

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

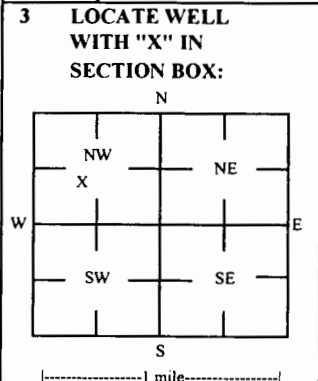
Well ID

MW10

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Hamilton Fraction NE 1/4 NE 1/4 SW 1/4 NW 1/4 Section Number 7 Township Number T 24 S Range Number R 40 E W

2 WELL OWNER: Last Name: Business: Rash Oil Address: 615 E Cedar City Liberal State: KS ZIP: 67901 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): SE corner of Hwy 50 & Durfee, Syracuse KS 67878



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 25.5 ft Depth(s) Groundwater Encountered: 1) 18.97 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 18.97 ft below land surface, measured on (mo-day-yr) 10/21/22

5 Latitude: 37.98173 (decimal degrees) Longitude: 101.75758 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: Land Survey Topographic Map Online Mapper 6 Elevation 3236.63 ft Ground Level TOC Source 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 MW10 6 Environmental Remediation: well ID Air Sparge Recovery Soil Vapor Extractor 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 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 -0.37 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 25.5 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 8.5 ft. to 25.5 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-1' Grout intervals: From 1 ft. to 8.5 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? ~45 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-0.75 Concrete, 0.75-1 Gravel, 1-4 Clay silty sand, 4-8.5 Sand w/ clay, 8.5-19 Silty clay, 19-25.5 Coarse sand grading to weathered shale and stones

Notes: KDHE ID: Rash Oil #4; U1-038-00668 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) 10/18/22 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) 11/29/22 under the business name of Larsen & Associates, Inc. Signature

Hamilton

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.

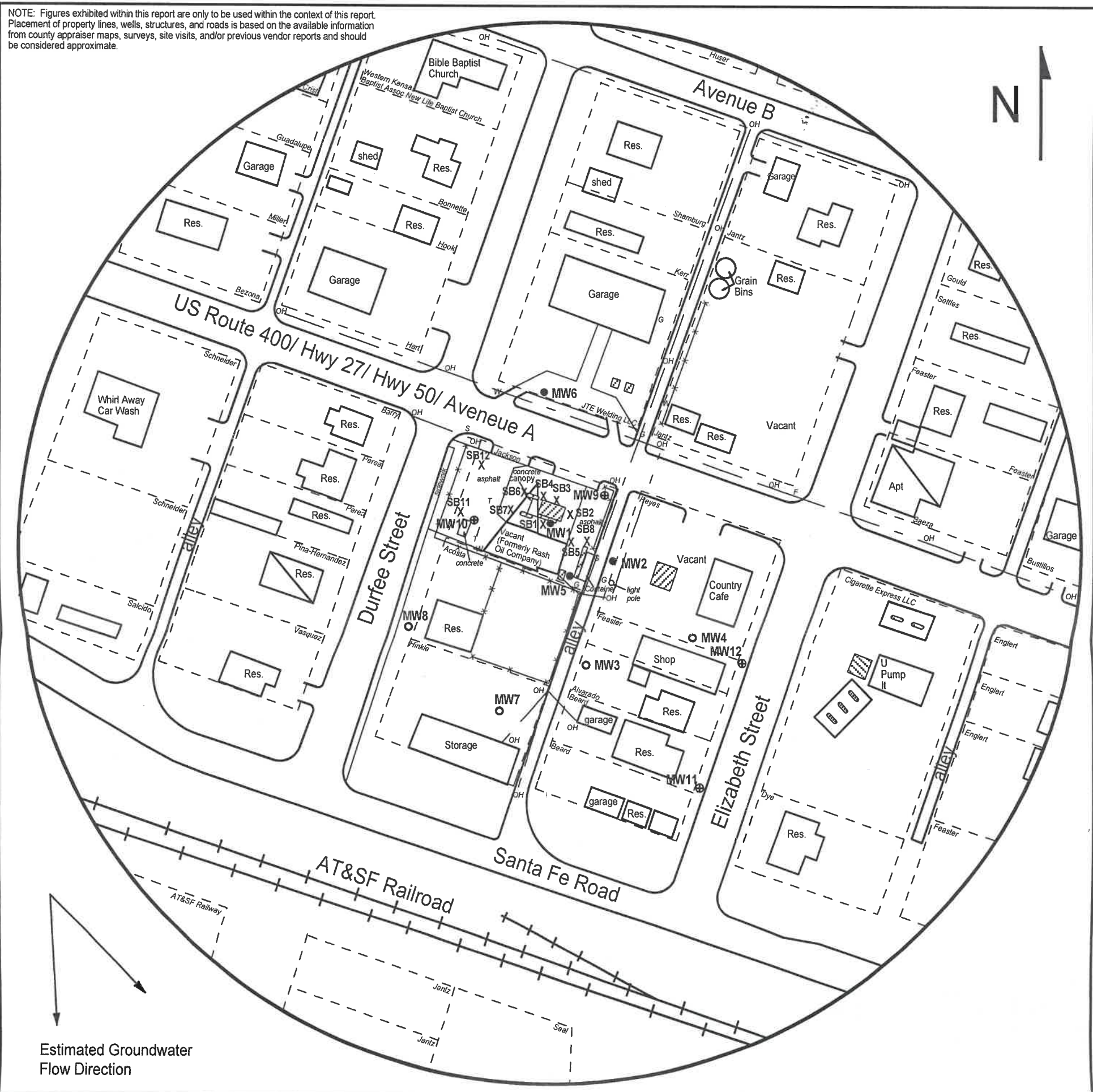
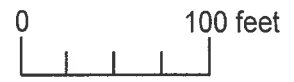


