

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW1R

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Cloud Fraction NE 1/4 NW 1/4 SW 1/4 NE 1/4 Section Number 33 Township Number T 5 S Range Number R 3 E X W

2 WELL OWNER: Last Name: Business: KDHE (Landes Oil Co. (Former)) Address: 1000 SW Jackson City Topeka State: KS ZIP: 66612 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 104 Lincoln St, Concordia, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: N NW X NE W SW SE S

4 DEPTH OF COMPLETED WELL: 19 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: ft below land surface, measured on (mo-day-yr) 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: 39.57724 (decimal degrees) Longitude: 97.65782 (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 1354.15 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 Irrigation Feedlot Industrial 2 Public Water Supply: well ID 3 Dewatering: how many wells? 4 Aquifer Recharge: well ID 5 Monitoring: well ID MWIR 6 Environmental Remediation: well ID 7 Air Sparge 8 Soil Vapor Extractor 9 Recovery 10 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 No X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 9 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.30 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 9 ft. to 19 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 7 ft. to 19 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 7 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 (Specify) Direction from well? S Distance from well? -5 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.5 Gravel/topsoil, 0.5-6 Gravel/rock fill, 6-10 Clay, 10-19 Sand

Notes: KDHE ID: Landes Oil Co. (Former); U5-015-14814 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) 8/8/22 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) 9/14/22 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.

DENNIS L HANDKE

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

T5 R3W Sec.33
KSA 82a-1212
Cloud

Jess Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

September 10, 2022

RE: Monitor Well Elevation Survey
104 Lincoln, Concordia, Kansas

Proj. 22-00TT
Landes Oil Co. (Former)
U5-015-14814

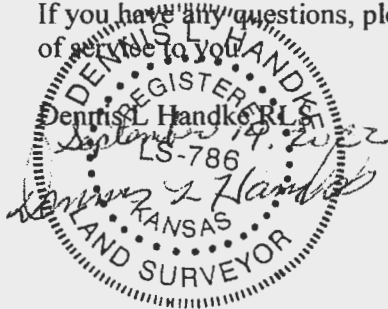
Bench Mark: Chiseld Sq. on North center of concrete storm sewer inlet South side of 1st. Street.
Elev: 1354.67 North 3730.97 West 2237.21 (from SE Cor. Sec. 33-5-3W)

MW-1R	rim	1354.45	North	3900.90	NE1/4,NW1/4,SW1/4,NE1/4
	top pipe	1354.15	West	2248.97	Lat = 39.57724 Long = 97.65782
MW-2R	rim	1354.57	North	3863.36	NE1/4,NW1/4,SW1/4,NE1/4
	top pipe	1354.22	West	2243.01	Lat = 39.57714 Long = 97.65780

Lat & Long derived from Concordia 7.5 quad map. WGS84

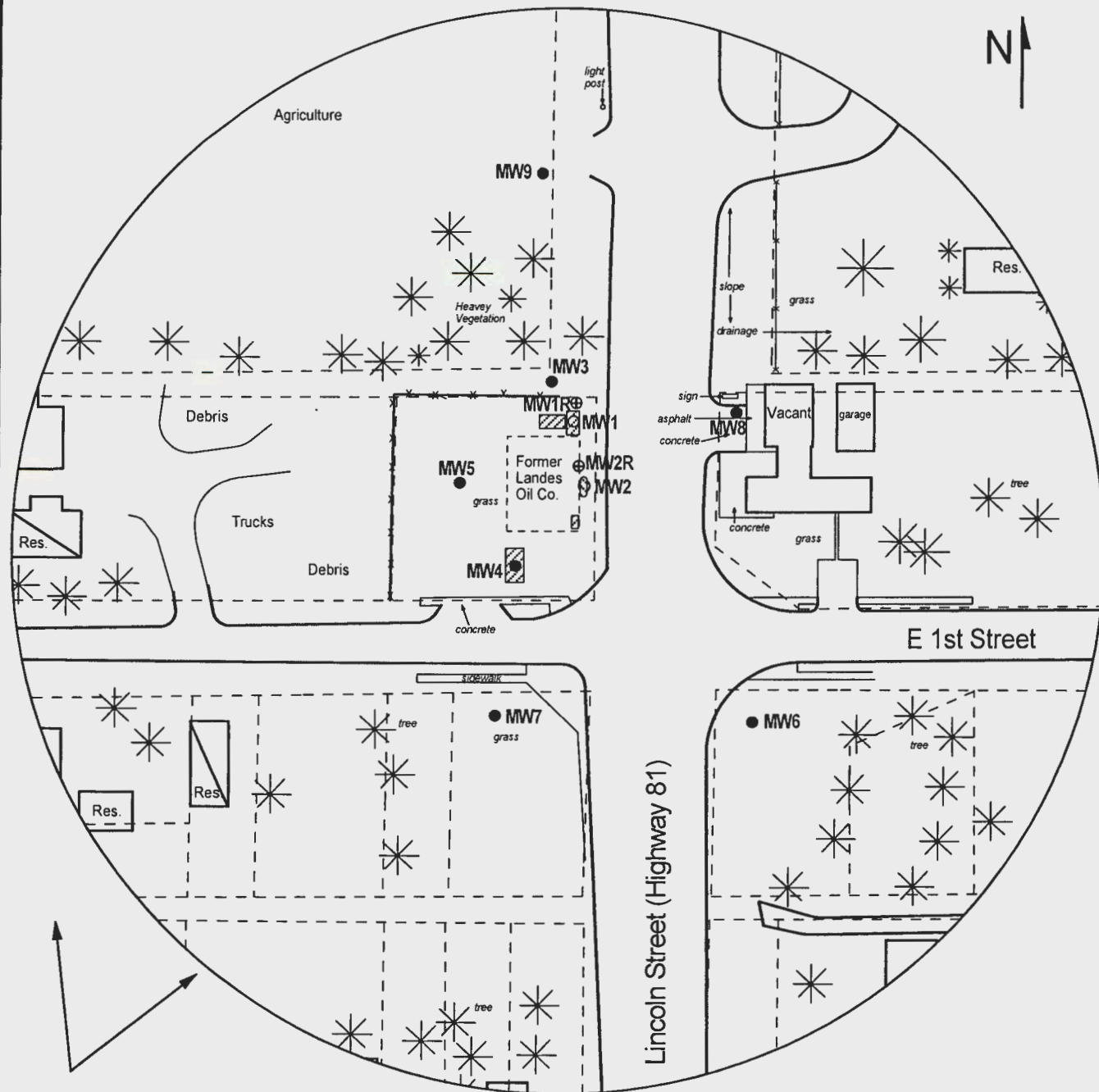
Elevation established from existing project. NAVD 88

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



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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.



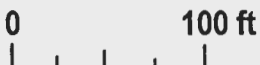
Estimated Groundwater Flow Direction

FIGURE 1 - 350 FT RADIUS AREA BASE MAP



PROJECT:
Landes Oil Co. (Former)
104 Lincoln St.
Concordia, KS
KDHE ID: U5-015-14814
Date: 8/8/22

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



LEGEND:

- Approximate Location of Contaminated Area
- Approximate Location of Former Pump Island
- Building with Basement
- Monitoring Well
- Plugged Monitoring Well
- New Monitoring Well

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NOTE: Approximate location of UST basin and product lines is unknown.