

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID **MMW-10S**

1 LOCATION OF WATER WELL:

County: **Riley**

Fraction
SW 1/4 SE 1/4 SE 1/4 SW 1/4

Section Number
18

Township Number
T **10** S

Range Number
R **8** E ☐ W

2 WELL OWNER: Last Name:

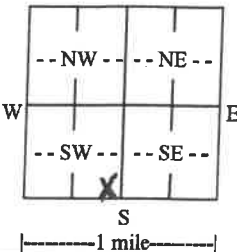
Business: **ONE Gas, Inc.**
Address: **15 East Fifth Street**
City: **Tulsa**

First:

State: **OK** 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: ☐
515 S. 11th Street, Manhattan

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 29 ft.

Depth(s) Groundwater Encountered: 1) ft.
2) ft. 3) ft., or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: ft.

☐ below land surface, measured on (mo-day-yr).....

☐ 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 in. to 29 ft. and

..... in. to ft.

5 Latitude: 39.1752155 (decimal degrees)

Longitude: -96.5732778 (decimal degrees)

Horizontal 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: 1018.64 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 **MMW-10S**

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 in. to 19 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:

- ☐ Steel ☐ Stainless Steel ☐ Fiberglass ☒ PVC
☐ Brass ☐ Galvanized Steel ☐ Concrete tile ☐ None used (open hole)

☐ Other (Specify)

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 19 ft. to 29 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 14 ft. to 29 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other **Concrete**

Grout Intervals: From 0 ft. to 3 ft., From 3 ft. to 14 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) **former manufactured gas site**

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	10	Sand, vf, some silt			
10	12.5	Silt and Clay			
12.5	17.5	Sand, f, some silt			
17.5	25	Clay, some silt			
25	27	Clay			
27	29	Sand, m-c			
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) **7/27/2017** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **527** This Water Well Record was completed on (mo-day-year) **8/25/2017** under the business name of **GeoCore Inc.** Signature **[Signature]**

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.

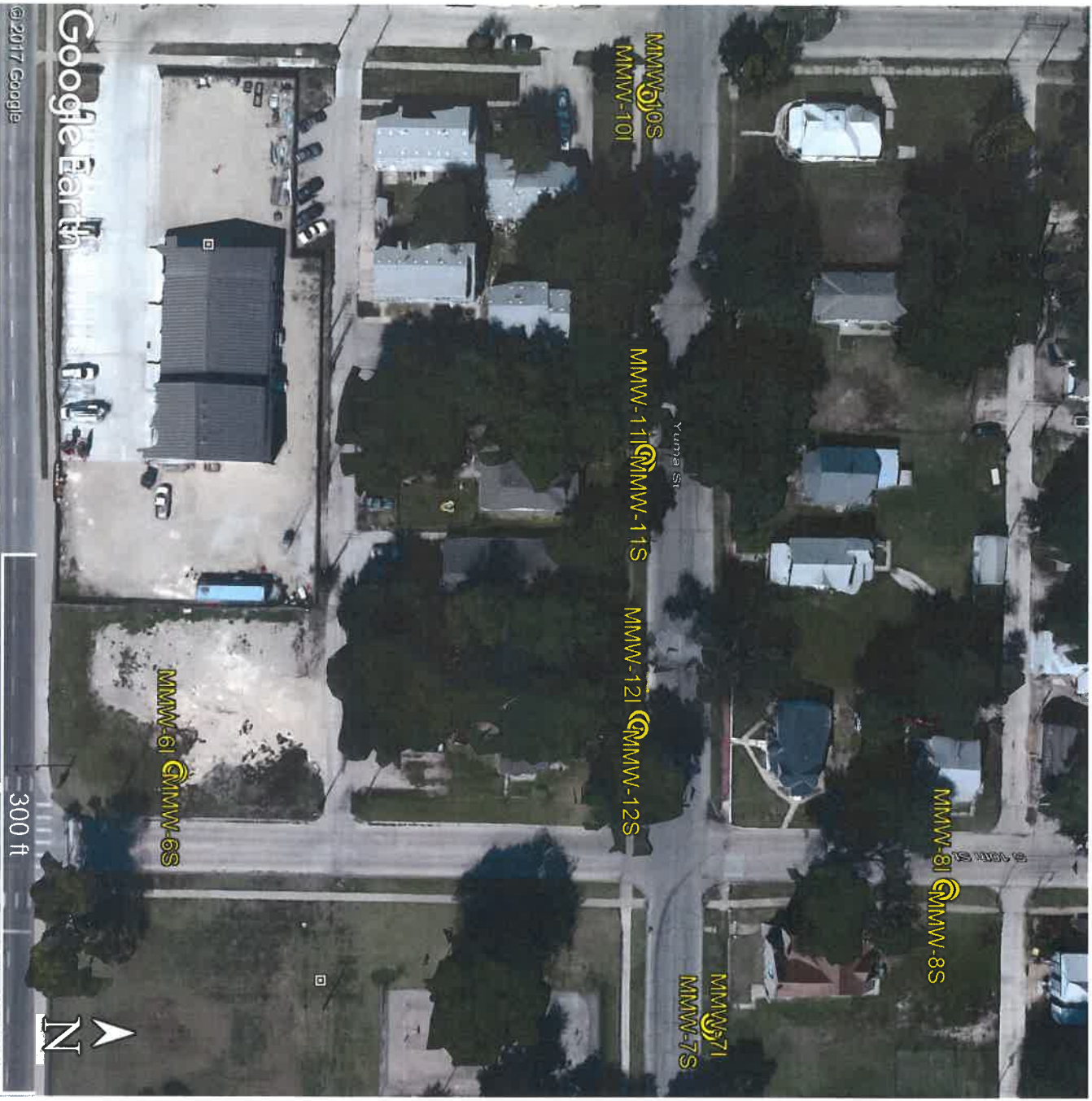
Visit us at <http://www.kdheks.gov/waterwell/index.html>

KSA 82a-1212

Revised 7/10/2015

Riley

18-10-8E



ONE Gas – Manhattan MGP Site (for Burns and McDonell)
515 S. 11th Street, Manhattan, Kansas

GPS Coordinates:

MMW-6I: 39.1744943, -96.5719465
MMW-7I: 39.1753152, -96.5714534
MMW-8I: 39.1756761, -96.5717184
MMW-10I: 39.1752158, -96.5732630
MMW-11I: 39.1752132, -96.5725527
MMW-12I: 39.1752053, -96.5720468

MMW-6S: 39.1745002, -96.5719436
MMW-7S: 39.1753162, -96.5714398
MMW-8S: 39.1756676, -96.5717183
MMW-10S: 39.1752155, -96.5732778
MMW-11S: 39.1752134, -96.5725679
MMW-12S: 39.1752030, -96.5720320

RECEIVED

OCT 16 2017

BUREAU OF WATER