

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

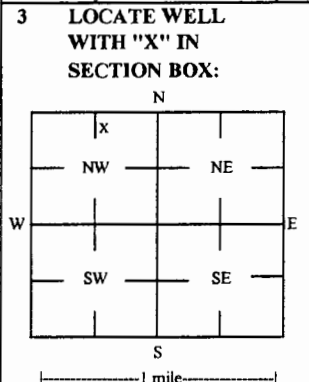
Well ID

MW20

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: Fraction NE 1/4 NW 1/4 NE 1/4 NW 1/4 Section Number 34 Township Number T 2 S Range Number R 12 E W

2 WELL OWNER: Last Name: Business: Coastal Mart, Inc. Address: 2 N. Nevada Ave. City: Colorado Springs State: CO ZIP: 80903 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 601 Branch St., Seneca, KS 66538



4 DEPTH OF COMPLETED WELL: 35 ft Depth(s) Groundwater Encountered: 1) ... 2) ... 3) ... 4) Dry Well WELL'S STATIC WATER LEVEL: 20.14 ft X below land surface, measured on (mo-day-yr) 3/9/17

5 Latitude: 39.84077 (decimal degrees) Longitude: 96.06424 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 X NAD 27 Source for Latitude/Longitude: GPS (unit make/model: ) Land Survey X Topographic Map Online Mapper

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 X Monitoring: well ID MW20 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor 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 Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes X No If yes, date sample was submitted: Water well disinfected? Yes X No

8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 15 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.31 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 15 ft. to 35 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 12.5 ft. to 35 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 12.5 ft. From ft. to 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify) Direction from well? NW Distance from well? ~220 ft

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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Gravel			
0.5	2	Silty clay, trace gravel			
2	24	Silty clay			
24	30	Poorly sorted sand			
30	35	Silty clay			

Notes: KDHE ID: Coastal Mart #9100; U4-066-10768 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 3/9/17 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757 This Water Well Record was completed on (mo-day-year) 3/27/17 under the business name of Larsen & Associates, Inc. Signature

# DENNIS L HANDKE

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TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

Jessica Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas, 66046

March 24, 2017

RE: Monitor Well Elevation Survey  
612 North Street, Seneca, Kansas

Proj. 17-00J  
Costal Mart #9100  
U4-066-10768

Bench Mark: Chisled X on top of SW bolt of South concrete sign base at NE corner of property.  
Elev: 1138.85      North 5182.36      West 3555.69      (from SE Cor. Sec. 34-2-12E)

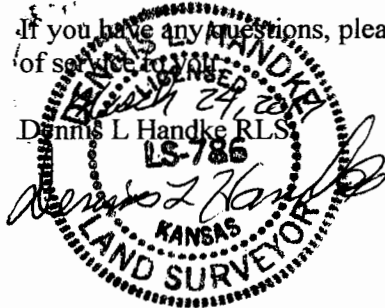
MW-20	rim	1132.67	North	5037.97	NE1/4,NW1/4,NE1/4,NW1/4
	top pipe	1132.36	West	3385.84	Lat= 39.84077 Long = 96.06424

Lat & Long derived existing Seneca 7.5' quad map. NAVD 27

Elevation established from existing well project.

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

Dennis L Handke RLS



RECEIVED

APR 12 2017

BUREAU OF WATER