

1 LOCATION OF WATER WELL		Fraction		Section Number		Township Number		Range Number																									
County: Crawford		SW 1/4 SE 1/4 SE 1/4		28		T 30 S		R 25 EW																									
Distance and direction from nearest town or city? 800' South of Well #10				Street address of well if located within city? Freeking Road Pittsburg, Kansas																													
2 WATER WELL OWNER: CITY OF PITTSBURG, KANSAS																																	
RR#, St. Address, Box #				Board of Agriculture, Division of Water Resources																													
City, State, ZIP Code				Application Number:																													
3 DEPTH OF COMPLETED WELL 1050 ft. Bore Hole Diameter 22 in. to 650 ft. and 15 in. to 1050 ft.																																	
Well Water to be used as:																																	
1 Domestic 3 Feedlot 5 Public water supply <input checked="" type="checkbox"/> 8 Air conditioning 11 Injection well 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)																																	
Well's static water level 276.75 ft. below land surface measured on 1st month 22nd day 1981 year																																	
Pump Test Data: Well water was 352.98 ft. after 10 min. hours pumping 2,200 gpm																																	
Est. Yield gpm: Well water was 352.98 ft. after 12 hours pumping 2,200 gpm																																	
4 TYPE OF BLANK CASING USED:																																	
1 Steel <input checked="" type="checkbox"/> 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded <input checked="" type="checkbox"/>																																	
Blank casing dia 24" ϕ in. to 25' ft. Dia 18" ϕ in. to 650' ft. Dia in. to ft.																																	
Casing height above land surface 1.5' in. weight 70.59 lbs./ft. Wall thickness or gauge No. 375"																																	
TYPE OF SCREEN OR PERFORATION MATERIAL:																																	
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)																																	
Screen or Perforation Openings Are:																																	
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes																																	
Screen-Perforation Dia in. to ft. Dia in. to ft. Dia in. to ft.																																	
Screen-Perforated Intervals: 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.																																	
5 GROUT MATERIAL: 1 Neat cement <input checked="" type="checkbox"/> 2 Cement grout 3 Bentonite 4 Other 800 sacks used																																	
Grouted Intervals: From 0 ft. to 650' ft. From ft. to ft. From ft. to ft.																																	
What is the nearest source of possible contamination:																																	
1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)																																	
Direction from well East How many feet 150 ? Water Well Disinfected? Yes <input checked="" type="checkbox"/> No																																	
Was a chemical/bacteriological sample submitted to Department? Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted 1st month 16th day 81 year Pump Installed? Yes No <input checked="" type="checkbox"/>																																	
If Yes: Pump Manufacturer's name Model No. HP Volts																																	
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.																																	
Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other																																	
6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 12th month 30th day 1980 year																																	
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 400																																	
This Water Well Record was completed on 1st month 23d day 1981 year under the business name of TEST DRILLING SERVICE COMPANY by (signature) [Signature]																																	
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: SEC 28																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">FROM</td> <td colspan="2">TO</td> <td colspan="2">LITHOLOGIC LOG</td> <td colspan="2">FROM</td> <td colspan="2">TO</td> <td colspan="2">LITHOLOGIC LOG</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">(See attached Log)</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>										FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG						(See attached Log)							
FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG																							
				(See attached Log)																													
ELEVATION: 891.6																																	
Depth(s) Groundwater Encountered 1. 11.0 ft. 2. 260 ft. 3. 505 ft. 4. 750 ft. (Use a second sheet if needed)																																	
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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																	

OFFICE USE ONLY

T

30

R 25

EW

SEC

28

SW 1/4

SE 1/4

SE 1/4

SE 1/4

LOG OF BORING NO. #11**TEST DRILLING SERVICE CO.**

PHONE: (314) 291-1111

2500 DRILLING SERVICE DR.
ST. LOUIS COUNTY

MARYLAND HEIGHTS, MO. 63043

PROJECT CITY OF PITTSBURG, KANSAS, WELL #11JOB NO. 80-099BORING LOCATION Free King Road, Pittsburg, KansasSURFACE EL. 891.6'DATE: (START) 12-11-80 (FINISH) 12-30-80 RIG: 739INSPECTOR: David Taylor

DEPTH	TO	CLASSIFICATION	DATE	TIME	CORE RUN		TOTAL RUN	RECOVERY	
					FROM	TO		TOTAL	%
0.0	11.0	SILTY CLAY, Brown, Damp (Minor Water at Contact)							
11.0	145.0	SANDY SHALE with MINOR COAL & UNDERCLAY							
145.0	185.0	LENSES, Dark Gray, Competent, No Water LIMESTONE (Warsaw Formation?), Gray,							
		Medium Crystalline with							
		Abundant Green Shale & Chert,							
		Moderate to Weak Oxidation,							
		No Water							
185.0	260.0	LIMESTONE (Burlington Formation?),							
		Gray, Coarsley Crystalline,							
		<1% Chert, Weak Oxidation,							
		No Water							
260.0	390.0	LIMESTONE (Reed Springs Formation?),							
		Gray to Light Brownish Gray							
		Medium Crystalline,							

REMARKS:

24" ϕ Casing, 0.0'-25.0'. 18" ϕ Casing, 0.0'-650.0'

LOG OF BORING NO. #11 (Cont.)**TEST DRILLING SERVICE CO.**

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2500 DRILLING SERVICE DR.
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PROJECT CITY OF PITTSBURG, KANSAS, WELL #11JOB NO. 80-099BORING LOCATION Free King Road, Pittsburg, KansasSURFACE EL. 891.6'DATE: (START) 12-11-80(FINISH) 12-30-80RIG: 739INSPECTOR: D. Taylor

DEPTH	FROM	TO	CLASSIFICATION	DATE	TIME	CORE RUN		TOTAL RUN	RECOVERY	
						FROM	TO		TOTAL	%
			Abundant Chert up to 50% in places, Rough Drilling,							
			Moderate to Weak Oxidation,							
			Abundant Water from Cherty Zones							
390.0		450.0	LIMESTONE (Pierson Formation?), Gray, Finely Crystalline,							
			<1% Chert, Weak Oxidation							
450.0		475.0	SHALE (Northview Formation?), Greenish Gray, Dense							
475.0		505.0	LIMESTONE (Compton Formation?), Gray to Brownish Gray, Finely Crystalline, weak Oxidation							
			LIMESTONE DOLOMITE (Cotter-Jefferson City Formation?), Light Gray to Gray, Finely Crystalline							
505.0		750.0								

REMARKS:

ST. LOUIS COUNTY

JOB NO. 80-099

SURFACE EL. 891.6'

INSPECTOR: D. Taylor

[illegible]
