

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

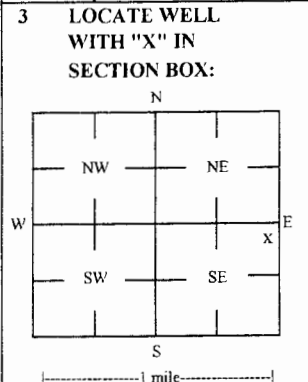
Well ID

MW11

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Shawnee Fraction NE 1/4 NE 1/4 NE 1/4 SE 1/4 Section Number 4 Township Number T 12 S Range Number R 15 E W

2 WELL OWNER: Last Name: Business: A&J Conoco Address: 711 SW Cambridge Ave. City Topeka State: KS ZIP: 66606 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: -180' SW of 1617 Fairlawn Rd., Topeka, KS



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 25 ft Depth(s) Groundwater Encountered: 1) 25 ft 2) 3) 4) Dry Well WELL'S STATIC WATER LEVEL: NA ft. below land surface, measured on (mo-day-yr) above land surface, measured on (mo-day-yr) Pump test data: Well water was ft after hours pumping gpm Water well was ft after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 7.25 in to ft, and in to ft

5 Latitude: 39.03617 (decimal degrees) Longitude: 95.74465 (decimal degrees) Horizontal 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 1019.14 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 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MW11 6 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery Injection 7 Oil Field Water Supply: lease 8 Test Hole: well ID Cased Uncased Geotechnical 9 Geothermal: How many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 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 2 in. to 10 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.37 in. Weight lbs./ft. Well thickness or gauge No

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 10 ft. to 25 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8 ft. to 25.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 8 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? NE Distance from well? ~200 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Topsoil, Silty clay, Shale, Limestone, and Shale.

Notes: KDHE ID: A&J Conoco; U4-089-01400

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) 7/6/16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) under the business name of Larsen & Associates, Inc. Signature

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

Jessica Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

July 30, 2016

RE: Monitor Well Elevation Survey
1617 S. Fairlawn, Topeka, Kansas

Proj. 16-00K
A & J Conoco
KDHE ID U4-089-01400

Bench Mark: Chisled X on NE corner of sidewalk at NE corner of building.
Elev: 1025.69 North 2797.68 West 108.40 (from SE Cor. Sec.4-12-15E)

MW-10	rim	1020.42	North	2680.49	SE1/4, SE1/4,SE1/4,NE1/4
	top pipe	1020.14	West	280.40	Lat= 39.03642 Long = 95.74451
MW-11	rim	1019.51	North	2588.73	NE1/4, NE1/4,NE1/4,SE1/4
	top pipe	1019.14	West	320.27	Lat= 39.03617 Long = 95.74465

Elevation derived from existing project.

Lat & Long derived from Topeka 7.5 Quad Map NAVD 29

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

