WATER WELL RECORD Form WWC-5

1088102

Division of Water Resources App. No. 33981 Well ID

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Haskell | Fraction: NE ¼ SW ¼ SW ¼ SW ¼ | Section Number: 9 | Township Number: T 27 S | Range Number: R 32 ☐ E ☑ W

2 WELL OWNER: Last Name: First:
Business: HERITAGE FEEDERS LLC
Address: 1506 ROAD 30
Address:
City: SULETTE 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: ☐
APPROX. 16 MILES N AND 2 MILES EAST OF SUBLETTE KANSAS

3 LOCATE WELL WITH "X" IN SECTION BOX:

N / W / E / S — NW, NE, SW, X, SE
|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 475 ft.
Depth(s) Groundwater Encountered: 1) 274 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 274 ft.
☑ below land surface, measured on (mo-day-yr) 03/09/2012
☐ 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: 499 gpm
Bore Hole Diameter: 24 in. to 475 ft. and ..... in. to ..... ft.

5 Latitude: 37.70876 (decimal degrees)
Longitude: 100.83215 (decimal degrees)
Datum: ☐ WGS 84 ☐ NAD 83 ☑ NAD 27
Source for Latitude/Longitude:
☐ GPS (unit make/model: .....) (WAAS enabled? ☐ Yes ☐ No)
☐ Land Survey ☐ Topographic Map
☐ Online Mapper: .....

6 Elevation: 2883 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☐ GPS ☐ Topographic Map ☑ Other KOLAR

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ☑ Irrigation
3. ☐ Feedlot
4. ☐ Industrial
5. ☐ Public Water Supply: well ID .....
6. ☐ Dewatering: how many wells? .....
7. ☐ Aquifer Recharge: well ID .....
8. ☐ Monitoring: well ID .....
9. Environmental Remediation: well ID ..... ☐ Air Sparge ☐ Soil Vapor Extraction ☐ 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
13. ☐ 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 16 in. to 475 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:
☑ 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 300 ft. to 400 ft., From 410 ft. to 470 ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 25 ft. to 475 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other .....
Grout Intervals: From 5 ft. to 25 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) .....
Direction from well? W Distance from well? 160 ft.

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

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) 03/16/2012 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) 07/15/2001 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

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	
Doc ID	1088102

Litholgy

From	To	LithologicLog
0	2	SURFACE
2	37	BROWN CLAY
37	45	SAND FINE
45	90	SAND FINE M ME TO SM GRAVEL
90	100	BROWN CLAY
100	150	SAND FINE TO MED, SM GRAVEL
150	200	BROWN CLAY, BL SAND
200	221	BLUE CLAY , BL SAND
221	307	SAND FINE SM GRAVEL, LEDGES
307	314	BRN, WHITE CLAY
314	365	SAND FINE TO MED, SM GRAVEL, FW CLAY
365	400	SAND FINE TO SM. SOME CLAY
400	419	BRWN CLAY, FEW LIMEROCK
419	440	SAND , SILTY TO FINE , CLAY
440	470	SOAPSTONE, SANDSTONE
470	475	RED & GRAY SHALE, LIMESTONE