

P.O. Box 546 Clearwater, Kansas 67026 Cell (316) 648-3617 Fax (620) 584-4371 E-mail: triterrals@yahoo.com

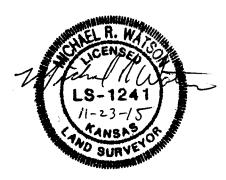
SURVEY OF MONITORING WELLS TITIAN EXPRESS LANE (WEST) COLUMBUS, KANSAS

The above site is in Section 13, Township 33 South, Range 23 East of the Sixth Principal Meridian, Cherokee County, Kansas. The Southeast corner of Section 13 was assigned coordinates of 00.00 North and 00.00 West.

The vertical control was a NGS benchmark titled "North Meridian" and is described as a copper bolt set in the top of a concrete monument, at the northeast corner of the county courthouse yard, 25 feet west of the Kansas Avenue sidewalk and 6 feet south of the Maple Street sidewalk. Elevation: 913.37'. A control point was established as a chiseled 'X' on top of the curb on the radius at the southeast corner of the site.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "Columbus".

ID SE CORNER 13-33S-23E	NORTH 00.00	WEST 00.00	LATITUDE	LONGITUDE	ELEVATION
Control Point	2703.97	3880.72	37.17096	94.84512	908.22
MW-1 SW SW SE NW	2757.84	3913.75	37.17107	94.84525	RIM 909.00 TOC 908.56
MW-2 SW SW SE NW	2724.73	3904.10	37.17097	94.84519	RIM 908.08 TOC 907.65
MW-3 SW SW SE NW	2780.62	3818.89	37.17115	94.84490	RIM 909.37 TOC 909.14
MW-4 SW SW SE NW	2847.94	3948.42	37.17137	94.84531	RIM 909.73 TOC 909.27
MW-5 NW NW NE SW	2638.11	3913.39	37.17079	94.84524	RIM 908.72 TOC 908.33
MW-6 NW NW NE SW	2630.93	3831.21	37.17075	94.84496	RIM 909.19 TOC 908.77
MW-7 SW SW SE NW	2724.10	3952.74	37.17099	94.84536	RIM 908.26 TOC 907.74
MW-8 NW NW NE SW	2524.97	3817.98	37.17047	94.84493	RIM 908.36 TOC 907.96
MW-9 NW NW NE SW	2514.01	3691.12	37.17041	98.84447	RIM 910.42 TOC 910.02



