

WATER WELL RECORD

Form WWC-5 1271520

Division of Water Resources App. No.

Corrected

SV007

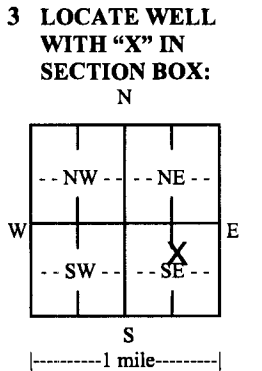
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Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Stevens Fraction NW 1/4 SW 1/4 NE 1/4 SE 1/4 Section Number 20 Township Number T 33 S Range Number R 37 E W

2 WELL OWNER: Last Name: 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: APPROX 2 MILES SOUTH WEST OF HUGOTON KANSAS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 585 ft. Depth(s) Groundwater Encountered: 1) 202 ft. 2) 202 ft. 3) or 4) Dry Well WELL'S STATIC WATER LEVEL: 202 ft. below land surface, measured on (mo-day-yr) 10/7/2015

5 Latitude: 37.16066 (decimal degrees) Longitude: 101.36093 (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: 3124 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 2. Public Water Supply: well ID # 15 3. Dewatering: how many wells? 4. Aquifer Recharge: well ID 5. Monitoring: well ID 6. Environmental Remediation: well ID 7. Air Sparge Soil Vapor Extraction Recovery Injection 8. Oil Field Water Supply: lease 9. Test Hole: well ID Cased Uncased Geotechnical 10. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 11. 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 585 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12 in. Weight 67.64 lbs./ft. Wall thickness or gauge No. 375

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 325 ft. to 575 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 75 ft. to 585 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 70 ft., From 70 ft. to 75 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.

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a Notes section.

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) 9/30/2015 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) 11/17/2015 under the business name of Hydro Resources Mid Continent, Inc.

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	
Doc ID	1271520

Litholgy

From	To	LithologicLog
0	2	surface
2	12	brown clay, caliche
12	42	sand fine (few thin clays)
42	67	sand fine med coarse
67	83	sand fine med coarse some rocks
83	143	white clay, sluffing sands, brown clay
143	195	brown clay, limestone few sand streaks
195	232	sand fine med coarse, few smalls
232	264	brown clay, limestone
264	271	sand fine med coarse, 50% clay
271	327	yellow clay, few thin sand streaks
327	385	sand fine med coarse, 20%clay
385	461	sand fine to med coarse some smalls, 15% clay mix
461	487	sand fine to med 30% clay mix
487	538	sand fine to med coarse, few smalls thin clay
538	575	sand fine to med coarse, some brown rock
575	600	red bed