

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No. []

1 LOCATION OF WATER WELL: Fraction NE 1/4 SW 1/4 NE 1/4 Section Number 1 Township Number T 6 S Range Number R 20 E County: Atchison Distance and direction from nearest town or city street address of well if located within city? 1014 Gasoline Alley, Atchison KS Global Positioning System (decimal degrees, min. of 4 digits) Latitude: N 39.55986° Longitude: W 95.12876° Elevation: RIM: 817.45; TOC: 817.20 Datum: NAVD88 Data Collection Method: legal survey

Per driller PRL 3/7/2014

2 WATER WELL OWNER: Consumer Oil Co., Inc. RR#, St. Address, Box #: PO Box 216 City, State, ZIP Code: Bendena KS 66008

3 LOCATE WELL'S LOCATION WITH AN 'X' IN SECTION BOX: [Map showing NW, NE, SW, SE sections with X in NE] 4 DEPTH OF COMPLETED WELL 30.53 ft. MW10 Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL 19.08 ft. below land surface measured on mo/day/yr 1/22/14 Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) (10) Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr Sample was submitted Water Well Disinfected? Yes No X

5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Threaded X (2) PVC 4 ABS 7 Fiberglass Blank casing diameter 2 in. to 15.53 ft., Dia in. to ft., Dia in. to ft. Casing height below land surface 0.25 ft., Weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass (7) PVC 9 ABS 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3) Mill slot 5 Gauze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 15.53 ft. to 30.53 ft. GRAVEL PACK INTERVALS: From 13 ft. to 30.80 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (3) Bentonite (4) Other Concrete: 0-1' Grout Intervals From 1 ft. to 13 ft. From ft. to ft. From ft. to ft. What is the nearest source of possible contamination: 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon (11) Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well Direction from well? NE How many feet? ~20'

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Row 1: 0-10 Gravel on top; brown silty clay w/ brick. Row 2: 10-15 Gray silty clay w/ brick. Row 3: 15-30.8 Brown silty clay w/ brick. Footer: Flushmount waiver from BOW

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 1/15/14 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) 2/3/14 under the business name of Larsen & Associates, Inc. by (signature)

INSTRUCTIONS: Please fill in blanks or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell.

DENNIS L HANDKE

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785-286-4047 Home
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January 30, 2014

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

RE: Monitor Well Elevation Survey
1014 Gasoline Alley, Atchison, Kansas

Proj. 14-00C
Consumer Oil Co. #40111
A4-003-40448

Bench Mark: Chisled Sq. on East end of concrete pump island at center of property.
Elev: 818.96 North 3552.6 West 1410.3 (from SE Cor. Sec. 1-6-20E)

MW-10	rim	817.45	North	3632.9	NE1/4,NE1/4,SW1/4,NE1/4
	top pipe	817.20	West	1448.5	Lat= 39.55986 Long = 95.12876
MW-11	rim	816.05	North	3650.0	NE1/4,NE1/4,SW1/4,NE1/4
	top pipe	815.68	West	1322.4	Lat= 39.55990 Long = 95.12831
MW-12	rim	817.87	North	3685.8	NW1/4,NW1/4,SE1/4,NE1/4
	top pipe	817.22	West	1240.7	Lat= 39.56000 Long = 95.12802
MW-13	rim	819.28	North	3734.5	NE1/4,NE1/4,SW1/4,NE1/4
	top pipe	818.90	West	1333.8	Lat= 39.56014 Long = 95.12835
MW-14	rim	819.03	North	3710.5	NE1/4,NE1/4,SW1/4,NE1/4
	top pipe	818.51	West	1483.3	Lat= 39.56007 Long = 95.12889
MW-15	rim	819.25	North	3650.7	NE1/4,NE1/4,SW1/4,NE1/4
	top pipe	819.02	West	1516.2	Lat= 39.55991 Long = 95.12909
MW-16	rim	818.55	North	3592.6	SE1/4,NE1/4,SW1/4,NE1/4
	top pipe	818.24	West	1434.2	Lat= 39.55975 Long = 95.12871
MW-17	rim	815.49	North	3599.6	SE1/4,NE1/4,SW1/4,NE1/4
	top pipe	814.94	West	1348.5	Lat= 39.55977 Long = 95.12841
MW-18	rim	815.49	North	3609.8	SW1/4,NW1/4,SE1/4,NE1/4
	top pipe	814.94	West	1221.9	Lat= 39.55979 Long = 95.12796

Lat & Long derived existing Atchison West 7.5' quad map. NAVD 27

Elevation established 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.

Dennis L Handke, RLS
KANSAS