

WATER WELL RECORD Form WWC-5

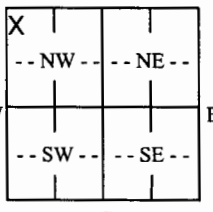
Division of Water Resources App. No.

Well ID MW-10

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Seward	Fraction NW ¼ NW ¼ NW ¼ NW ¼	Section Number 32	Township Number T 34 S	Range Number R 33 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: Guru Shakti, Inc. Business: Guru Shakti, Inc. Address: 1408 N. Western Ave Address: City: Liberal State: KS ZIP: 67901	First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): about "1411" N. Western Ave If at owner's address, check here: <input checked="" type="checkbox"/>
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  W E S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 195 ft. Depth(s) Groundwater Encountered: 1) 173.62 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 9/6/18 ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> 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 197 ft. and in. to ft.	5 Latitude: 37.05349(decimal degrees) Longitude: 100.93984(decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: Epoch) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: 2859.10ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID MW-10	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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**4**..... in. to**155**..... ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface**6**..... in. Weight lbs./ft. Wall thickness or gauge No.

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**155**..... ft. to**195**..... ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From**151**..... ft. to**195**..... ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From**0.5**..... ft. to**151**..... ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input checked="" type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well
<input type="checkbox"/> Other (Specify)				

Direction from well? Distance from well? ft.

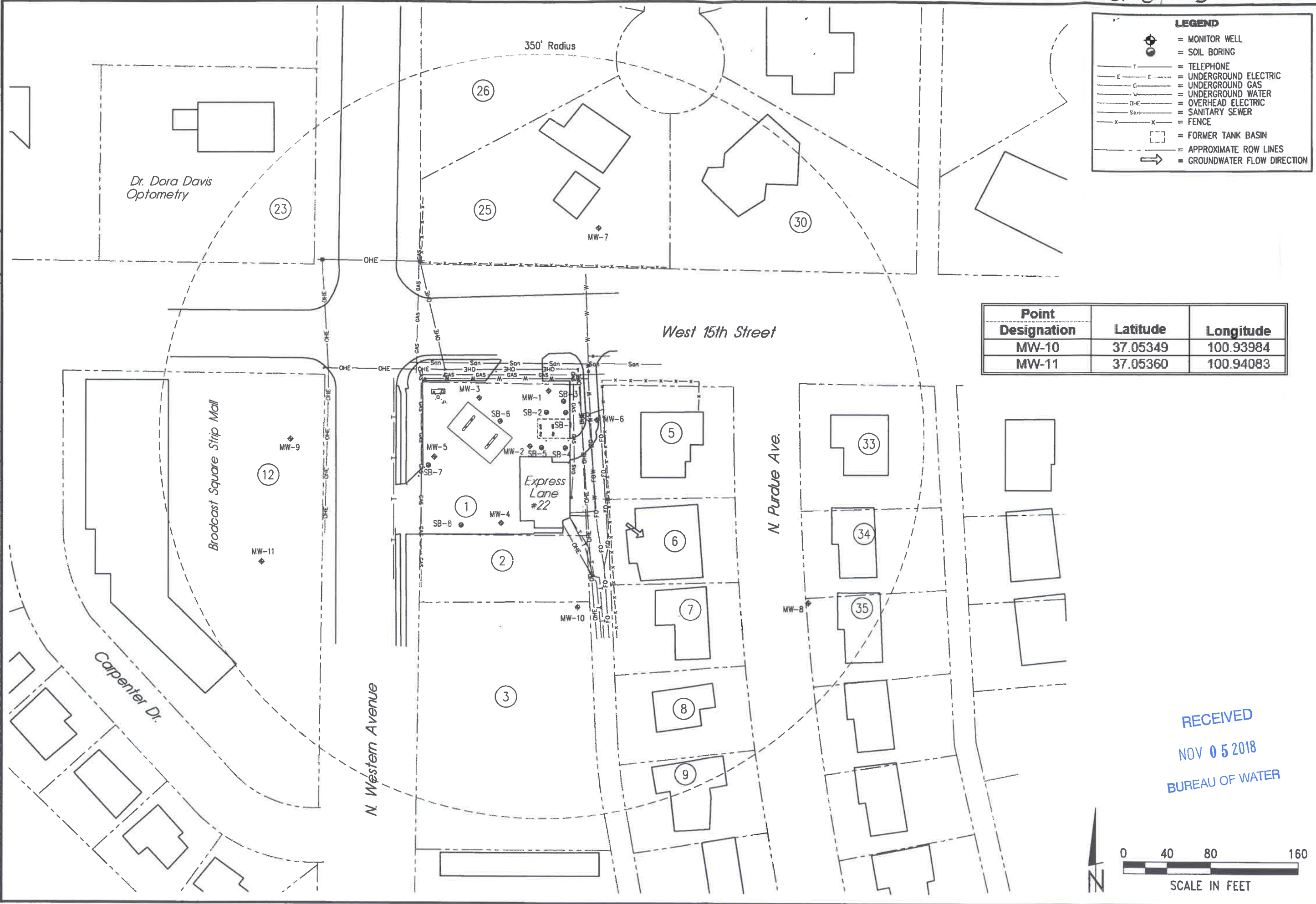
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Grass			
0.5	18	Silty Clay with trace sand			
18	46	Sand with sandy clay, trace caliche			
46	62	Clay and caliche with sand & sandy clay			
62	73	Sand and sandy clay with caliche			
73	128	Clay and caliche w/ sandy clay and sand			
128	133	Gravelly sand with clay and caliche			Notes: Express Lane #22; KDHE Project Code: U1-088-14879
133	185	Caliche & clay with sandy clay			
185	197	Gravelly sand with clay and caliche			

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) **8/31/18**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **881**..... This Water Well Record was completed on (mo-day-year) **10/16/18**..... under the business name of **Wootter Pump and Well**..... Signature

Seward NE NE NE NE

31-34-33

PLOTTED: 10/16/2018 11:21 AM SAVED: 10/5/2018 8:29 AM Brian S. Fahrbruch G:\Projects\286\286-P2-01\USA Addendum 10-2018\Figure 2.1.dwg



LEGEND

- = MONITOR WELL
- = SOIL BORING
- = TELEPHONE
- = UNDERGROUND ELECTRIC
- = UNDERGROUND GAS
- = UNDERGROUND WATER
- = OVERHEAD ELECTRIC
- = SANITARY SEWER
- = FENCE
- = FORMER TANK BASIN
- = APPROXIMATE ROW LINES
- = GROUNDWATER FLOW DIRECTION

Point Designation	Latitude	Longitude
MW-10	37.05349	100.93984
MW-11	37.05360	100.94083

REVISIONS	BY
MILCO Environmental Services, Inc. Keamey, NE (308) 237-5823 McCook, NE (308) 345-4741	
EXPRESS LANE #22 SITE BASE MAP - 350' RADIUS 1421 N. WESTERN AVENUE - LIBERAL, KANSAS U1-088-14879	
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<p>RECEIVED NOV 05 2018 BUREAU OF WATER</p> <p>SCALE: AS SHOWN PROJECT NO. M286-P2-01 DATE: OCTOBER, 2018 FIELD BOOK M&A DWG NO. DRAWN BY: BSF APRVD BY: SHEET</p>	
FIGURE 2.1	