

<b>1 LOCATION OF WATER WELL:</b>		Fraction	Section Number	Township Number	Range Number				
County: <u>Cowley</u>		<u>SW 1/4 SW 1/4 SW 1/4</u>	<u>32</u>	<u>T 34 S</u>	<u>R 4</u> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">EAW</span>				
Distance and direction from nearest town or city street address of well if located within city? <u>Two miles southeast of Arkansas City, KS</u>									
<b>2 WATER WELL OWNER:</b> <u>Total Petroleum, Inc.</u>									
RR#, St. Address, Box #: <u>1400 South M Street</u>									
City, State, ZIP Code: <u>Arkansas City, KS 67005</u>									
Board of Agriculture, Division of Water Resources Application Number:									
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>		<b>4 DEPTH OF COMPLETED WELL:</b> <u>31.5</u> ft. <b>ELEVATION:</b> <u>1066.27</u> ft.							
<div style="text-align: center;">N 1 Mile W E S</div> <table border="1" style="margin: auto; text-align: center;"><tr><td>NW</td><td>NE</td></tr><tr><td>SW</td><td>SE</td></tr></table> <div style="text-align: center;">X</div>		NW	NE	SW	SE	Depth(s) Groundwater Encountered <u>18.66</u> ft. 2. ft. 3. ft.			
		NW	NE						
		SW	SE						
		WELL'S STATIC WATER LEVEL <u>18.66</u> ft. below land surface measured on mo/day/yr <u>5/2/86</u>							
		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 <u>12</u> in. to <u>33.0</u> ft. and _____ in. to _____ ft.		WELL WATER TO BE USED AS:							
1 Domestic		3 Feedlot	6 Oil field water supply	9 Dewatering	12 Other (Specify below)				
2 Irrigation		4 Industrial	7 Lawn and garden only	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10 Observation well</span>					
Was a chemical/bacteriological sample submitted to Department? Yes _____ No <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> _____; If yes, mo/day/yr sample was submitted _____									
Water Well Disinfected? Yes _____ No <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> _____									
<b>5 TYPE OF BLANK CASING USED:</b>									
1 Steel		3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> Clamped _____				
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">2 PVC</span>		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____				
			7 Fiberglass		Threaded <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">X</span> _____				
Blank casing diameter <u>4</u> in. to <u>11.5</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.									
Casing height above land surface <u>24.0</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>Schedule 40</u>									
<b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>									
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)				
<b>SCREEN OR PERFORATION OPENINGS ARE:</b>									
1 Continuous slot		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3 Mill slot</span>	5 Gauzed wrapped	8 Saw cut	11 None (open hole)				
2 Louvered shutter		4 Key punched	6 Wire wrapped	9 Drilled holes					
			7 Torch cut	10 Other (specify) _____					
<b>SCREEN-PERFORATED INTERVALS:</b> From <u>11.5</u> ft. to <u>31.5</u> ft., From _____ ft. to _____ ft.									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
<b>GRAVEL PACK INTERVALS:</b> From <u>11.0</u> ft. to <u>33.0</u> ft., From _____ ft. to _____ ft.									
From _____ ft. to _____ ft., From _____ ft. to _____ ft.									
<b>6 GROUT MATERIAL:</b> 1 Neat cement 2 Cement grout 3 Bentonite 4 Other <u>10.0-11.0 Bentonite seal</u>									
Grout Intervals: From <u>0</u> ft. to <u>10.0</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	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">11 Fuel storage</span>	14 Abandoned water well				
2 Sewer lines		5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	15 Oil well/Gas well				
3 Watertight sewer lines		6 Seepage pit	9 Feedyard	13 Insecticide storage	16 Other (specify below)				
Direction from well? <u>Southwest</u>				How many feet? <u>125.0</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG				
0	2.0	Silty sand with organic matter							
2.0	6.0	Light brown fine sand							
6.0	8.0	Greenish silty sand							
8.0	12.0	Light brown fine sand							
12.0	17.0	Dark grey fine sand							
17.0	20.0	Dark grey fine sand							
20.0	27.0	Dark grey fine sand							
27.0	32.0	Coarse sand							
32.0	33.0	Clay							
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">(1) constructed</span> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>4/30/86</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>458</u> This Water Well Record was completed on (mo/day/yr) <u>4/30/86</u> under the business name of <u>Jim Winnek, Inc.</u> by (signature) <u>Jim Winnek</u>									
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send up three copies to Kansas Department of Health and Environment, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.									

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