

**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.

Well ID TMW15

**1 LOCATION OF WATER WELL:** County: **Seward** Fraction: **SE 1/4 NW 1/4 SW 1/4** Section Number: **4** Township Number: **T 35 S** Range Number: **R 33 E W**

**2 WELL OWNER:** Last Name: **Jim Madden** First: **Jim** 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:   
 Business: **Jim Madden** Address: **32684 Upper Bear Creek Ct.** **537 S. Washington, Liberal**  
 Address: **32684 Upper Bear Creek Ct.**  
 City: **Evergreen** State: **CO** ZIP: **80439**

**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

	NW	NE	
W	X		E
	SW	SE	
	S		

-----1 mile-----

**4 DEPTH OF COMPLETED WELL:** **210** ft.

Depth(s) Groundwater Encountered: 1) ..... ft.  
 2) ..... ft. 3) ..... ft., or 4)  Dry Well

WELL'S STATIC WATER LEVEL: **190.69** ft.  
 below land surface, measured on (mo-day-yr) **7/31/19**.....  
 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 **213** ft. and  
 ..... in. to ..... ft.

**5 Latitude:** **37.03115** .....(decimal degrees)  
**Longitude:** **-100.92104** .....(decimal degrees)  
 Horizontal Datum:  WGS 84  NAD 83  NAD 27  
 Source for Latitude/Longitude:  
 GPS (unit make/model: **iGage iG8 Base/Rover**)  
 (WAAS enabled?  Yes  No)  
 Land Survey  Topographic Map  
 Online Mapper: .....

**6 Elevation:** **2840.44** .....ft.  Ground Level  TOC  
 Source:  Land Survey  GPS  Topographic Map  
 Other .....

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
6. <input type="checkbox"/> Dewatering: how many wells? .....	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	11. Test Hole: well ID .....
8. <input checked="" type="checkbox"/> Monitoring: well ID <b>TMW15</b> .....	9. Environmental Remediation: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	12. Geothermal: how many bores? .....
		a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
		b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
		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 **180** ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface **4.2** in. Weight ..... lbs./ft. Wall thickness or gauge No. **Sch. 80**.....

**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 **180** ft. to **210** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From **174** ft. to **213** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

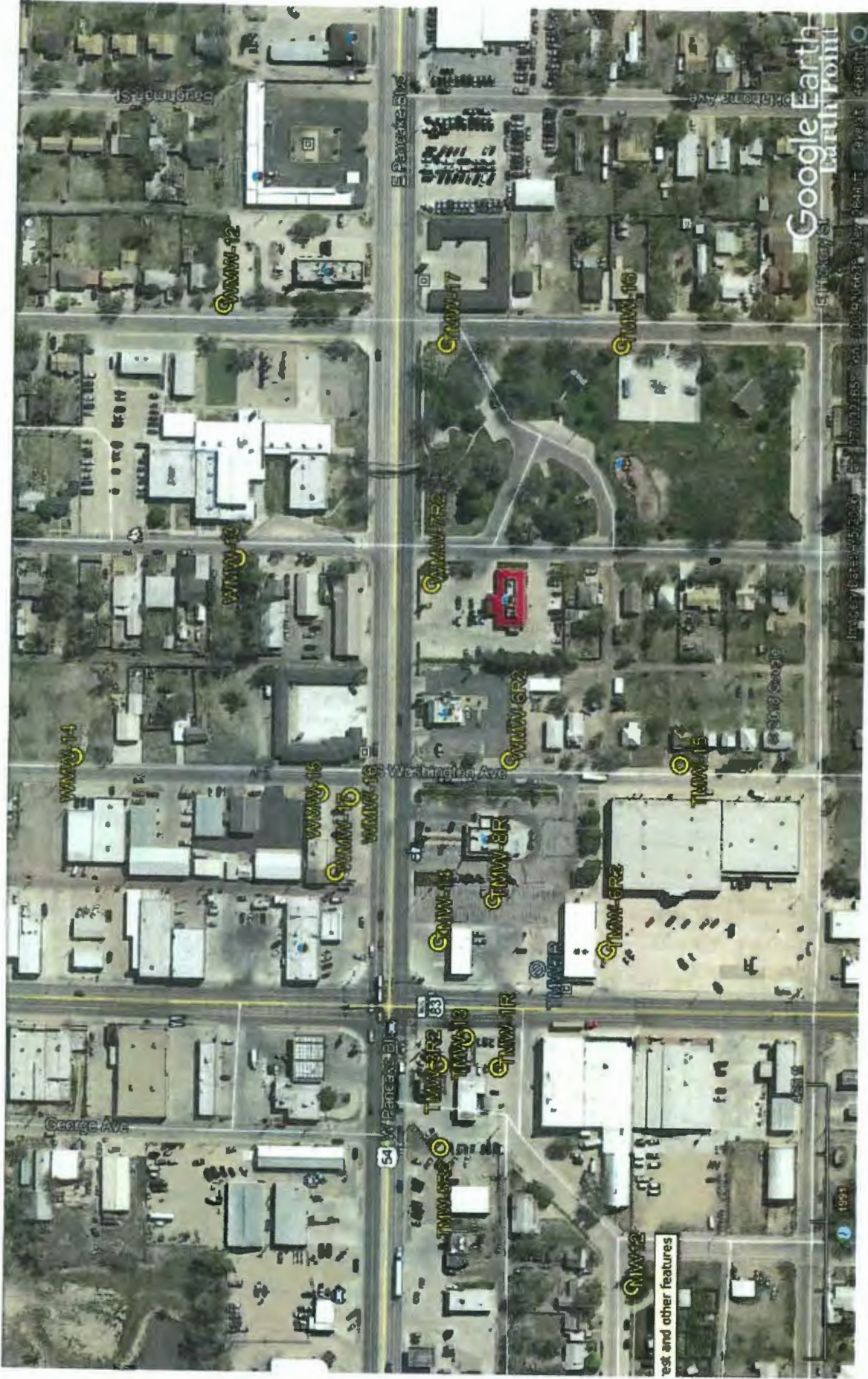
**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other **Concrete**.....  
 Grout Intervals: From **0** ft. to **1** ft., From **1** ft. to **174** ft., From ..... ft. to ..... ft.

**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	0.5	Concrete	85	143	Clay, silty, sandy
0.5	5	Hydroexcavated - No Sample	143	153	Caliche, sandy, V. Pale Brown
5	8	Clay, silty, Brown	153	184	Clay, Lt. Brn w/Sandstone stringers
8	13	Sand, vf-f, Yellow Brown	184	196	Intbd Clay and Sand, vf-m
13	38	Clay, sandy w/sand stringers	196	213	Sand, vf-c, Lt Brn w/Lt Gry Brn clay strngrs
38	53	Clay, silty, Yel Brn w/occ. V. Pale Brn	Notes:		
53	68	Clay, silty, sandy, Yellow Brown			
68	82	Clay, sandy, Lt. Brn w/occ. Pale Brn			
82	85	Sand, f-c, Lt. Brown			

**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) **8/29/2019**..... 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) **9/4/2019**.....  
 under the business name of **GeoCore, LLC**..... Signature *John Hall*.....

S4 - T35 - R33 - Seward



Texaco 54 & 83 / Weaver General Store, Liberal, Kansas (KDHE Project #s U1-088-00882 / U1-088-00769)

GPS Coordinates: See attached page

RECEIVED

SEP 28 2019

BUREAU OF WATER