WATER WELL RECORD Form WWC-5

1271850

☑ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. 15202

Well ID

1 LOCATION OF WATER WELL: County: Meade

Fraction	Section Number	Township Number	Range Number
SW ¼ SE ¼ SW ¼ SE ¼	18	T 30 S	R 30 ☐ E ☑ W

2 WELL OWNER: Last Name: Koehn First: Loren & Ma

Business:

Address: 4906 State Rd 144

Address:

City: Copeland State: KS ZIP: 67837

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 14 MILES SOUTH EAST OF SUBLETTE KANSAS

3 LOCATE WELL WITH "X" IN SECTION BOX:

N

- - NW - - | - - NE - -

W | E

- - SW - - | - - SE - -

X

S

|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 560 ft.

Depth(s) Groundwater Encountered: 1) 304 ft. 2) ……... ft. 3) ……... ft., or 4) ☐ Dry Well

WELL'S STATIC WATER LEVEL: 304 ft.

☑ below land surface, measured on (mo-day-yr) 10/27/2015

☐ above land surface, measured on (mo-day-yr)……..

Pump test data: Well water was 375 ft. after 4 hours pumping 700 gpm

Well water was …….. ft. after……. hours pumping …….. gpm

Estimated Yield: 700 gpm

Bore Hole Diameter: 24 in. to 560 ft. and …… in. to …… ft.

5 Latitude: 37.43136 (decimal degrees)

Longitude: 100.63977 (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: 2817 ft. ☑ Ground Level ☐ TOC

Source: ☐ Land Survey ☑ GPS ☐ Topographic Map ☐ Other ……

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 560 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.

Casing height above land surface 12 in. Weight 42.09 lbs./ft. Wall thickness or gauge No. 250

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 305 ft. to 555 ft., From …… ft. to …… ft., From …… ft. to …… ft.

GRAVEL PACK INTERVALS: From 20 ft. to 560 ft., From …… ft. to …… ft., From …… ft. to …… ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other ……

Grout Intervals: From 0 ft. to 20 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? …… Distance from well? …… ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	top soil	297	305	green & yellow clay
5	60	brown sandy clay w/ fine sand	305	420	fine to med sand
60	130	fine to med sand few coarse streaks	420	443	brown clay w/ fine to small med sand
130	145	tan sandy clay	443	510	fine to small med sand few clay
145	170	fine to med sand	510	555	clay w/ soapstone few caliche
170	190	green sticky clay	555	580	red bed
190	240	fine to med sand	Notes:		
240	265	fine to coarse sand			
265	297	fine to med sand			

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) 10/20/2015 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) 11/19/2015 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