

WATER WELL RECORD

Form WWC-5

Division of Water
Resources App. No.

Well ID

MW11

☒ Original Record ☐ Correction ☐ Change in Well Use

| | | | | | |
|--|--|---|---------------------|--|---|
| 1 LOCATION OF WATER WELL: County Osage | | Fraction NE ¼ NE ¼ NE ¼ NW ¼ | Section Number 6 | Township Number T 17 S | Range Number R 16 <input checked="" type="checkbox"/> E <input type="checkbox"/> W |
| 2 WELL OWNER: Last Name: Burns Business: Romine Texaco Address: PO Box 278 Address: City Lyndon State: KS ZIP: 66451 | | First: Richard 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: <input type="checkbox"/> 520 Topeka Avenue Lyndon, KS | | | |
| 3 LOCATE WELL WITH "X" IN SECTION BOX: N NW NE W E SW SE S 1 mile | | 4 DEPTH OF COMPLETED WELL: 12.39 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 12.39 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 2/13/18 <input type="checkbox"/> 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: 38.60800 (decimal degrees) Longitude: 95.68484 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: _____) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper | |
| | | | | 6 Elevation 1031.32 ft <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other _____ | |

| | | | |
|--|---|--|---|
| 7 WELL WATER TO BE USED AS: | | 10 <input type="checkbox"/> Oil Field Water Supply: lease _____ | |
| 1 Domestic: | 5 <input type="checkbox"/> Public Water Supply: well ID _____ | 11 Test Hole: well ID _____ | <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical |
| <input type="checkbox"/> Household | 6 <input type="checkbox"/> Dewatering: how many wells? _____ | 12 Geothermal: How many bores? _____ | a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical |
| <input type="checkbox"/> Lawn & Garden | 7 <input type="checkbox"/> Aquifer Recharge: well ID _____ | b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Livestock | 8 <input checked="" type="checkbox"/> Monitoring: well ID MW11 | | |
| 2 <input type="checkbox"/> Irrigation | 9 Environmental Remediation: well ID _____ | | |
| 3 <input type="checkbox"/> Feedlot | <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extractor | | |
| 4 <input type="checkbox"/> Industrial | <input type="checkbox"/> Recovery <input type="checkbox"/> Injection | | |

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 5.5 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft,

Casing height above land surface -0.29 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 5.5 ft. to 15.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

GRAVEL PACK INTERVALS: From 3.5 ft. to 15.5 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☒ Other Concrete: 0-1 ft

Grout intervals: From 1 ft. to 3.5 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? ~240 ft

| 10 FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHO. LOG (cont.) or PLUGGING INTERVALS |
|---------|------|----------------|------|----|--|
| 0 | 0.7 | Gravel | | | |
| 0.7 | 15.5 | Silty clay | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

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 ☒ 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, GW 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.

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, walls, 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.

