Distance and direction from nearest tow 11 mi N, 2 mi W of WATER WELL OWNER: Kansas of the state of the sta	n or city? Hudson Geological n, Kansas 45t. E 5 Public water s 6 Oil field water 7 Lawn and gart. below land Vell water was Vell water was N MATERIAL: steel ed steel Il slot ey punched in. to	G7576 Bore Hole Diameter supply r supply r supply rden only d surface measured on ft. after ft. after 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass ft., Dia in., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire w 7 Torch ft., Dia ft. to ft. to ft. to 4 ft. ft. to 2 Cement grout ft., From	Street address Water Manage 9.7/8 in. to 8 Air condition 9 Dewatering 10 Observation Jan. 8 Concrete 9 Other (sp in. to 8 RMP 9 ABS ed wrapped wrapped wrapped cut in. to 5 ft., ft., ft., ft., 3 Bentoniti	s of well if located well gement Distribution of the second secon	ict #5 oard of Agriculture, I pplication Number: and 11 Injection well Other (Specification of the companies) Imping Casing Joints Gluer Weld Three Dia Inickness or gauge Note the companies of	fy below) h day
Istance and direction from nearest tow 11 mi N, 2 mi W of WATER WELL OWNER Kansas (R#, St. Address, Box #: ity, State, ZIP Code	n or city? Hudson Geological n, Kansas 45t. E 5 Public water s 6 Oil field water 7 Lawn and gart. below land Vell water was Vell water was N MATERIAL: steel ed steel Il slot ey punched in. to	G7576 Bore Hole Diameter supply r supply r supply rden only d surface measured on ft. after ft. after 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass ft., Dia in., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire w 7 Torch ft., Dia ft. to ft. ft. ft. ft.	Street address water Manage 9.7/8 in to 8 Air condition 9 Dewatering 10 Observation Jan. 8 Concrete 9 Other (sp. in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	gement Distribution gement Distribution A A A A A A A A A A A A A	ict #5 oard of Agriculture, I pplication Number: and 11 Injection well Other (Specif Research 6 umping Casing Joints Gluer Weld Threa 10 Asbestos-ceme 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or gauge N 10 Asbestos-ceme 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or fauge N 10 Asbestos-ceme 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or fauge N 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or fauge N 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or fauge N 11 Other (specify) 12 None used (op cut ed holes or (specify) thickness or fauge N 11 Other (specify) thickness or fauge N 12 N 13 N 14 N 15 N 16	Division of Water Resource in. to fy below) h day . 83
WATER WELL OWNER: Kansas R#, St. Address, Box # ity, State, ZIP Code	Geological n, Kansas 45	Bore Hole Diameter supply r supply r supply rden only d surface measured on	9.7/8 in to 8 Air condition 9 Dewatering 10 Observation Jan 8 Concrete 9 Other (sp in to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in to 5 ft., ft., ft., 3 Bentonit	Bank A A A A A A A A A A A A A	polication Number: and	fy below) h day 83 yea gpr gpr ded aded. in to No Schd #40 ent h nonen hole) 11 None (open hole)
DEPTH OF COMPLETED WELL. Yell Water to be used as: 1 Domestic 3 Feedlot 2 Irrigation 4 Industrial Yell's static water level .20.7.5 Yell's static water level .20.7. Yell's static water level	.45ft. E 5 Public water s 6 Oil field water 7 Lawn and garft. below land /ell water was /ell water w	Bore Hole Diameter supply r supply r supply rden only d surface measured on	8 Air condition 9 Dewatering 10 Observation Jan. 8 Concrete 9 Other (sp. in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5 ft., ft., ft., 3 Bentoniti	ning n well month hours pu hours pu tile pecify below) ft., lbs./ft. Wall t (SR) 8 Saw 9 Drille 10 Othe ft. From From From From From	Other (Specification well content of the content of	fy below) h day
1 Domestic 3 Feedlot 2 Irrigation 4 Industrial fell's static water level .20.7.5 ump Test Data : Wast. Yield :	6 Oil field water 7 Lawn and gar ft. below land Vell water was Note 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	r supply rden only d surface measured on ft. after ft. after 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass ft., Dia in., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire w 7 Torch ft., Dia ft. to ft. to ft. to 4 ft. ft. to 2 Cement grout ft., From	9 Dewatering 10 Observation Jan. 8 Concrete 9 Other (sp. in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	n well	Casing Joints Gluer Weld Threa Dia Hickness or gauge N 10 Asbestos-ceme 11 Other (specify) 12 None used (op cut and holes or (specify) Dia ft. to ft. to ft. to	fy below) h day
