WATER WELL RECORD Form WWC-5

☐ Original Record ☐ Correction ☐ Change in Well Use

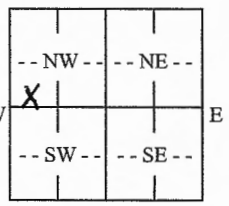
Division of Water Resources App. No. _____ Well ID MW-9

1 LOCATION OF WATER WELL: County: Riley | Fraction: SE ¼ SW ¼ SW ¼ NW ¼ | Section Number: 20 | Township Number: T 10 S | Range Number: R 8 ■ E ☐ W

2 WELL OWNER: Last Name: First:
Business: Tri-Lakes District
Address: PO Box 1568
Address:
City: Manhattan State: KS ZIP: 66505

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: ☐
481 McDowell Creek Road, Manhattan, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 15 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: 8.75 in. to 15 ft. and ..... in. to ..... ft.

5 Latitude: 39.16676 (decimal degrees)
Longitude: -96.55503 (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: 1010.55 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 MW-9
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 15 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 ☐ 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 5 ft. to 15 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 3 ft. to 15 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ■ Bentonite ■ Other cement pad
Grout Intervals: From 1 ft. to 3 ft., From 0 ft. to 1 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) contaminated site
Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	Asphalt, Gravel			
1	5	Clay, dark brown, damp			
5	9	Clay, dark brown, moist, gravel			
9	11.5	Clay, dark to light gray, moist, silty			
11.5	15	Sand, gray brown, very fine, moist			
			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) 3/31/21 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo-day-year) 5/13/21 under the business name of Environmental Priority Service, Inc. 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**

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home

April 25, 2021

Jamie Murphy
ppB Enviro-Solutions
112 SW 6th Ave, Suite 201
Topeka, Kansas, 66603

Proj. 21-00L
Capitol City Oil, Inc
A5-081-40502

RE: Monitor Well Elevation Survey
481 McDowell Creek Road, Manhattan, Kansas

Bench Mark: Chisled Square on South center of garage floor near the NE corner of property.

Elev: 1011.49 North 2717.02 West 4431.52 (from SE Cor. Sec. 20-10-8E)

MW-1	rim	1011.81	North	2622.68	SW1/4,SE1/4,SW1/4,NW1/4
	top pipe	1011.49	West	4488.33	Lat= 39.16680 Long = 96.55441
MW-2	rim	1012.13	North	2537.15	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	1011.53	West	4508.56	Lat= 39.16656 Long = 96.55449
MW-3	rim	1011.62	North	2585.08	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	1011.27	West	4550.60	Lat= 39.16670 Long = 96.55463
MW-4	rim	1011.27	North	2623.99	SW1/4,SE1/4,SW1/4,NW1/4
	top pipe	1010.57	West	4575.63	Lat= 39.16680 Long = 96.55472
MW-5	rim	1011.67	North	2612.10	SW1/4,SE1/4,SW1/4,NW1/4
	top pipe	1010.84	West	4457.21	Lat= 39.16677 Long = 96.55431
MW-6	rim	1012.29	North	2553.69	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	1011.81	West	4441.73	Lat= 39.16661 Long = 96.55425
MW-7	rim	1011.85	North	2695.77	SW1/4,SE1/4,SW1/4,NW1/4
	top pipe	1011.22	West	4463.49	Lat= 39.16700 Long = 96.55433
MW-8	rim	1010.81	North	2643.24	SW1/4,SE1/4,SE1/4,NW1/4
	top pipe	1010.22	West	4612.00	Lat= 39.16686 Long = 96.55485
MW-9	rim	1010.55	North	2609.16	SE1/4,SW1/4,SW1/4,NW1/4
	top pipe	1009.80	West	4661.84	Lat= 39.16676 Long = 96.55503
MW-10	rim	1012.10	North	2533.93	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	1011.54	West	4541.79	Lat= 39.16656 Long = 96.55460

