

Corrected 11/6/20

Doc# 1528176

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

6073

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Stevens Fraction SW 1/4 SW 1/4 SW 1/4 NE 1/4 Section Number 28 Township Number T 31 S Range Number R 35 E W

2 WELL OWNER: Last Name: Cullison 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: Sec 28, T31, R35 well located e of Moscow, Kansas and nearest contaminate 1/4 mile. Pump set

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 548 ft. Depth(s) Groundwater Encountered: 1) 371 ft. 2) 371 ft. 3) 371 ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 371 ft. below land surface, measured on (mo-day-yr) 9/22/2020 above land surface, measured on (mo-day-yr) 09/22/2020 Pump test data: Well water was after hours pumping gpm Well water was after hours pumping gpm Estimated Yield: 950 gpm Bore Hole Diameter: 24 in. to 548 ft. and in. to ft.

5 Latitude: 37.32226 (decimal degrees) Longitude: 101.13043 (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: Elevation: 3011 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot 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 402 ft., Diameter 16 in. to 548 ft., Diameter in. to ft. Casing height above land surface 12.8 in. Weight lbs./ft. Wall thickness or gauge No. 250

TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel PVC Other (Specify) Brass Galvanized Steel 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 402 ft. to 528 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 548 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: No potential source of contamination within 200 ft. 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.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-40 surface top soil brown clay, 40-100 brown clay w/sandy clay strips, 100-340 sand w/brown clay strips, 340-400 med to coarse sand gravel w/brown clay s, 400-500 med to coarse & fine sand & gravel strips, 500-548 fine sand w/brown clay & shale mix to red

Notes: Concrete by customer and M & T will be installing the pump. Also pump was still in the existing well so no plugging of existing well was completed by Hydro

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) 09/23/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 548 This Water Well Record was completed on (mo-day-year) 10/5/2020 under the business name of Hydro Resources Mid-Continent, Inc. #548