2 Irrigation 4 Industrial Vell's static water level .20 .7.5 Vell	7 Lawn and gar ft. below land ft. below land ft. below land fell water was followed water was find to 15 miles for the ft. to 10 miles ft. to	rden only d surface measured on	8 Concrete 9 Other (sp. in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5 ft., ft., 3 Bentonit	month hours pundours pundo	Casing Joints Gluer Weld Three Dia Chickness or gauge for 10 Asbestos-ceme 11 Other (specify) 12 None used (opecuted holes or (specify) This is to the content of the conte	day 83 yea gpr gpr ded aded in to No Schd #40 ent Den hole) 11 None (open hole)
Vell's static water level 20.7.5 Pump Test Data : Water level gpm: Water	to	d surface measured on	8 Concrete 9 Other (sp in. to in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5. ft., ft., ft., 3 Bentoniti	month hours pundours pundo	Casing Joints Gluer Weld Three Dia Chickness or gauge for 10 Asbestos-ceme 11 Other (specify) 12 None used (opecuted holes or (specify) This is to the content of the conte	day 83 yea gpr gpr ded aded in to No Schd #40 ent Den hole) 11 None (open hole)
Type Of Blank Casing Used: 1 Steel 3 RMP (SF 4 ABS) Blank casing dia	Vell water was Vell w	ft. after ft. after ft. after ft. after 5 Wrought iron 6 Asbestos-Cement 7 Fiberglassft., Diain., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire w 7 Torch ft., Diaft. to	8 Concrete 9 Other (sp in. to in. to 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	hours punctile pecify below) ft., ft., lbs./ft. Wall the second	mping. Casing Joints Gluer Weld Three Dia hickness or gauge 1 10 Asbestos-ceme 11 Other (specify) 12 None used (op cut ed holes or (specify) Dia ft. to ft. to ft. to	gpr gpr ded
TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SF 2 PVC 4 ABS Blank casing dia 5 in. Casing height above land surface TYPE OF SCREEN OR PERFORATION 1 Steel 3 Stainless 2 Brass 4 Galvanize 3 Creen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 4 Ke Coreen-Perforated Intervals: From Gravel Pack Intervals: From Gravel Pack Intervals: From Grouted Intervals: From Grouted Intervals: From What is the nearest source of possible of 1 Septic tank 4 Cess 2 Sewer lines 5 Seepa a Lateral lines 6 Pit pri Direction from well	to	ft. after 5 Wrought iron 6 Asbestos-Cement 7 Fiberglassft., Diain., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire w 7 Torchft. to	8 Concrete 9 Other (sp in. to in. to 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	hours put tile pecify below)	Casing Joints Glue Weld Three Dia Thickness or gauge N 10 Asbestos-ceme 11 Other (specify) 12 None used (op- cut ed holes or (specify) Thickness or gauge N 10 Asbestos-ceme 11 Other (specify) 12 None used (op- cut 11 Other (specify) 12 None used (op- cut 13 Thickness or gauge N 14 Thickness or gauge N 15 Thickness or gauge N 16 Thickness or	gpr Clamped ded aded in to No Schd #40 ent Den hole) 11 None (open hole)
TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SF 2 PVC 4 ABS Blank casing dia	to 35 N MATERIAL: steel ed steel ed steel el ed steel el	6 Asbestos-Cement 7 Fiberglassft., Diain., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire v 7 Torchft. to41	9 Other (sp. in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	secify below)	Weld Threa Dia Dia Other (specify) Dia None used (open del holes Office (specify) Threa Dia Thre	ded
lank casing dia	to 35 N MATERIAL: steel ed steel ed steel el ed steel el	7 Fiberglassft., Diain., weight 5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire v 7 Torchft. to4!ft. to4!ft. to4!ft. to4!ft. to4!ft. to4!ft. to4!ft. to4!ft. to4!ft. to4!	in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	secify below)	Weld Threa Dia Dia Other (specify) Dia None used (open del holes Office (specify) Threa Dia Thre	ledaded
Blank casing dia	N MATERIAL: steel ed steel If slot ey punched in. to	5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire v 7 Torch ft., Dia ft. to	in. to 7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5		Dia thickness or gauge for the content of the	in. to No Schd: #40 ent ent no hole 11 None (open hole) in to
Blank casing dia	N MATERIAL: steel ed steel If slot ey punched in. to	5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire v 7 Torch ft., Dia ft. to	7 PVC 8 RMP 9 ABS ed wrapped wrapped cut in. to 5	(SR) 8 Saw 9 Drille 10 Othe	thickness or gauge for 10 Asbestos-cemes 11 Other (specify) 12 None used (opecuted holes for (specify)	No Schd #40 ent) cen hole) 11 None (open hole) in to
