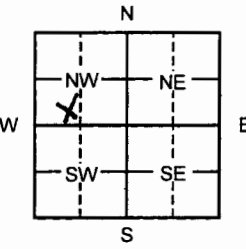
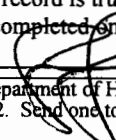


WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Cherokee		SE ¼ SW ¼ NW ¼	1	T 35 S	R 24 E
Distance and direction from nearest town or city street address of well if located within city? E 202 W 12th St, Baxter Springs			Global Positioning System (decimal degrees, min. of 4 digits) Latitude: <u> N° </u> Longitude: <u> W° </u> Elevation: <u> </u> Datum: <u>above mean sea level</u> Data Collection Method: <u>legal survey</u>		
2 WATER WELL OWNER: Grace Energy Corporation RR#, St. Address, Box # : PO Box 514 City, State, ZIP Code : Carthage, MO 64836		4 DEPTH OF COMPLETED WELL <u>32.5</u> ft. MW8			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft. WELL'S STATIC WATER LEVEL <u> </u> ft. below land surface measured on mo/day/yr Pump test data: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> gpm Est. Yield <u> </u> gpm: Well water was <u> </u> ft. after <u> </u> hours pumping <u> </u> 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 <u> </u> No X ; If yes, mo/day/yrs Sample was submitted <u> </u> Water Well Disinfected? Yes <u> </u> No X				
	5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued <u> </u> Clamped <u> </u> 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded <u> </u> 2 PVC 4 ABS 7 Fiberglass <u> </u> Threaded X Blank casing diameter <u>2</u> in. to <u>10</u> ft., Dia <u> </u> in. to <u> </u> ft., Dia <u> </u> in. to <u> </u> ft. Casing height below land surface <u>flush</u> ft., Weight <u> </u> lbs./ft. Wall thickness or gauge No. <u> </u>				
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 9 ABS 11 Other (specify) <u> </u> 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) <u> </u>					
SCREEN-PERFORATED INTERVALS: From <u>10</u> ft. to <u>32.5</u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> ft. GRAVEL PACK INTERVALS: From <u>8</u> ft. to <u>32.5</u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other cement, 0-2 ft Grout Intervals From <u>2</u> ft. to <u>8</u> ft. From <u> </u> ft. to <u> </u> ft. From <u> </u> ft. to <u> </u> 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? <u> </u> How many feet? <u> </u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	0.5'	Grass and roots			
0.5'	13'	Brown clayey silts and silts, soft, moist, no hydrocarbon odor			
13'	32.5'	Gray shale like clays, dry			
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) <u>10/31/07</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>757</u> . This Water Well Record was completed on (mo/day/year) <u>11/9/07</u> under the business name of <u>Larsen & Associates, Inc.</u> 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 .					