Pump test data: ...

5 Latitude: ... (decimal degrees) Longitude: ... (decimal degrees) Datum: ... Source for Latitude/Longitude: ...

6 Elevation: ... ft. Source: ...

7 WELL WATER TO BE USED AS: 1. Domestic: 2. Irrigation: 3. Feedlot: 4. Industrial: 5. Public Water Supply: 6. Dewatering: 7. Aquifer Recharge: 8. Monitoring: 9. Environmental Remediation: 10. Oil Field Water Supply: 11. Test Hole: 12. Geothermal: 13. Other

Was a chemical/bacteriological sample submitted to KDHE? Water well disinfected?

8 TYPE OF CASING USED: CASING JOINTS: TYPE OF SCREEN OR PERFORATION MATERIAL: SCREEN OR PERFORATION OPENINGS ARE: SCREEN-PERFORATED INTERVALS: GRAVEL PACK INTERVALS:

9 GROUT MATERIAL: Nearest source of possible contamination: Direction from well? Distance from well?

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

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) and this record is true to the best of my knowledge and belief.

Form	WWC5
Contractor	Dakota Technologies Company, L.L.C.
Well Owner	
Doc ID	1414015

Litholgy

From	To	LithologicLog
0	.50	Concrete
.50	5.0	Clay, with Silt, Dk Brn, 10yr, 3/2,Damp, Soft, Trace Plasticity
5.0	6.25	Clay, with Silt, Brn, 10yr, 5/3, Damp, Stiff, Trace Plasticity
6.25	6.75	Silt, Trace clay, Pale Brn, 10yr,6/3, Damp, Medium Stiffness, Non Plastic
6.75	7.75	Clay, Trace Silt, Dk Brn, 10yr, 3/3, Damp, Stiff, High Plasticity
7.75	8.25	Silt, Trace Clay, Grayuish brn, 10yr, 5/2, Damp, Soft, Non Plastic
8.25	8.50	Clay, Dk Brn, 10yr, 3/3, Damp, Stiff, Medium Plasticity
8.50	11.75	Silt, Trace to Some Fine Sand, Pale Brn, 10yr, 6/3, Dry to Damp,Soft, Non Plastic
11.75	12.0	Clay, Dk Grayish Brn, 10yr, 4/2, Damp,Medium Stiffness, High Plasticity
12.0	13.0	Silt, Trace Fine sand,Grayish Brn, 10yr, 5/2, Moist to Wet, Soft, Non Plastic
13.0	13.25	Clay, Dk Grayish Brn, 10yr, 4/2, Damp, Stiff, High Plasticity

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From	To	LithologicLog
13.25	14.50	Silt, Trace Finne Sand, Grayish Brn, 10yr, 5/2, Damp to Moist, Medium Stiffness, Non Plastic
14.50	15.50	lay, Dk brn, 10yr, 3/3, Damp, Stiff, High Plasticity
15.50	16.50	Silt, Trace Clay, Grayish Brn, 10yr, 5/2, Moist, Soft, Non Plastic
16.50	17.75	Clay, Dk Gray, 10yr, 4/1, Damp, Stiff, High Plasticity
17.75	18.50	Clay, Dk Gray, 10yr, 4/1, Damp, Stiff, High Plasticity
18.50	20.50	Silt, Trace to some Clay, Dk Grayish Brn, 10yr, 4/2, Damp to Moist, Soft, Non Plastic
20.50	21.0	Clay, Some Silt, Grayish Brn, 10yr, 5/2, Damp, Medium Stiffness, Trace Plasticity
21.0	21.25	Silt, with Angular Gravel Fragments, Grayish Brn, 10yr, 5/2, Damp, Soft, Non Plastic
21.25	23.0	Silt, Trace Clay, Trace Fine Sand, Grayish Brn, 10yr, 5/2, Wet, Soft, Non Plastic
23.0	25.0	Sand, Trace silt, Light yellowish brn, 10yr, 6/4, Moist, Dense, Fine, Some Medium , Poorly Graded, Sub Rounded

