

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

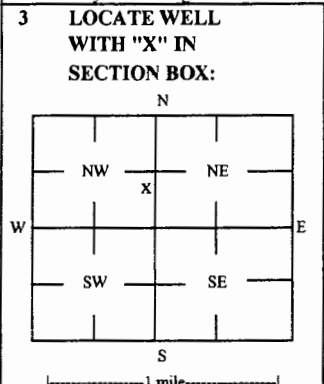
Well ID

MW13

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

1 LOCATION OF WATER WELL: County Cloud Fraction NE 1/4 NE 1/4 SE 1/4 NW 1/4 Section Number 4 Township Number T 6 S Range Number R 3 E W

2 WELL OWNER: Last Name: Business: Midwest Petroleum Address: 210 Paseo, Terraza, Unit 404 City: St. Augustine State: FL ZIP: 32095 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 1302 Lincoln St., Concordia, KS 66901



3 LOCATE WELL WITH "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 29.89 ft Depth(s) Groundwater Encountered: 1) _____ ft 2) _____ ft 3) _____ ft, or 4) [] Dry Well WELL'S STATIC WATER LEVEL: 20.82 ft [X] below land surface, measured on (mo-day-yr) 1/21/16 [] 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: 39.56409 (decimal degrees) Longitude: 97.65820 (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: 1390.79 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 MW13 6 [] Environmental Remediation: well ID 7 [] Air Sparge [] Soil Vapor Extractor [] Recovery [] Injection 8 [] Oil Field Water Supply: lease 9 [] Test Hole: well ID [] Cased [] Uncased [] Geotechnical 10 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 [] Clamped [] Welded [X] Threaded Casing diameter 2 in. to 14.89 ft, Diameter _____ in. to _____ ft, Diameter _____ in. to _____ ft, Casing height above land surface -0.50 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 14.89 ft. to 29.89 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft, GRAVEL PACK INTERVALS: From 13 ft. to 30 ft, From _____ ft. to _____ ft, From _____ ft. to _____ ft,

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [X] Other Concrete: 0-0.5 ft Grout intervals: From 0.5 ft. to 13 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? NE Distance from well? ~80 ft

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS

0	0.4	Concrete			
0.4	5	Rubber fill			
5	20	Silty clay			
20	30	Silty clay with iron nodules			

Notes: KDHE ID: Rick's Concordia Apco; U5-015-10020

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) 1/20/16 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) 4/4/16 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, 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.

SMH CONSULTANTS

February 10, 2016

Larsen & Associates
 Jessica Chapman
 1311 East 25th Street, Suite B
 Lawrence, Kansas 66046
 Email: Jess@LarsenEnvironmental.com

RE: Project No. 1602MN1016

Dear Jessica:

The following is the information requested on a Monitoring Well Site, Rick's Concordia Apco, 1302 Lincoln, Concordia, Cloud County, Kansas.

Point	North Coord.	East Coord.	Distance SE Cor. North	From S.04 West	Elev. Top Of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Corner S.04-T06S-R03W	5000	5000						
MW2RR	9027.45	2201.78	4027.45	2798.22	1390.99	1390.47	39.56461	97.65828
MW3R	8982.00	2376.24	3982.00	2623.76	1393.90	1393.67	39.56446	97.65763
MW11R	9168.79	2417.96	4168.79	2582.04	1394.26	1393.79	39.56497	97.65748
MW13	8845.71	2215.60	3845.71	2784.40	1391.29	1390.79	39.56409	97.65820
Site BM	8985.16	2410.16	3985.16	2589.84		BM Elevation = 1395.93		

BM Description: "M" in Mueller on top of fire hydrant in the southwest quadrant of intersection of 13th Street and US 81.

MW2RR is in the: SE¼ SE¼ NE¼ NW¼ S.04-T06S-R03W
 MW13 is in the: NE¼ NE¼ SE¼ NW¼ S.04-T06S-R03W
 MW3R and MW11R are in the: SW¼ SW¼ NW¼ NE¼ S.04-T06S-R03W

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

Sincerely,



Tim Sloan, L.S.
 SMH CONSULTANTS