

WATER WELL RECORD Form WWC-5

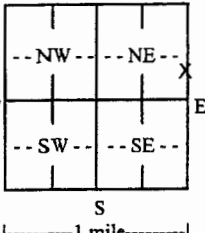
Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID MW-12d

1 LOCATION OF WATER WELL: County: Cloud	Fraction SW ¼ SW ¼ NE ¼ NE ¼	Section Number 20	Township Number T 8 S	Range Number R 01 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	---------------------------------	----------------------	--------------------------	---

2 WELL OWNER: Last Name: First: Business: Farmway Coop Address: 204 E. Court St. Address: PO Box 568 City: Beloit State: Kansas ZIP: 67420	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: <input type="checkbox"/> 75ft south of RR bridge across Chapman Creek from SE corner of Farmway Coop in Miltonvale, KS
--	--

3 LOCATE WELL WITH "X" IN SECTION BOX: N  S -----1 mile-----	4 DEPTH OF COMPLETED WELL: 73 ft. Depth(s) Groundwater Encountered: 1) 10 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 4.76 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 9-7-16..... <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: 6 in. to 73 ft. and in. to ft.	5 Latitude: 39.34666 (decimal degrees) Longitude: 97.44376 (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 type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
		6 Elevation: 1367.30 ft. <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-12d	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 2 in. to 63 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 24 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 63 ft. to 73 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 61 ft. to 73 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

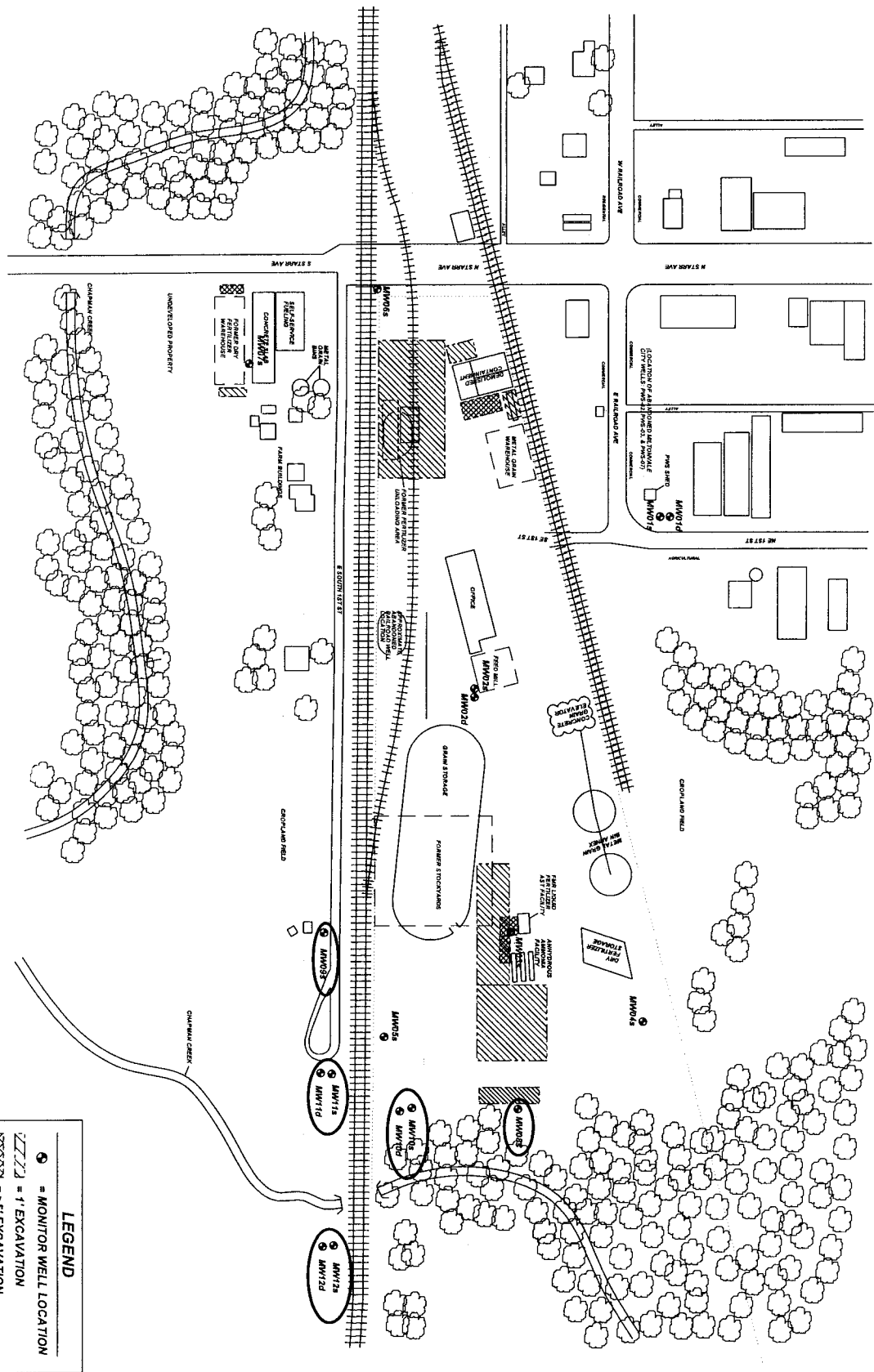
Grout Intervals: From 1 ft. to 61 ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) Nitrate impacted Voluntary Clean up site

Direction from well? northwest Distance from well? 100 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Top soil, brn silty clay loam			
2	10	Silty Clay, brn to dk brn sat. @~12ft			
10	18	Silty Clay, grvl, trc sand, sat. brn			
18	46	grades to Sand, poorly sorted, very fn grn, trc grv			
46	73	Sand, well sorted, very fine grain, brn			
73		TD on shale bedrock			
Notes: Above grade completion					

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) 8/18/2018 and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 585 This Water Well Record was completed on (mo-day-year) 11/1/2016
under the business name of Associated Environmental, Inc. Signature *[Signature]*



LEGEND

- = MONITOR WELL LOCATION
- ZZZZ = 1' EXCAVATION
- XXXX = 5' EXCAVATION
- = SUBJECT PROPERTY

SCALE: 1" = 150'

NOTES: Sample Date: 9/7/2016



Figure 1 Site Map

ASSOCIATED ENVIRONMENTAL INC.

PROJECT: FARMWAY COOP MILTONVALE FACILITY

ADDRESS: SE 1ST ST

LOCATION: Miltonvale, KS

DRAWN BY: B. Scott DATE: 11/22/16

REVISED BY: B. Johnson DATE: 11/22/16

KOHE JOB #: #01VCP009

AEI JOB #: VC018