

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

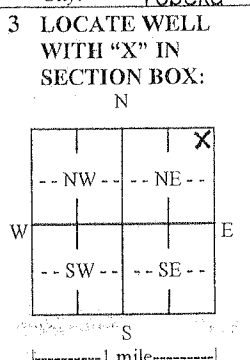
Well ID

MW25

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Jackson Fraction NW 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 27 Township Number T 8 S Range Number R 15 E W

2 WELL OWNER: Last Name: KDHE Business: KDHE Address: 1000 SW Jackson City: Topeka State: KS ZIP: 66612 Street or Rural Address where well is located: ~280' SW of 15823 R. Rd., Mayetta, KS (in highway median)



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 29.98 ft. Depth(s) Groundwater Encountered: 1) 9.98 ft. 2) -0.38 ft. 3) ... ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 7.69 ft. below land surface, measured on (mo-day-yr) 9/8-9/15

5 Latitude: 39.33188 Longitude: 95.72151 Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: Land Survey GPS Topographic Map Online Mapper 6 Elevation: 1185.72 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 MW25 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 2 in. to 9.98 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface -0.38 in. Weight lbs./ft. Wall 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 9.98 ft. to 29.98 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 8 ft. to 30.17 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete 0-1 Grout intervals: From 1 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? ~470'

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-6 Grass w/ clay & caliche stringers, 6-14 Fine sand w/ glacial till, 14-30.17 Fine sand w/ glacial till & caliche stringer. Includes Notes: KDHE Site ID: Roediger Oil Co.; U4-043-10008

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) 8/24/15 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) 10/14/15 under the business name of Larsen & Associates, Inc. Signature

DENNIS L HANDKE

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Larsen & Associates
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September 16, 2015

RE: Monitor Well Elevation Survey
15823 R. Road, Mayetta, Kansas

Proj. 15-00JJ
Roediger Oil Co.
U4-043-10008

Bench Mark: Chisled Sq.on SE corner of concrete sign base at East center of property.
Elev: 1199.42 North 150.5 West 44.9 (from SE Cor. Sec. 22-8-15E)

MW-24	rim	1183.81	North	98.4	SW1/4,SE1/4,SE1/4,SE1/4
	top pipe	1183.37	West	630.4	Lat= 39.33266 Long = 95.72205
MW-25	rim	1186.10	South	181.4	NW1/4,NE1/4,NE1/4,NE1/4 (27-8-15)
	top pipe	1185.72	West	476.5	Lat= 39.33188 Long = 95.72151

Lat & Long derived existing Mayetta 7.5' quad map. WGS84.

Elevation established from existing project.

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

Dennis L Handke RLS

September 17, 2015

785-286-1990

Dennis L Handke

KANSAS

LAND SURVEYOR