

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL: County: Atchison Distance and direction from nearest town or city street address of well if located within city? 1014 Gasoline Alley, Atchison KS	Fraction NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$	Section Number 1	Township Number T 6 S R 20 E	Range Number 20																																																																																				
2 WATER WELL OWNER: Consumer Oil Co., Inc. RR#, St. Address, Box # : PO Box 216 City, State, ZIP Code : Bendena KS 66008		Global Positioning System (decimal degrees, min. of 4 digits) Latitude: N 39.56007° Longitude: W 95.12889° Elevation: RIM: 819.03; TOC: 818.51 Datum: NAVD88 Data Collection Method: <u>legal survey</u>																																																																																						
3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX: <div style="text-align: center;">N <table border="1" style="margin: auto;"><tr><td style="width: 20px;">NW</td><td style="width: 20px;">NE</td></tr><tr><td style="text-align: center;">X</td><td></td></tr><tr><td>SW</td><td>SE</td></tr></table>S</div>	NW	NE	X		SW	SE	4 DEPTH OF COMPLETED WELL 30.17 ft. MW14 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft. WELL'S STATIC WATER LEVEL 17.45 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																																																																																	
	NW	NE																																																																																						
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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) 2 PVC 4 ABS 7 Fiberglass Blank casing diameter 2 in. to 15.17 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height below land surface 0.52 ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____		CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded X																																																																																						
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 15.17 ft. to 30.17 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 13 ft. to 30.60 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ 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? SE How many feet? ~60'																																																																																								
<table border="1" style="width: 100%;"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>PLUGGING INTERVALS</th></tr></thead><tbody><tr><td>0</td><td>30.6</td><td>Gravel on top; Brown silty clay</td><td></td><td></td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>					FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	30.6	Gravel on top; Brown silty clay																																																																											
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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)																																																																																								
<small>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.</small>																																																																																								

Cperdriller
DRL
2/17/2014

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
785-286-1990 Fax

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

January 30, 2014

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

