

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW7

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Kearny Fraction SW 1/4 NW 1/4 SW 1/4 SE 1/4 Section Number 22 Township Number T 24 S Range Number R 36 E X W
2 WELL OWNER: Last Name: Business: KDHE Address: 1000 SW Jackson Blvd City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 110 E. Santa Fe Trail Blvd., Lakin, KS
3 LOCATE WELL WITH 'X' IN SECTION BOX: [Grid with X in SE quadrant]
4 DEPTH OF COMPLETED WELL: 35 ft Depth(s) Groundwater Encountered: 1) 24.65 ft 2) 3) 4) Dry Well WELLS STATIC WATER LEVEL: 24.65 ft below land surface, measured on (mo-day-yr) 8/20-21/19
5 Latitude: 37.94645 (decimal degrees) Longitude: 101.25826 (decimal degrees) Horizontal Datum: WGS 84 X NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: ) (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper
6 Elevation 3009.69 ft Ground Level X TOC Source X 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 MW7 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel X PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 20 ft, Diameter in. to ft, Diameter in. to ft, Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 20 ft. to 35 ft., From ft. to ft., From ft. to ft., GRAVEL PACK INTERVALS: From 18 ft. to 35 ft., From ft. to ft., From ft. to ft.,

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 18 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Sepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify) Direction from well? SE Distance from well? ~150 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-1.5 Clayey silt with fill sand and gravel, 1.5-11.5 Silty clay, 11.5-28 Clayey silt, 28-31.5 River gravel, 31.5-32 Fatty silty clay with gravel, 32-35 Silty clay.

Notes: KDHE ID: Palmer Oil Co.; U1-047-15142 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 8/15/19 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) 9/18/19 under the business name of Larsen & Associates, Inc. Signature