

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number																																																																																																	
County: Cowley		SW 1/4 NE 1/4 SW 1/4		32		T 34 S		R 4 EW																																																																																																	
Distance and direction from nearest town or city street address of well if located within city?																																																																																																									
2 WATER WELL OWNER: Total Petroleum, Inc.																																																																																																									
RR#, St. Address, Box # : 1400 South M Street						Board of Agriculture, Division of Water Resources																																																																																																			
City, State, ZIP Code : Arkansas City, KS 67005						Application Number:																																																																																																			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 42 ft. ELEVATION:																																																																																																							
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 14.2* ft. below land surface measured on mo/day/yr 2/27/85 Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter in. to ft., and in. to ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic WAS 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No																																																																																																							
		5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued . X . . . Clamped . . . 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 2 PVC 4 ABS 7 Fiberglass Threaded Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft. Casing height above below land surface 3 ft. in. weight lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From ft. to 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 Grout Intervals: From 3 ft. to 42 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 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) 13 Insecticide storage Direction from well? East How many feet? 50 ft.																																																																																																							
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr><td>0</td><td>5</td><td>Brown Sandy Soil</td><td></td><td></td><td></td></tr> <tr><td>5</td><td>10</td><td>Brown Clay</td><td></td><td></td><td></td></tr> <tr><td>10</td><td>11</td><td>Tan Fine to Medium Sand</td><td></td><td></td><td></td></tr> <tr><td>11</td><td>24</td><td>Very Coarse Sand-mixed with medium Sand</td><td></td><td></td><td></td></tr> <tr><td>24</td><td>24.1</td><td>Green Clay</td><td></td><td></td><td></td></tr> <tr><td>24.1</td><td>30</td><td>Gravel Mixed with Medium Coarse Sand</td><td></td><td></td><td></td></tr> <tr><td>30</td><td>30.1</td><td>Tan Clay Layer</td><td></td><td></td><td></td></tr> <tr><td>30.1</td><td>34</td><td>Gravel mixed with Coarse Sand & Clay</td><td></td><td></td><td></td></tr> <tr><td>34</td><td>40</td><td>medium to Coarse Sand</td><td></td><td></td><td></td></tr> <tr><td>40</td><td>43</td><td>Clay Layer</td><td></td><td></td><td></td></tr> <tr><td>43</td><td></td><td>Bedrock</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	LITHOLOGIC LOG	0	5	Brown Sandy Soil				5	10	Brown Clay				10	11	Tan Fine to Medium Sand				11	24	Very Coarse Sand-mixed with medium Sand				24	24.1	Green Clay				24.1	30	Gravel Mixed with Medium Coarse Sand				30	30.1	Tan Clay Layer				30.1	34	Gravel mixed with Coarse Sand & Clay				34	40	medium to Coarse Sand				40	43	Clay Layer				43		Bedrock																											
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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) 5/19/85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 6/11/85 under the business name of by (signature)																																																																																																									
INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																																																																									