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Litholgy

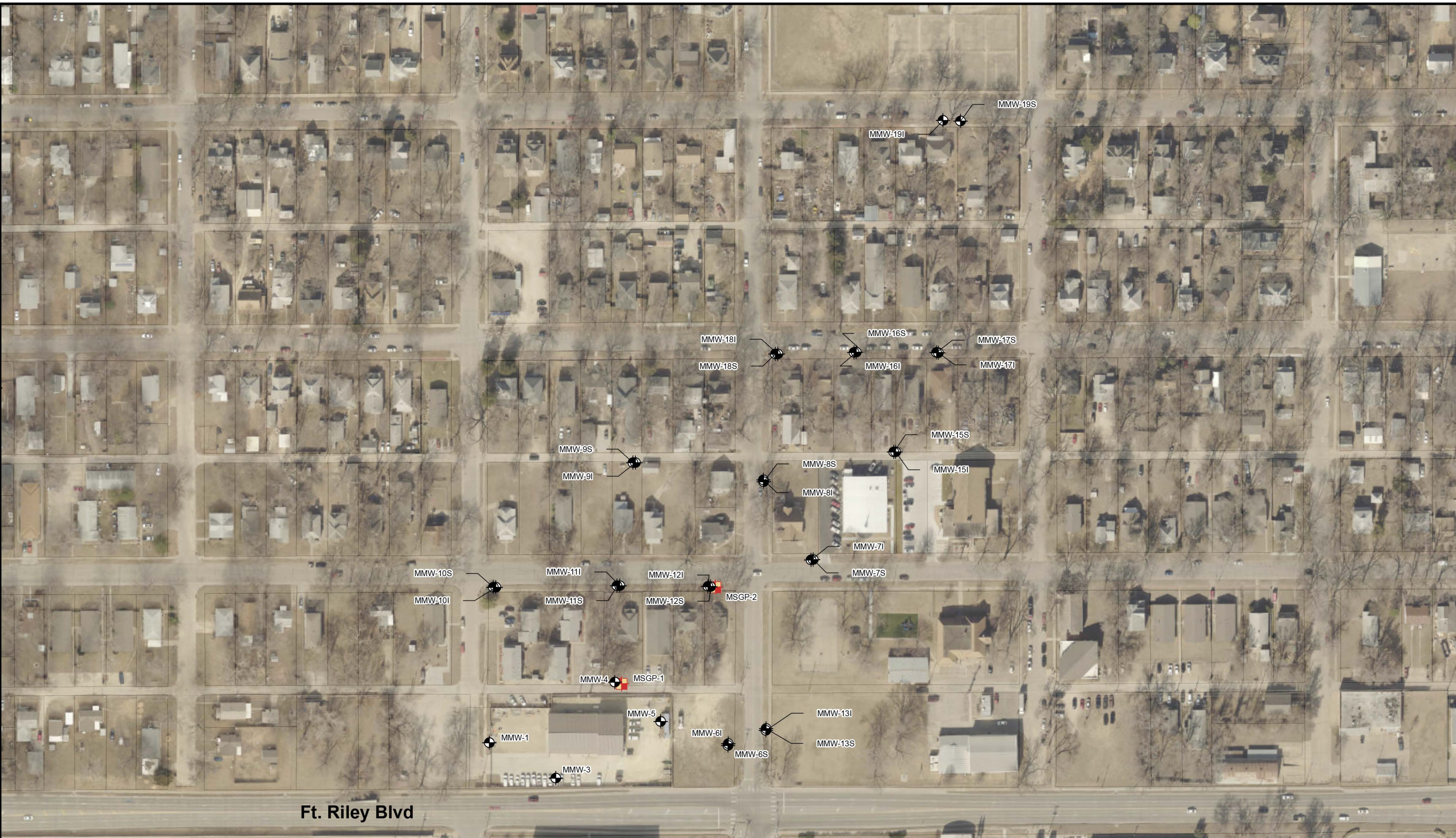
From	To	LithologicLog
25.0	28.50	Sand, Trace Silt, Pale Brn, 10yr, 6/3, Wet, Fine, Some Medium, Medium Density, Poorly Graded, Sub Rounded
28.50	29.25	Sand, Some Silt, Grayish Brn, 10yr, 5/2, Wet, Dense, Fine, Trace Medium, Poorly Graded, Sub Angular
29.25	32.0	Sand, Trace Silt, Gray, 10yr, 5/1, Wet, Fine to Medium, Trace Coarse, Poorly Graded, Medium Density, Sub Rounded
32.0	34.0	Clay, Some Silt, Grayish brn, 10yr, 5/2, Wet, Soft, Medium Plasticity
34.0	37.0	sand, Trace silt, Grayish brn, 10yr, 5/2, Wet, Medium Density, Fine, Some Medium, Poorly graded, Sub Angular
37.0	39.75	Sand, Trace Silt, Trace Fine Gravel, Gray 10yr, 5/1, Medium density, Fine to Medium, Poorly Graded, Sub Rounded
39.75	40.0	Clay, Greenish Gray, 10yr, 5/1, Moist, Soft, Medium Plasticity
40.0	45.0	Sand, Trace silt, Gray, 10yr, 5/1, Wet, Medium density, Fine, Some Medium, Poorly Graded, Sub Rounded

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From	To	LithologicLog
45.0	48.50	sand, gray, 10yr, 5/1, Wet, Dense, Fine, Poorly Graded, Sub Rounded, Trace Medium to Coarse
48.50	50.0	Sand, Gray, 10yr, 5/1, Wet, Medium, Some Coarse, Poorly Graded, Medium density, Sub Angular, Trace Fine Gravel

Path: Z:\Clients\ENSO\OneGas\103248_Manhattan\2017\Studies\Geospatial\DataFiles\ArcDocs\1-3SI_Monitoring_Well_&_SGP_Locations\2018.mxd kdbaker 6/29/2018
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Ft. Riley Blvd

Legend

-  Monitoring Well
-  Soil Gas Probe
-  Parcel Boundary

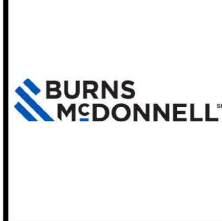


Figure 1-3
SI Monitoring Well &
Soil Gas Probe
Locations
ONE GAS, INC.
MANHATTAN, KANSAS