

WATER WELL RECORD

Form WWC-5

Division of Water

Resources App. No.

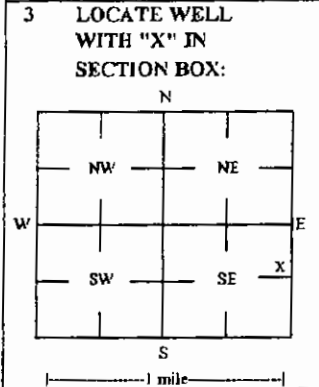
Well ID

MW12

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County <u>Harvey</u>	Fraction SE ¼ SE ¼ NE ¼ SE ¼	Section Number <u>13</u>	Township Number T <u>23</u> S	Range Number R <u>1</u> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: <u>Kansas Department of Health & Environment</u> Business: <u>Kansas Department of Health & Environment</u> Address: <u>1000 SW Jackson St</u> City: <u>Topeka</u> State: <u>KS</u> ZIP: <u>66612</u>	First: _____ Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): <u>335 N Meridian Rd, Newton, KS 67114</u> If at owner's address, check here: <input type="checkbox"/>
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4 DEPTH OF COMPLETED WELL: 20.5 ft
Depth(s) Groundwater Encountered: 1) _____ ft
2) _____ ft 3) _____ ft, or 4) Dry Well
WELL'S STATIC WATER LEVEL: 15.94 ft
 below land surface, measured on (mo-day-yr) 03/08/17
 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: 38.04679 (decimal degrees)
Longitude: 97.37213 (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: 1439.60 ft Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other _____

7 WELL WATER TO BE USED AS:

1 Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2 <input type="checkbox"/> Irrigation 3 <input type="checkbox"/> Feedlot 4 <input type="checkbox"/> Industrial	5 <input type="checkbox"/> Public Water Supply: well ID _____ 6 <input type="checkbox"/> Dewatering: how many wells? _____ 7 <input type="checkbox"/> Aquifer Recharge: well ID _____ 8 <input checked="" type="checkbox"/> Monitoring: well ID <u>MW12</u> 9 Environmental Remediation: well ID _____ <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extractor <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10 <input type="checkbox"/> Oil Field Water Supply: lease _____ 11 Test Hole: well ID _____ <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12 Geothermal: How many bores? _____ a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water <input type="checkbox"/> Other (specify): _____
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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 10.5 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft,
Casing height above land surface -0.39 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 10.5 ft. to 20.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,
GRAVEL PACK INTERVALS: From .8 ft. to 20.5 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:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input checked="" type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well / Gas Well
<input type="checkbox"/> Other (Specify) _____				

Direction from well? E Distance from well? ~110 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.5	Asphalt			
0.5	20.5	Silty clay, trace gravel in upper layers			

Notes: KDHE ID: Taylor Petroleum #613: U2-040-13913
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 constructed reconstructed or plugged under my jurisdiction and was completed on (mo-day-year) 3/7/17 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) 4/5/17 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

March 30, 2017

RE: Monitor Well Elevation Survey
1804 W. 4th St., Newton, Kansas

Proj. 17-00L
Taylor Petroleum #613
U2-040-13913

Bench Mark: Chisled X on sidewalk at the SW corner of the building.
Elev: 1440.48 North 1407.27 West 4843.75 (from SE Cor. Sec. 18-23-1E)

MW-9	rim	1439.73	North	1505.69	SE1/4,SE1/4,NE1/4,SE1/4 (Sec. 13-23-1W)
	top pipe	1439.41	West	4968.06	Lat= 38.04176 Long = 97.37212
MW-10	rim	1441.40	North	1629.15	SE1/4,SW1/4,NW1/4,SW1/4
	top pipe	1441.09	West	4793.92	Lat= 38.04750 Long = 97.37151
MW-11	rim	1440.01	North	1507.52	SE1/4,SW1/4,NW1/4,SW1/4
	top pipe	1439.55	West	4628.86	Lat= 38.04176 Long = 97.37095
MW-12	rim	1439.99	North	1363.60	SE1/4,SE1/4,NE1/4,SE1/4 (Sec. 13-23-1W)
	top pipe	1439.60	West	4966.29	Lat= 38.04679 Long = 97.37213

RECEIVED

APR 12 2017

BUREAU OF WATER

Lat & Long derived existing Newton 7.5' quad map. WGS 84.

Elevation established from existing well project.

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

April 5, 2017
Dennis L Handke RLS
LS 788

Dennis L Handke
KANSAS
LAND SURVEYOR