

County: Haskell Fraction SW NW SW SE Sec. 9 T 27 S R 32 E (W)

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)

(to rectify lacking or incorrect information)

Owner: Heritage Feeders

Location was listed as:

Section-Township-Range: 10-27S-32W

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SE NW SW SE

Location changed to:

9-27S-32W

SW NW SW SE

Other changes: Initial statements: Latitude: 37.710090, Longitude: 100.80444

Changed to: Latitude: 37.7100858, Longitude: -100.8239886

Comments: _____

Verification method: Water rights information and footages in WIMAS database, KGS' "LEO" conversion tool, Google Earth, and mapping tool & aerial photos on KGS website. initials: DR date: 2/5/2013

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

**WATER WELL RECORD Form WWC-5 1088047**Division of Water
Resources App. No.

20439

Well ID

☒ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Haskell		Fraction SE ¼ NW ¼ SW ¼ SE ¼	Section Number 10	Township Number T 27 S	Range Number R 32 <input type="checkbox"/> E <input checked="" type="checkbox"/> W															
2 WELL OWNER: Last Name: First: Business: HERITAGE FEEDERS Address: HCR 1 BOX 41 Address: City: SUBLETTE State: KS ZIP: 67877		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"/> aPPROX 18 MILES N 2 MILES E OF SUBLETTE KANSAS																		
3 LOCATE WELL WITH "X" IN SECTION BOX: N <table border="1" style="width:100%; text-align: center; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td></tr><tr><td>-- NW --</td><td>-- NE --</td><td> </td></tr><tr><td>W</td><td> </td><td>E</td></tr><tr><td>-- SW --</td><td>X SE --</td><td> </td></tr><tr><td> </td><td>S</td><td> </td></tr></table> [-----1 mile-----]				-- NW --	-- NE --		W		E	-- SW --	X SE --			S		4 DEPTH OF COMPLETED WELL: 457 ft. Depth(s) Groundwater Encountered: 1) 280 ft. 2) ft. 3) ft. or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 280 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 03/12/2012 <input type="checkbox"/> above land surface, measured on (mo-day-yr) ft. Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: 819 gpm Bore Hole Diameter: 24 in. to 457 ft. and in. to ft.		5 Latitude: 37.710090 (decimal degrees) Longitude: 100.80444 (decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input checked="" 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 type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:		
-- NW --	-- NE --																			
W		E																		
-- SW --	X SE --																			
	S																			
7 WELL WATER TO BE USED AS: 1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input checked="" type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial 5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <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 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 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):		6 Elevation: 2861 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other KOLAR																		
Was a chemical/bacteriological sample submitted to KDHE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted:																				
Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																				
8 TYPE OF CASING USED: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Threaded Casing diameter 16 in. to 457 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface 12 in. Weight 36.95 lbs./ft. Wall thickness or gauge No. 219 TYPE OF SCREEN OR PERFORATION MATERIAL: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Concrete tile <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input checked="" type="checkbox"/> Continuous Slot <input type="checkbox"/> Mill Slot <input type="checkbox"/> Gauze Wrapped <input type="checkbox"/> Torch Cut <input type="checkbox"/> Drilled Holes <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Louvered Shutter <input type="checkbox"/> Key Punched <input type="checkbox"/> Wire Wrapped <input type="checkbox"/> Saw Cut <input type="checkbox"/> None (Open Hole) SCREEN-PERFORATED INTERVALS: From 294 ft. to 364 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 457 ft. From ft. to ft. From ft. to ft.																				
9 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other Grout Intervals: From 0 ft. to 20 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 type="checkbox"/> Fuel Storage <input checked="" 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? N Distance from well? 1182 ft.																				
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS															
0	2	SURFACE	367	409	BRN CLAY. FEW SAND															
2	36	BRN CLAY FEW SAND	409	425	BRN CLAY FEW LIMEROCK															
36	88	SNAD FINE TO MED. SM TO LG GRAVE	425	440	BRN CLAY FEW SAND															
88	105	BROWN CLAY	440	452	SOAPSTONE . SANDSTONE															
105	223	SAND FINE SM MED GRAVL CLAY	452	458	YELLOW SOAPSTONE															
223	280	BLUE BROWN CLAY FEW LIMEROCK	458	470	SHALE															
280	324	SAND FINE TO MED. SM TO MED GRA	Notes:																	
324	342	SAND FINE TO MED																		
342	367	SAND FINE . FEW CLAY																		
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo-day-year) 03/12/2012 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo-day-year) 07/18/2012 under the business name of Hydro Resources Mid Continent, Inc. Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565. Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212																				