

**WATER WELL RECORD Form WWC-5**

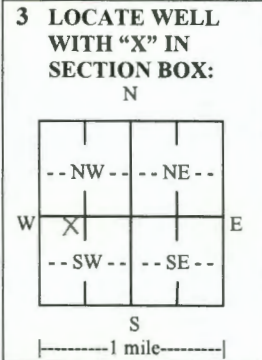
Division of Water Resources App. No.

Well ID TMW16

Original Record  Correction  Change in Well Use

**1 LOCATION OF WATER WELL:** County: Seward Fraction: SE 1/4 NE 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:  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: 32684 Upper Bear Creek Ct.  
 Address: S. Park Well, Liberal  
 City: Evergreen State: CO ZIP: 80439



**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: 193.28 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:** 37.03142 (decimal degrees)  
**Longitude:** -100.91880 (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:** 2838.07 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 <u></u>	6. <input type="checkbox"/> Dewatering: how many wells? <u></u>	7. <input type="checkbox"/> Aquifer Recharge: well ID <u></u>	8. <input checked="" type="checkbox"/> Monitoring: well ID <u>TMW16</u>	9. Environmental Remediation: well ID <u></u> <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease <u></u>	11. Test Hole: well ID <u></u> <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical	12. Geothermal: how many bores? <u></u> 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): <u></u>
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**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 4.56 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 176 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 176 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	5	Hydroexcavated - No Sample	135	145	Clay, sandy, Yel Brn - Lt. Brn. - Pale Brn
5	9	Clay, silty, Brown	145	153	Caliche, sandy, V. Pale Brown
9	25	Sand, vf-f, Yellow Brown	153	160	Clay, sandy, Lt. Brown
25	38	Sand, vf-f, w/clay stringers	160	183	Clay, sandy, w/SS stringers
38	48	Clay, silty, sandy, Yellow Brown	183	195	Clay, sand stringers (vf-m)
48	81	Clay, sandy	195	213	Sand, vf-c, clayey in part, w/clay stringers
81	85	Sand, vf-c, Lt. Brown	<b>Notes:</b>		
85	110	Clay, sandy			
110	135	Clay, silty, sandy, Lt. Brn to Yel Brn			

**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 [Signature]

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