

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Douglas	SE ¼ SW ¼ SE ¼	1	T 13 S	R 19 E

Distance and direction from nearest town or city street address of well if located within city? **Global Positioning System** (decimal degrees, min. of 4 digits)
 Latitude: NA
 Longitude: NA

2 WATER WELL OWNER: KDHE (Former Jayhawk Oil)
 RR#, St. Address, Box # : **1000 SW Jackson**
 City, State, ZIP Code : **Topeka, KS 66612**
 Elevation: **TOC: 859.01; RIM: 859.27**
 Datum: **NAVD88**
 Data Collection Method: **legal survey**

3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:

N

NW	NE
SW	SE

S

W E

4 DEPTH OF COMPLETED WELL 13 ft.

MW5

Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.

WELL'S STATIC WATER LEVEL **5.36** ft. below land surface measured on mo/day/yr **4/1/10**

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)	CASING JOINTS: Glued _____ Clamped _____
2 PVC	4 ABS	7 Fiberglass		Welded _____ Threaded X

Blank casing diameter **2** in. to **3** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height below land surface **0.26** 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 **3** ft. to **13** ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **2** ft. to **13** 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 feet**

Grout Intervals From **1** ft. to **2** 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? **S** How many feet? **~35ft**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.5	Grass, topsoil			
0.5	4	Brown mottled yellow brown silty clay with fine sand and fine gravel, mod. plasticity			
4	4.5	Limestone			
4.5	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 Gallagher, 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	1010	1430	—	276174	44407
MW2	—	423	1220	800	1203	1209	970	1357	—	276169	44408
MW3	—	929	1280	315*	1130	1133	1066	1344	—	276093	44409
MW4	—	337	1215	850*	1153	1200	904	1430	—	276237	44410
MW5	—	536	1275	750	1144	1150	904	1258	—	276473	44411
MW6	—	Dry	1280	—	—	—	—	—	—	276637	44412
MW7	—	Dry	1287	—	—	—	—	—	—	276157	43793
MW8	—	562	1223	70*	1332	1345	917	1515	—	27622	4386536
MW9	—	NOT BUILT	—	—	—	—	—	—	—	—	—
EMW11	—	805	1199	50	1245	1248	670	1430	—	No Tag	0191281
EMW12	—	738	1389	25	1300	1305	1235	1440	—	0181444	0181473
EMW13	—	691	145	65	1211	1218	1220	1354	—	255323	181947

Were the bailers changed? (Circle one) Yes Current property use: WATER TOWER

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

Jarsen
ASSOCIATES, INC.

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 empty again after 23 gal
 * MW8 - " " " " 6 gal

FIELD STAFF SIGNATURE:

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