

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID

MMW-81

1 LOCATION OF WATER WELL:

County: Riley

Fraction

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

Address:

City: Tulsa

State: OK ZIP: 74103

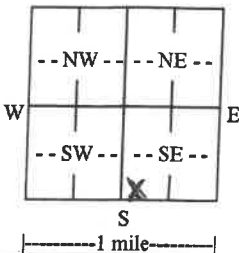
First:

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:

N



4 DEPTH OF COMPLETED WELL: 50 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 50 ft. and

..... in. to ft.

5 Latitude: 39.1756761 (decimal degrees)

Longitude: -96.5717184 (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: 1019.55 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-81

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 40 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 ☐ 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 40 ft. to 50 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 34.5 ft. to 50 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 34.5 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	12.5	Sand, f, some silt			
12.5	15	Clay, some silt, tr. sand			
15	27.5	Sand, f, tr. to some silt			
27.5	40	Sand, m-c			
40	50	Sand, m-c, tr. to some gravel			

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 Dale

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.

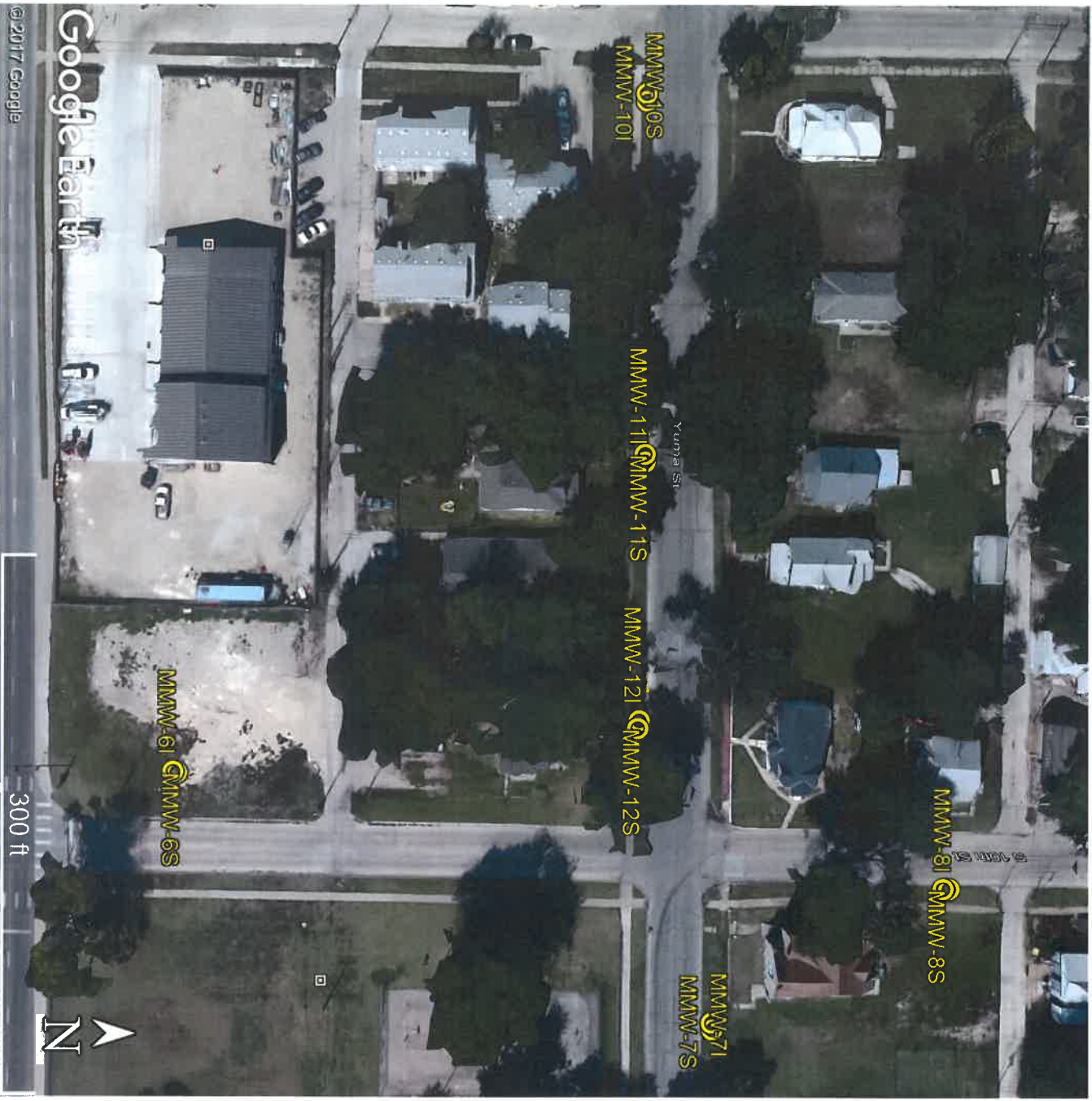
Visit us at <http://www.kdheks.gov/waterwell/index.html>

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