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP



1311 E 25th St., Suite B (785) 841-8707 office  
 Lawrence, KS 66046 (785) 865-4282 fax

**PROJECT:**  
 Rash Oil #4  
 Hwy 50 & Durfee  
 Box 697  
 Syracuse, KS  
 KDHE ID: U1-038-00668  
 Date: 10/21/22



**LEGEND**

- Approximate Location of Former UST Basins, Pump Islands and Product Lines
- Approximate Location of Active UST Basin & Pump Islands
- Approximate Location of Property Line
- Monitoring Well
- Plugged Monitoring Well
- New Monitoring Well (Installed 10/18-20/22)
- New Soil Boring (Drilled 10/19-21/22)
- Fire Hydrant
- Gas Meter
- Sewer Meter
- Water Meter
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)

NOTE: SB11 & SB12 were drilled to collect hydrologic samples.  
 NOTE: Utility depths, heights and locations are approximate.

MOH-HE-1

Hamilton

7-24-40W

# SMH CONSULTANTS

November 11, 2022

Larsen & Associates  
Jessica Chapman  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas 66046

RE: Project No. 2210-0422 - Revised 12/5/2022

Jessica,

The following is the information requested on a Monitoring Well Site, Rash Oil #4, Syracuse, Hamilton County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.7 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.7-T24S-R40W	1804274.69	377813.47						
MW9	1807960.21	373826.57	3685.52	3986.90	3236.13	3235.85	37.98172	101.75719
MW10	1807966.43	373714.47	3691.74	4099.00	3237.00	3236.63	37.98173	101.75758
MW11	1807696.54	373916.24	3421.85	3897.23	3233.97	3233.34	37.98101	101.75685
MW12	1807792.93	373954.68	3581.24	3858.79	3234.19	3233.77	37.98128	101.75673
Site BM	1808026.44	373693.75	3751.75	4119.72				SBM Elevation = 3236.72

Description: "□" on Southwest corner of curb inlet in Southeast quadrant of Highway 50 and Durfee Street.

MW9 and MW10 are in the:	NE¼ NE¼ SW¼ NW¼	S.7-T24S-R40W
MW11 and MW12 are in the:	SW¼ NW¼ SE¼ NW¼	S.7-T24S-R40W

If you have any questions, please do not hesitate in giving us a call.

Sincerely,



Tim Sloan, L.S.  
SMH CONSULTANTS

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