Lat & Long derived from Manhatta 7.5' quad map. WGS84

Elevation established from NGS BM FF 115. NAVD 88

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

April 25 2021

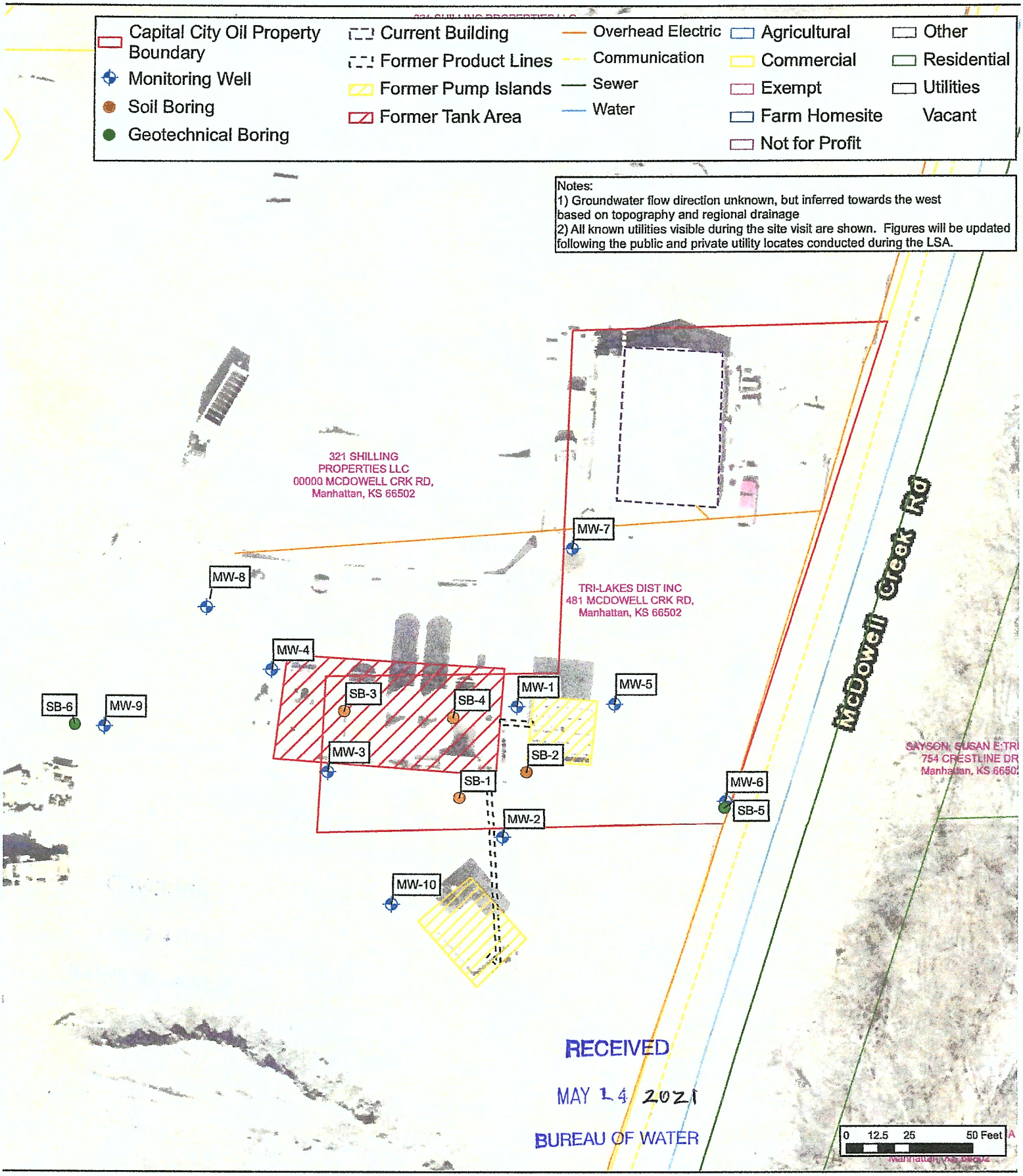
Dennis L Handke RLS

Dennis L Handke

RECEIVED

MAY 14 2021

BUREAU OF WATER



RECEIVED
MAY 14 2021
BUREAU OF WATER

DESIGNED BY:	CP
DRAWN BY:	CP
CHECKED BY:	JM
APPROVED BY:	CC
DATE:	FEBRUARY 2021

N

Site Map
Capital City Oil, Inc.

ppB enviro-solutions

481 McDowell Creek Rd.
Manhattan, Kansas
A5-081-40502

FIGURE
2

Limited Site Assessment Work Plan