	****	ER WELL RECORD FO	orm WWC-5 KSA 82	a-1212	
LOCATION OF WATER WE County: Crawford	LL Eraction 5W 1/4	SE _{1/4} SE	Section Numbe 28	Township Number	Range Number
Distance and direction from ne 800' South of			Street address of well	if located within city? Fre Pittsburg, Ka	eking Road
	CITY OF PITTS	CRIDC VANCAC			
RR#, St. Address, Box # :	OIII OF TILL	DUNG, KANSAS		Board of Agriculture, I	Division of Water Resource
City, State, ZIP Code :				Application Number:	
DEPTH OF COMPLETED	WELL 1050 ft. E	Bore Hole Diameter 22	2 in. to 6.5	50 ft., and 15	. in. to 1050
Vell Water to be used as:	5 Public water		8 Air conditioning	11 Injection well	
1 Domestic 3 Feedlot	6 Oil field water		9 Dewatering	12 Other (Specif	v below)
2 Irrigation 4 Industrial			10 Observation well		,
			1s.t	nonth22nd	lav 1981 ve
Pump Test Data	: Well water was	352.98 ft. after	10 min.	hours pumping 2 , 20	0
Est. Yield g		352.98 ft. after	12	hours pumping 2,20	0 gp
TYPE OF BLANK CASING	USED:	5 Wrought iron	8 Concrete tile	Casing Joints: Glued	d Clamped
	RMP (SR)	6 Asbestos-Cement			edX
0.000	ADC	7 Fiberglass		Thurs	4.4
Blank casing dia 24'' ø	in to 25'	ft. Dia 18''	ϕ in to 650	ft., Dia	. in. to
Casing height above land surfa	ace 1.5'	in. weight70).59	s./ft. Wall thickness or gauge f	375"
TYPE OF SCREEN OR PERF			7 PVC	10 Asbestos-ceme	
	Stainless steel	5 Fiberglass	8 RMP (SR)		
	Galvanized steel	6 Concrete tile	9 ABS	12 None used (op	
Screen or Perforation Opening				` '	11 None (open hole)
1 Continuous slot	3 Mill slot	6 Wire wr	• •	9 Drilled holes	Transition (open nois)
	4 Key punched	7 Torch c	• •	10 Other (specify)	
				ft., Dia	
Screen-Perforated Intervals:		ft. to			
creens enorated intervals.		ft. to	·		
Gravel Pack Intervals:		ft. to	·		
araver Fack IIILervais.	FIUIII				
GROUT MATERIAL:	From	ft. to	ft., From	ft. to	
	From 1 Neat cement X	ft. to 2 Cement grout	ft., From 3 Bentonite	ft. to Other 800 sacks	used
Grouted Intervals: From0	From 1 Neat cement X	ft. to 2 Cement grout	ft., From 3 Bentonite	ft. to Other 800 sacks	used ft to
Grouted Intervals: From0 What is the nearest source of	From 1 Neat cement X	ft. to 2 Cement grout 1 ft., From	ft., From 3 Bentonite 4 tt. to 10 Fue	ft. to 1 Other 800 sacks ft., From 1 storage 14 A	used ft. tobandoned water well
Grouted Intervals: From0 What is the nearest source of 1 Septic tank	From 1 Neat cement X	ft. to 2 Cement grout 1 t., From 7 Sewage lagoo	ft., From 3 Bentonite 4	t. to 1 Other 800 sacks ft., From 1 storage 14 A dilizer storage 15 O	used ft. to bandoned water well well/Gas well
Grouted Intervals: From0 What is the nearest source of 1 Septic tank 2 Sewer lines	From 1 Neat cement X	ft. to 2 Cement grout 1 ft., From 7 Sewage lagoo 8 Feed yard	ft., From 3 Bentonite 4 to	t. to 1 Other 800 sacks	used
Grouted Intervals: From0 What is the nearest source of 1 Septic tank 2 Sewer lines 3 Lateral lines	From 1 Neat cement X	ft. to 2 Cement grout 1 ft., From 7 Sewage lagoo 8 Feed yard 9 Livestock pens	ft., From 3 Bentonite 4 to 10 Fue n 11 Fert 12 Inse	ft. to 1 Other 800 sacks ft., From 1 storage 14 A ilizer storage 15 C cticide storage X 16 O ertight sewer lines	tt. to
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Grouted Intervals: From	From 1 Neat cement X 1 to 650 1 possible contamination: 2 Cess pool 3 Seepage pit 3 Pit privy 4 How 2 sample submitted to Del	ft. to 2 Cement grout 1 ft., From 7 Sewage lagoo 8 Feed yard 9 Livestock pens 7 many feet . 150 partment? Yes . X	ft., From 3 Bentonite ft. to 10 Fue 11 Fert 12 Insee 13 Wat	t to Other 800 sacks ft., From I storage 14 A illizer storage X 16 O ertight sewer lines r Well Disinfected? Yes X No	used ft. to bandoned water well il well/Gas well ther (specify below) CreekNo
Grouted Intervals: From0 What is the nearest source of 1 Septic tank 2 Sewer lines 3 Lateral lines Direction from well East Was a chemical/bacteriological was submitted 1st	From 1 Neat cement X	ft. to 2 Cement grout 1. ft., From 7 Sewage lagoo 8 Feed yard 9 Livestock pens 7 many feet 150 partment? Yes X 1 day 81	ft., From 3 Bentonite ft. to 10 Fue 11 Fert 12 Inse 3 Hard Wat 13 Wat 14 Wate 15 Wate 16 Wate 17 Wate 18 Wate 19 Wate	ft. to 4 Other 800 sacks ft. From I storage 14 A ilizer storage X 16 O erticide storage X 16 O ertight sewer lines or Well Disinfected? Yes X No	tised ft. to bandoned water well il well/Gas well ther (specify below) CreekNoIf yes, date samp
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LOG OF BORING NO. #11