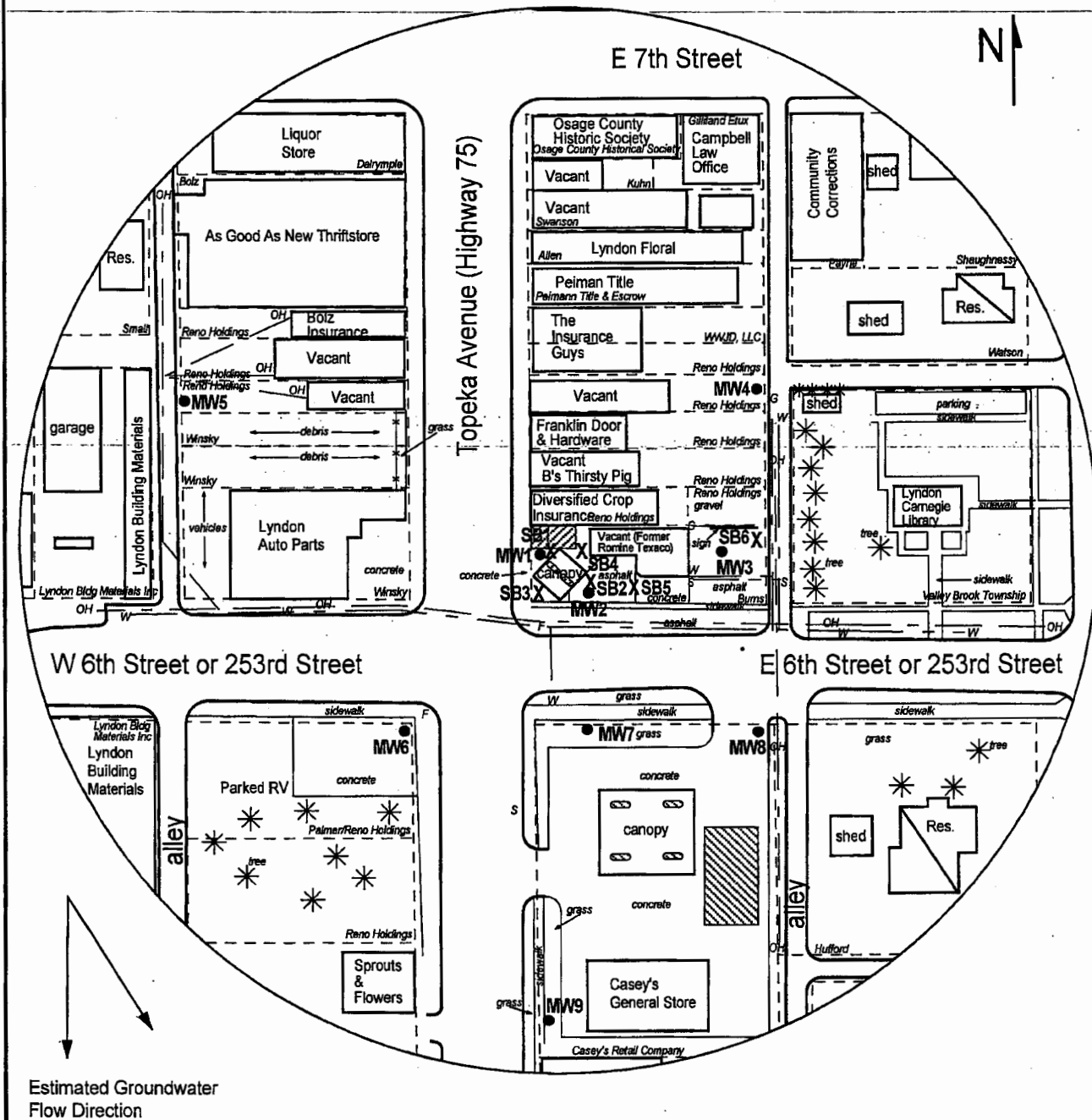


FIGURE 2.1 - 350 FT RADIUS AREA BASE MAP



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)
- Soil Boring (Drilled 5/31-6/1/17)
- Fire Hydrant
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Sewer Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

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

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)

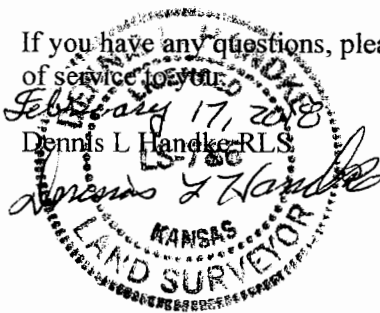
| | | | | |
|-------|----------|---------|-----------|--|
| MW-10 | rim | 1028.79 | South 37 | NW1/4,NE1/4,NE1/4,NW1/4 (Sec. 6-17-16) |
| | top pipe | 1028.46 | West 3007 | Lat = 38.60849 Long = 95.68574 |
| MW-11 | rim | 1031.61 | South 217 | NE1/4,NE1/4,NE1/4,NW1/4 (Sec. 6-17-16) |
| | top pipe | 1031.32 | 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



RECEIVED

MAR 26 2018

BUREAU OF WATER