	Division of Water Resources App. No. Well ID MW1
X Original Record Correction Change in Well Ust	
1 LOCATION OF WATER WELL: Fraction	Section Number Township Number Range Number
County Cherokee SW 1/4 SW	V 1/4 SE 1/4 NW 1/4 13 T 33 S R 23 X E W
2 WELL OWNER: Last Name: First:	Street or Rural Address where well is located (if unknown, distance and direction
Business: KDHE (Titian Express Lane)	from nearest town or intersection): If at owner's address, check here:
Address: 1000 SW Jackson	301 W Maple, Columbus, KS
Address: City Topeka State: KS ZIP: 66612	
3 LOCATE WELL 4 DEPTH OF COMPLETED WE	ILL: 20.02 ft 5 Latitude: 37.17107 (decimal degrees)
WITH "X" IN Depth(s) Groundwater Encountered:	1)ft Longitude94:84525 (decimal degrees)
SECTION BOX: 2) ft 3) ft, or	4) Dry Well Horizontal Datum; X WGS 84 NAD 83 NAD 27
N WELL'S STATIC WATER LEVEL:	1.56 ft. Source for Latitude/Longitude:
below land surface, measured on	
NW NE Dabove land surface, measured on	
Pump test data: Well water was	
W x after hours pumping Water well was	fi
after hours pumping	
SW SE Estimated Yield: gpm	Source X Land Survey GPS Topographic Map
Bore Hole Diameter: 7.25 in	
s in	to fi
mile	
7 WELL WATER TO BE USED AS:	10 Oil Field Water Supply: lease
1 Domestic: 5 Public Water Supply: well ID Household 6 Dewatering: how many wells?	10 Oil Field Water Supply: lease 11 Test Hole: well ID
	Cased Uncased Geotechnical
Lawn & Garden 7 Aquifer Recharge: well ID Livestock 8 X Monitoring: well ID MW1	12 Geothermal: How many bores?
2 Irrigation 9 Environmental Remediation: well ID	a) Closed Loop Horizontal Vertical
3 Feedlot Air Sparge Soil Vapor	
4 Industrial Recovery Injection	Other (specify):
The state of the s	N NI Year data and a manufactured.
Was a chemical/bacteriological sample submitted to KDHE? Yes Water well disinfected? Yes X No	X No If yes, date sample was submitted:
	CASING JOINTS: Glued Clampled Welded X Threaded
8 TYPE OF CASING USED: Steel X PVC Other Casing diameter 2 in. to 3.02 ft, Diameter i	CASING JOINTS: Glued Clampled Welded X Threaded in. to ft, Diameter in. to ft,
Casing height above land surface -0.44 in. Weight	lbs./ft. Well thickness or gauge No
THE OF CORPUS OF PERSON A TION IN A TERMAN	***************************************
TYPE OF SCREEN OR PERFORATION MATERIAL:	
TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC	Other (Specify)
Steel Stainless Steel Fiberglass X PVC	Other (Specify)
Steel Stainless Steel Fiberglass X PVC	
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE:	
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped	Torch Cut Drilled Holes Other (Specify)
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1'
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft. From f	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1'
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination:	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv.	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv.	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft. From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyan Other (Specity)	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft. From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyan Other (Specity)	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyan Other (Specity)	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From ft Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From ft Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From ft Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From ft Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From ft Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Oil Well / Gas Well Fertilizer Storage Oil Well / Gas Well FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv. Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale 10 20.5 Silty clay 10 Silty clay w/ weathered shale	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS Notes: KDHE ID: Titian Express Lane (West): U3-011-12936
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft, From f Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale 10 20.5 Silty clay 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS Water well was X constructed, reconstructed, or plugged under my
Steel	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well oil Well / Gas Well FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS Notes: KDHE ID: Titian Express Lane (West): U3-011-12936 water well was X constructed, reconstructed, or plugged under my record is true to the best of my knowledge and belief A water Well Contractor's
Steel	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well oil Well / Gas Well From Well? ~5' ft FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS water well was X constructed, reconstructed, or plugged under my record is true to the best of my knowledge and belief K water Well Contractor's add on (mo-day-year) 12/2/15
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft., From f. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Priv. Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale 10 20.5 Silty clay w/ weathered shale 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This jurisdiction and was completed on (mo-day-year) 10/20/15 and this License No 757 This Water Well Record was complete under the business name of Larsen & Associates. Inc. Mail 1 white copy along with a fee of \$5.00 for each constructed well	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Abandoned Water Well Fertilizer Storage Oil Well / Gas Well From Well? -5' The FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS Water well was X constructed, reconstructed, or plugged under my record is true to the best of my knowledge and belief. K. Water Well Contractor's add on (mo-day-year) 12/2/15 Signate: It to Kansas Department of Health and Environment, Bureau ater, GWTS Section,
Steel Stainless Steel Fiberglass X PVC Brass Galvanized Steel Concrete tile None us SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X Mill Slot Gauze Wrapped Louvered Shutter Key Punched Wire Wrapped SCREEN-PERFORATED INTERVALS: From 3.02 ft. to 20.02 GRAVEL PACK INTERVALS: From 2.5 ft. to 20.5 9 GROUT MATERIAL: Neat cement Cement grout Grout intervals: From 1 ft. to 2.5 ft., From f. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Prives Sewer Lines Cess Pool Sewage Watertight Sewer Lines Seepage Pit Feedyar Other (Specity) Direction from well? E Distance 10 FROM TO LITHOLOGIC LOG 0 0.4 Asphalt & concrete 0.4 5 Silty clay w/ fine sand 5 10 Silty clay w/ fine sand 5 10 Silty clay w/ weathered shale 10 20.5 Silty clay w/ weathered shale 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This jurisdiction and was completed on (mo-day-year) 10/20/15 and this License No 757 This Water Well Record was complete under the business name of Larsen & Associates. Inc. Mail 1 white copy along with a fee of \$5.00 for each constructed well	Torch Cut Drilled Holes Other (Specify) Saw Cut None (Open Hole) ft, From ft. to ft, From ft. to ft, ft, From ft. to ft, From ft. to ft, X Bentonite X Other Concrete: 0-1' ft. to ft, From ft. to ft, Y Livestock Pens Insecticide Storage Lagoon X Fuel Storage Abandoned Water Well oil Well / Gas Well From Well? ~5' ft FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS water well was X constructed, reconstructed, or plugged under my record is true to the best of my knowledge and belief K water Well Contractor's add on (mo-day-year) 12/2/15