PHONE: (314) 291-1111 2500 DRILLING SERVICE DR. MARYLAND HEIGHTS, MO. 63043

	1 of 3	Page						
				50.0'	0.0'-6	l" ø Casing, 0.0'-25.0'. 18" ø Casing,	24"	
							ŘS.	REMARKS:
						Medium Crystalline,		
·						Gray to Light Brownish Gray		
						LIMESTONE (Reed Springs Formation?),	390.0	260.0
						No Water		
						<pre>< 1% Chert, Weak Oxidation,</pre>		
						Gray, Coarsley Crystalline,		
						LIMESTONE (Burlington Formation?),	260.0	185.0
						No Water		
						Moderate to Weak Oxidation,		
						Abundant Green Shale & Chert		
						Medium Crystalline with		
						Formation?), (185.0	145.0
						LENSES, Dark Gray, Competent, No Water		
					Y	SANDY SHALE with MINOR COAL & UNDERCL!	145.0	11.0
						at Contact)		
						SILTY CLAY, Brown, Damp (Minor Water	11.0	0.0
TOTAL %	RUN TO	ТО	FROM	1 181	7		Τ0	FROM
RECOVERY		CORE RUN -	CORE	TIME	האדב		НТ	DEPTH
Taylor	David T	INSPECTOR:		: 739	0 RIG:	(START) 12-11-80 (FINISH) 12-30-80	Æ:	DATE
891.6'	SURFACE EL. 89	SURFA			as	OCATION Free King Road, Pittsburg, Kansas	BORING LOCATION	
	NO. 80-099	JOB NO.				CITY OF PITTSBURG, KANSAS, WELL #11	PROJECT CI	PRC
				!	Υ':	ST. LOUIS COUNTY		
				MARTICAL	C 7.	11011 (014) 491-1111 2000 DIVIELING SERVI		

LOG OF BORING NO. #11 (Cont.)

TEST DRILLING SERVICE CO. 1111 2500 DRILLING SERVICE DR. MARY ST. LOUIS COUNTY

PHONE: (314) 291-1111 MARYLAND HEIGHTS, MO. 63043

PROJECT CITY OF PITTSBURG, KANSAS, WELL #11 BORING LOCATION Free King Road, Pittsburg, Kansas NO. 80-099 SURFACE EL. 891.6

DATE:	Œ;	(START) 12-11-80 (FINISH) 12-30-80	RIG:	739	=	INSPECTOR:	D. T.	Taylor	
DEPTH	TH		2 * 4 5	1145	CORE RUN	RUN	2	RECOVERY	/ERY
FROM	10		2	ו	FROM	10	RUN	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							
505.0	750.0	LIMESTONE DOLOMITE (Cotter-Jefferson							
		City Formation?), Light Gray							
		to Gray, Finely Crystalline							
REMARKS:	KS:								

Page 2 of

LOG OF BORING NO. #11 (CONT.) TEST DRILLING SERVICE CO. PHONE: (314) 291-1111 2500 DRILLING SERVICE DR. MARY

		2							
								ŘS:	REMARKS:
							Abundant Water		
							Weak Oxidation, Continued		
							Crystalline, ~1% to 1% Chert		
							Light Gray to Gray, Finely		
							DOLOMITE (Gasconade Formation?),	1050.0	865.0
							Oxidation, Abundant Water		
							2% to <1% Chert, Weak		
						9	Light Gray, Finely Crystallin		
							(Roubidoux Formation?),		
							800.0'-815.0' & 855.0'-860.0		
							DOLOMITE with Fine-Grained Sand Lenses	865.0	750.0
							tion, Minor Water		
							Up to 5% Chert, Weak Oxida-		
%	TOTAL	RUN	то	FROM		7		10	FROM
RECOVERY	RECO	TOTAL	RUN	CORE RUN	JWIT.	DATE	CLASSIFICATION	НТ	DEPTH
	Taylor	D. Tay	INSPECTOR:	7	739	RIG:	(START) 12-11-80 (FINISH) 12-30-80	m:	DATE
	891.6'	SURFACE EL. 891.6	SURF			as	ocation Free King Road, Pittsburg, Kansas	BORING LOCATION	
	99	JOB NO. 80-099	JOB NO.				CITY OF PITTSBURG, KANSAS, WELL #11	PROJECT C	PRO
		C	, MO. OJUTA	מיכת הבאשל חבוטרוט, איס. 20043	2	∀ i			
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