

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

[ ]

Well ID

MW19

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

1 LOCATION OF WATER WELL: County Neosho... 2 WELL OWNER: Last Name: Business: KDHE (Crescent Oil)... 3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram]... 4 DEPTH OF COMPLETED WELL: 24.5 ft... 5 Latitude: 37.68660... 6 Elevation: 920.42 ft... TOC

7 WELL WATER TO BE USED AS: 1 Domestic: [ ] Household [ ] Lawn & Garden [ ] Livestock [ ] Irrigation [ ] Feedlot [ ] Industrial... 5 Public Water Supply: well ID... 8 Monitoring: well ID MW19... 10 Oil Field Water Supply: lease... 11 Test Hole: well ID... 12 Geothermal: How many bores?

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

8 TYPE OF CASING USED: [ ] Steel [X] PVC [ ] Other... CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [X] Threaded... TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [ ] Fiberglass [X] PVC... SCREEN OR PERFORATION OPENINGS ARE: [ ] Continuous Slot [X] Mill Slot [ ] Gauze Wrapped [ ] Torch Cut [ ] Drilled Holes [ ] Other (Specify)...

9 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [X] Bentonite [X] Other Concrete: 0-0.5'... Grout intervals: From 0.5 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 [X] Fuel Storage [ ] Abandoned Water Well [ ] Watertight Sewer Lines [ ] Seepage Pit [ ] Feedyard [ ] Fertilizer Storage [ ] Oil Well / Gas Well [ ] Other (Specify)...

Table with columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-1 Topsoil, 1-18 Clay, 18-24.5 Shale.

Notes: KDHE ID: Crescent Oil Co., Inc.; A3-067-40138... 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) 3/30/22... License No 757... This Water Well Record was completed on (mo-day-year) 8/10/22... Signature

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.

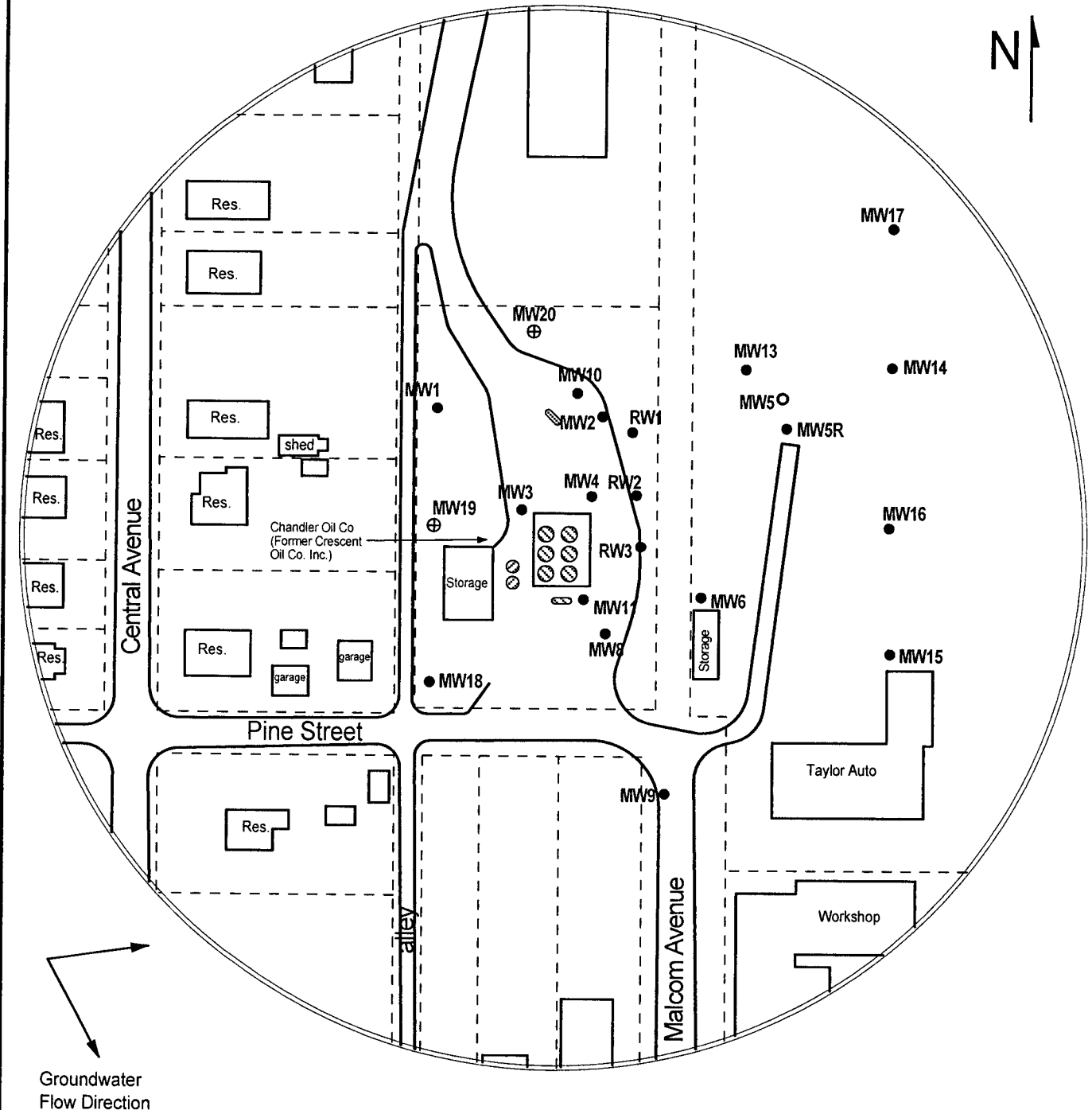


FIGURE 1 - SITE BASE MAP

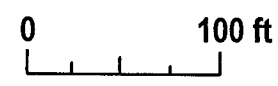
LEGEND:

- Approximate Location of Active AST and Dispenser
- Approximate Location of Active Pump Island
- Approximate Location of Former AST
- Approximate Location of Property Line
- Monitoring Well
- Plugged Monitoring Well
- New Monitoring Well (Installed 3/30/22)



**PROJECT:**  
 Crescent Oil Co., Inc.  
 421 E. Pine  
 Chanute, KS  
 KDHE ID: A3-067-40138  
 Date: 3/30/22

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



NOTE: Location of product lines is unknown  
 MW2 is not within the scope of work and is possibly destroyed

DENNIS L HANDKE

21-21-18E

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

Jess Chapman  
Larson & Assoc.  
1311 E. 25<sup>th</sup> St., Suite B  
Lawrence, Kansas, 66046

August 4, 2022

RE: Monitor Well Elevation Survey  
421 E. Pine, Chanute, Kansas

Proj. 22-00QQ  
Crescent Oil Co., Inc.  
A3-067-40138

Bench Mark: Chisled Square on SE corner of concrete floor of South entrance to building on property.

Elev: 920.65      North 4165.54      West 3637.66      (from SE Cor. Sec. 21-27-18E)

MW-19 rim      920.66      North      4224.28      SW1/4,SW1/4,NE1/NW1/4  
top pipe      920.42      West      3841.11      Lat= 37.68660 Long = 95.44733

MW-20 rim      918.40      North      4360.85      NW1/4,SW1/4,NE1/4,NW1/4  
top pipe      918.08      West      3757.80      Lat= 37.68698 Long = 95.44704

Lat & Long derived from Chanute 7.5' quad map. WGS 84.

Elevation established from NGS BM H 246, NAVD 88.

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

of service to you



RECEIVED

AUG 22 2022

BUREAU OF WATER