WATER WELL RECORD Form WWC-5

[X] Original Record [ ] Correction [ ] Change in Well Ust

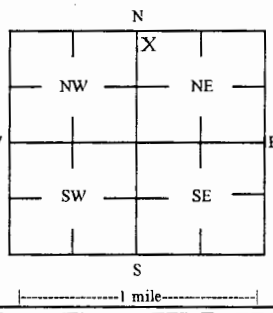
Division of Water Resources App. No. _____ Well ID **MW12**

1 LOCATION OF WATER WELL: County Osage | Fraction NW ¼ NW ¼ NW ¼ NE ¼ | Section Number 6 | Township Number T 17 S | Range Number R 16 [X] E [ ] W

2 WELL OWNER: Last Name: Burns First: Richard
Business: Romine Texaco
Address: PO Box 278
Address:
City Lyndon State: KS ZIP: 66451

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: [ ]
501 Topeka Avenue Lyndon, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 11.5 ft
Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [ ] Dry Well
WELL'S STATIC WATER LEVEL: 8.89 ft.
[X] below land surface, measured on (mo-day-yr) 2/13/18
[ ] 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: 38.60769 (decimal degrees)
Longitude 95.68423 (decimal degrees)
Horizontal Datum: [X] WGS 84 [ ] 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 1027.32 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
2 [ ] Irrigation
3 [ ] Feedlot
4 [ ] Industrial
5 [ ] Public Water Supply: well ID
6 [ ] Dewatering: how many wells?
7 [ ] Aquifer Recharge: well ID
8 [X] Monitoring: well ID **MW12**
9 Environmental Remediation: well ID [ ] Air Sparge [ ] Soil Vapor Extractior [ ] 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
[ ] Other (specify): _____

Was a chemical/bacteriological sample submitted to KDHE? [ ] Yes [X] No If yes, date sample was submitted: _____
Water well disinfected? [ ] Yes [X] No

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other _____ CASING JOINTS: [ ] Glued [ ] Clampled [ ] Welded [X] Threaded
Casing diameter 2 in. to 3 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft,
Casing height above land surface -0.34 in. Weight _____ lbs./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 3 ft. to 11.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,
GRAVEL PACK INTERVALS: From 2 ft. to 11.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-1 ft
Grout intervals: From 1 ft. to 2 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 [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well
[ ] Other (Specity)
Direction from well? N Distance from well? ~230 ft

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	0.3	Topsoil			
0.3	9.5	Silty clay			
9.5	11.5	Limestone			

Notes: KDHE ID: Romine Texaco: U4-070-14856
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) 1/23/18 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) 2/22/18
under the business name of Larsen & Associates, Inc. Signature _____

Mail 1 white copy along with a fee of $5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWP Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212 **Revised 7/10/2015**

