

WATER WELL RECORD

Form WWC-5

Division of Water Resources: App. No.

1 LOCATION OF WATER WELL:	Fraction County: Rooks NE ¼ NE ¼ SW ¼	Section Number 12	Township Number T 9 S R 20 W	Range Number 20
Distance and direction from nearest town or city street address of well if located within city? Gum Avenue & Highway K-18 Palco, KS 67657		Global Positioning System (decimal degrees, min. of 4 digits) Latitude: N 39.25566° Longitude: W 99.55934° Elevation: RIM: 2244.80 TOC: 2244.50 Datum: above mean sea level Data Collection Method: legal survey		
2 WATER WELL OWNER: Thunderbird Oil RR#, St. Address, Box # : PO Box 27 City, State, ZIP Code : Palco, KS 67657				

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL <u>39.5</u> ft.
	Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft. WELL'S STATIC WATER LEVEL <u>29.55</u> ft. below land surface measured on mo/day/yr <u>3/12/08</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/yrs Sample was submitted _____ Water Well Disinfected? Yes _____ No <u>X</u>

5 TYPE OF CASING USED:	5 Wrought Iron 8 Concrete tile 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) <u>2</u> PVC 4 ABS 7 Fiberglass	CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>X</u>
Blank casing diameter <u>2</u> in. to <u>19.5</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	Casing height below land surface <u>0.30</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>19.5</u> ft. to <u>39.5</u> ft. From _____ ft. to _____ ft.		
GRAVEL PACK INTERVALS: From <u>18.5</u> ft. to <u>39.5</u> ft. From _____ ft. to _____ ft.		

6 GROUT MATERIAL:	1 Neat cement 2 Cement grout <u>3</u> Bentonite <u>4</u> Other concrete, 0-2' Grout Intervals From <u>2</u> ft. to <u>18.5</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>NW</u> How many feet? <u>~63</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Concrete			no odor
3	5	Silty-clay, brown, moist, no odor	28	30	Sand, medium grained, with small pebbles
8	10	Sand, medium grained, moderately sorted, brown, moist, no odor	33	35	poorly sorted, brown, wet, no odor
13	15	Sand, medium grained, moderately sorted, brown, moist, no odor	38	40	Sand, medium grained, with small pebbles
18	20	Sandy-clay, brown, very dense, moist, no odor, very slow drilling			poorly sorted, brown, wet, no odor
23	25	Sand, medium grained, with small pebbles, poorly sorted, brown, moist			Flush mount 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) 3/12/08 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) 3/26/08 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>.