

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources: App. No.  

<b>1 LOCATION OF WATER WELL:</b>	Fraction County: <b>Douglas</b> <b>SE ¼ SW ¼ SE ¼</b>	Section Number <b>1</b>	Township Number <b>T 13 S R 19 E</b>	Range Number <b>19 E</b>
Distance and direction from nearest town or city street address of well if located within city? <b>902 W 23<sup>rd</sup> St., Lawrence, KS 66046</b>		<b>Global Positioning System</b> (decimal degrees, min. of 4 digits) Latitude: <u>NA</u> Longitude: <u>NA</u> Elevation: <u>TOC: 859.67; RIM: 859.98</u> Datum: <u>NAVD88</u> Data Collection Method: <u>legal survey</u>		
<b>2 WATER WELL OWNER: KDHE (Former Jayhawk Oil)</b> RR#, St. Address, Box # : <b>1000 SW Jackson</b> City, State, ZIP Code : <b>Topeka, KS 66612</b>				

<b>3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:</b>	<b>4 DEPTH OF COMPLETED WELL 13 ft.</b>
	Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft. WELL'S STATIC WATER LEVEL <u>Dry</u> ft. below land surface measured on <u>mo/day/yr</u> <u>4/1/10</u> 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) <u>10</u> Monitoring well
	Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr Sample was submitted _____ Water Well Disinfected? Yes _____ No <u>X</u>

<b>5 TYPE OF CASING USED:</b>	5 Wrought Iron    8 Concrete tile    CASING JOINTS: Glued _____ Clamped _____ 1 Steel    3 RMP (SR)    6 Asbestos-Cement    9 Other (specify below)    Welded _____ <u>2</u> PVC    4 ABS    7 Fiberglass    _____    Threaded <u>X</u> Blank casing diameter <u>2</u> in. to <u>3</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height below land surface <u>0.31</u> ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____
TYPE OF SCREEN OR PERFORATION MATERIAL:	
1 Steel    3 Stainless steel    5 Fiberglass <u>7</u> 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 <u>3</u> 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 <u>3</u> ft. to <u>13</u> ft. From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS: From <u>2</u> ft. to <u>13</u> ft. From _____ ft. to _____ ft.	

<b>6 GROUT MATERIAL:</b>	1 Neat cement    2 Cement grout <u>3</u> Bentonite <u>4</u> Other <b>Concrete: 0-1 feet</b> Grout Intervals From <u>1</u> ft. to <u>2</u> 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 <u>11</u> 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? <u>SW</u> How many feet? <u>~80 ft</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.5	Coarse gravel			
0.5	1	Light brown silty clay with fine sand and some fine gravel			
1	3	Light brown with some yellow brown mottling silty clay with fine sand and some fine gravel mod. plasticity, grading to..			
3	13	Yellow brown weathered shale			
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) 1/13/10 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) 4/30/10 under the business name of Larsen & Associates, Inc. by (signature) [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>.

# GROUNDWATER SAMPLING FORM

Site: Former Jayhawk Oil

City: 902 W 23rd St, Lawrence KS

Date: 7/1/10

Field Staff: Laesley Galloway, Steven

Arrival Time: 1125

Departure Time: 1540

WELL ID	PRODUCT LEVEL (feet)	STATIC WATER LEVEL (prior to purge)	TOTAL DEPTH	PURGE VOLUME (TD-SWL/2)	PURGE TIME START	PURGE TIME END	STATIC WATER LEVEL (prior to sample)	SAMPLE TIME	KDHE OLD LOCK	KDHE NEW LOCK	NOTES
MW1	—	104	1620	1185	1238	1242	9.10	1430	—	276174	44407
MW2	—	423	1220	800	1203	1209	9.70	1357	—	276169	44408
MW3	—	929	1280	315*	1130	1133	10.66	1344	—	276093	44409
MW4	—	337	1215	850*	1153	1200	9.04	1430	—	276237	44410
MW5	—	536	1275	750	1144	1150	9.04	1258	—	276473	44411
MW6	—	—	1280	—	—	—	—	—	—	276637	44412
MW7	—	—	1287	—	—	—	—	—	—	276157	43793
MW8	—	562	1223	70*	1332	1345	9.17	1515	—	27622	4386536
MW9	—	NOT BUILT	—	—	—	—	—	—	—	—	—
EMW11	—	805	1199	50	1345	1348	6.70	1430	—	No Tag	0191281
EMW12	—	738	1389	25	1300	1305	13.35	1440	0181444	0181473	—
EMW13	—	691	145	6.5	1211	1218	12.20	1354	255323	181947	—

Were the bailers changed? (Circle one) Yes  No  Current property use: Water Treatment

Call the office for instructions if access to a well cannot be obtained or a sample cannot be collected.

## Larsen

1311 E 25th St, Lawrence, KS 66046  
 ph: 785-841-8707 Fax: 785-865-4282

NOTES: MW3 - Bailer dry at 0.75 gal, MW3 Bailer empty again at 1.0 gal  
 \* MW4 - " " " " 6.5 gal  
 \* MW2 " " " " 4 gal, MW2 bailed imp again after 23 gal  
 \* MW8 " " " " 6 gal

FIELD STAFF SIGNATURE: \_\_\_\_\_

\* Calculated and actual purge volumes are the same unless otherwise noted