USACE

6-11-6E

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

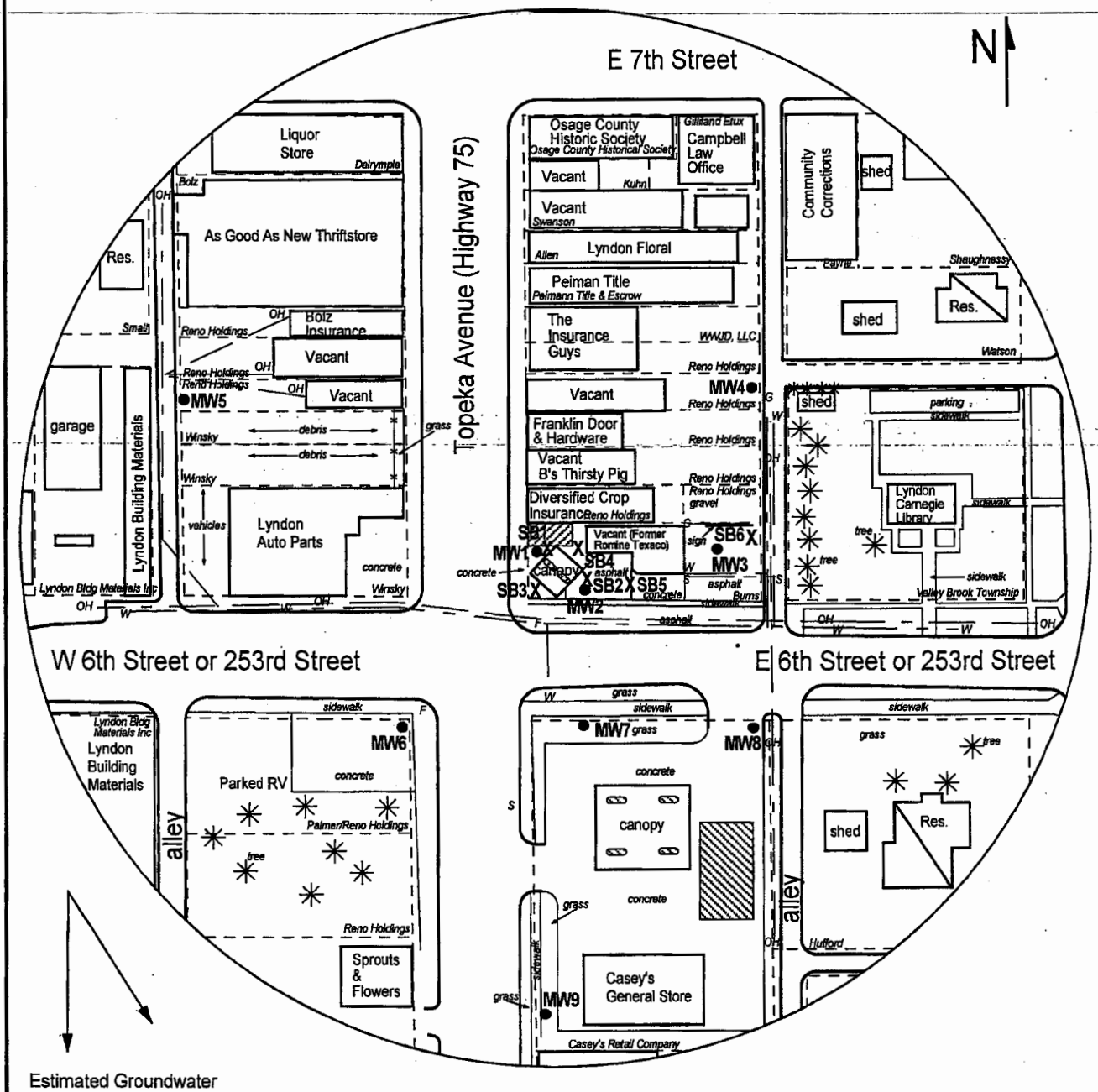


FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP

larsen & ASSOCIATES, INC.

1311 E 25th St., Suite B
Lawrence, KS 66046

(785) 841-8707 office
(785) 865-4282 fax

PROJECT:

Romine Texaco
105 East 6th Street
Lyndon, KS
KDHE ID: U4-070-14856
Date: 2/14/18

0 100 ft

LEGEND:

- Approximate Location of Former UST Basin and Pump Island
- Approximate Location of Active UST Basin and Pump Islands
- Building with Basement
- Approximate Location of Property Line
- Existing Monitoring Well
- Monitoring Well (Installed 1/23/18)
- X Soil Boring (Drilled 5/31-6/1/17)
- F Fire Hydrant
- G — — — Gas Lines (2 - 6 ft BGS)
- OH ——— Overhead Lines (25-40 ft high)
- S — — — Sewer Lines (2 - 6 ft BGS)
- W — — — Water Lines (2 - 6 ft BGS)

NOTE: Location of product lines is unknown.
NOTE: Utility depths, heights and locations are approximate.

USARIE 6-17-6E

DENNIS L HANDKE

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

Jess Chapman
Larsen & Assoc.
1311 E. 25th St., Suite B
Topeka, Kansas 66046

February 20, 2018

RE: Monitor Well Elevation Survey
105 E. 6th St., Lyndon, Kansas

Proj. 18-00C
Romine Texaco
KDHE ID U4-070-14856

Bench Mark: Square cut on SW corner of concrete Phillips 66 sign base at the SW Corner of property.
Elev.: 1038.54 North 93 West 2591 (from SE Cor. Sec. 31-16-16)

MW-10	rim	1028.79	South 37	NW1/4,NE1/4,NE1/4,NW1/4 (Sec. 6-17-16)
	top pipe	1028.46	West 3007	Lat = 38.60849 Long = 95.68574
MW-11	rim	1031.61	South 217	NE1/4,NE1/4,NE1/4,NW1/4 (Sec. 6-17-16)
	top pipe	1031.32	West 2754	Lat = 38.60800 Long = 95.68484
MW-12	rim	1027.66	South 332	NW1/4,NW1/4,NW1/4,NE1/4 (Sec. 6-17-16)
	top pipe	1027.32	West 2581	Lat = 38.60769 Long = 95.68423

Lat & Long derived from Lyndon 7.5' quad map. WGS84.

Elevation derived 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.

February 17, 2018
Dennis L Handke RLS

DENNIS L HANDKE LS-766 KANSAS LAND SURVEYOR

RECEIVED
MAR 26 2018
BUREAU OF WATER