1 Steel 3 Stainless 2 Brass 4 Galvanize 3 Creen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 4 Ke 3 Creen-Perforated Intervals: 3 From. 6 Gravel Pack Intervals: 5 From. 6 GROUT MATERIAL: 6 Grouted Intervals: From. 7 From 8 From. 8 From. 8 From. 9 GROUT MATERIAL: 1 Septic tank 4 Cess 2 Sewer lines 5 Seepa 3 Lateral lines 6 Pit pri 8 Direction from well. 8 Mas a chemical/bacteriological sample services	MATERIAL: steel ed steel If slot ey punched in. to	5 Fiberglass 6 Concrete tile 5 Gauze 6 Wire v 7 Torch ft., Dia ft. to	8 RMP 9 ABS ed wrapped wrapped cut	(SR) 8 Saw 9 Drille 10 Othe	10 Asbestos-ceme 11 Other (specify) 12 None used (opcut ed holes or (specify)	ent) pen hole) 11 None (open hole) in to
1 Steel 3 Stainless 2 Brass 4 Galvanize 3 Green or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 4 Ke 3 Green-Perforated Intervals: 3 Mi 2 Louvered shutter 5 From. 6 Gravel Pack Intervals: 6 GROUT MATERIAL: 7 Grouted Intervals: From. 8 GROUT MATERIAL: 9 GROUT MATERIAL: 1 Septic tank 4 Cess 2 Sewer lines 5 Seepa 3 Lateral lines 6 Pit pri 6 Direction from well Was a chemical/bacteriological sample seepasters	steel ed steel Il slot ey punched in. to	6 Concrete tile	8 RMP 9 ABS ed wrapped wrapped cut	8 Saw 9 Drille 10 Othe	11 Other (specify) 12 None used (op cut ed holes er (specify)	pen hole) 11 None (open hole)in to
2 Brass 4 Galvanize Screen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 4 Ke Screen-Perforation Dia 5 Screen-Perforated Intervals: From From From Gravel Pack Intervals: From From From From Screen Intervals: From Screen Intervals: From From From Gravel Pack Intervals: From From From From Gravel Intervals: From Openitor	ed steel If slot ey punched in. to	6 Concrete tile	9 ABS ed wrapped wrapped cut	8 Saw 9 Drille 10 Othe	12 None used (opecut and holes or (specify)	pen hole) 11 None (open hole) in to
Screen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 4 Ke Screen-Perforation Dia	Il slot ey punched in. to	5 Gauze 6 Wire v 7 Torchft., Dia	wrapped cut in. to 5	9 Drille 10 Othe	cut ed holes er (specify)	11 None (open hole) in to
1 Continuous slot 2 Louvered shutter 3 Mi 2 Louvered shutter 5 Green-Perforation Dia	ey punched in. to	7 Torchft., Diaft. to	cut in. to 5	10 Otheft. From From From From	or (specify)	in to
2 Louvered shutter 4 Ke Screen-Perforation Dia	ey punched in. to	7 Torchft., Diaft. to	cut in. to 5	ft.	., Dia	in to
Green-Perforation Dia	in. to	ft. to	5	ft.	., Dia	in to
Green-Perforated Intervals: From. Gravel Pack Intervals: GROUT MATERIAL: Grouted Intervals: From. O. What is the nearest source of possible of 1 Septic tank 2 Sewer lines 3 Lateral lines 6 Pit pri Direction from well. Was a chemical/bacteriological sample services	26	ft. to	5	From	ft. to ft. to ft. to	
From. Gravel Pack Intervals: Gravel Pack Intervals: From From GROUT MATERIAL: Grouted Intervals: From. O. What is the nearest source of possible of 1 Septic tank 1 Septic tank 2 Sewer lines 3 Lateral lines 6 Pit pri Direction from well. Was a chemical/bacteriological sample services	ement	ft. to	5 ft., ft., ft., 3 Bentonit	From		
From GROUT MATERIAL: Grouted Intervals: From	ement . ft. to 10	ft. to 2 Cement grout) ft., From	ft., 3 Bentonit	From	ft. to	
GROUT MATERIAL: Grouted Intervals: From	. ft. to 10	2 Cement grout	3 Bentonit			
Grouted Intervals: From	. ft. to 10) ft., From		e 4 Other		
What is the nearest source of possible of 1 Septic tank 4 Cess 2 Sewer lines 5 Seepa 3 Lateral lines 6 Pit pri Direction from well			ft. t			
1 Septic tank 4 Cess 2 Sewer lines 5 Seepa 3 Lateral lines 6 Pit pri Direction from well	contamination:					
2 Sewer lines 5 Seepa 3 Lateral lines 6 Pit pri Direction from well				10 Fuel storage		Abandoned water well
3 Lateral lines 6 Pit pri Direction from well	•	7 Sewage lago	oon	11 Fertilizer storag12 Insecticide storag	•	Dil well/Gas well
Direction from well	, , ,		8 Feed yard		•	Other (specify below)
Was a chemical/bacteriological sample s		9 Livestock pe		13 Watertight sew		
was a chemical/bacteriological sample s	How	w many feet		.? Water Well Disi	niected? Yes	
	submitted to Del	partment? Yes				ir yes, date samp
was submitted						
Depth of Pump Intake						
Type of pump: 1 Submers		2 Turbine	• •	•	5 Reciprocatin	•
CONTRACTOR'S OR LANDOWNER			3 Jet			
completed on $July$						ye
and this record is true to the best of my						•
This Water Well Record was completed	_			day	83 m	assunder the busine
name of			by (signature)	Vatrich	MCC	ill
LOCATE WELL'S LOCATION FRO	ом то	LITHOLOG	SIC LOG	FROM	TO L	LITHOLOGIC LOG
WITH AN "X" IN SECTION						
BOX:						
N				About about 1		
NW NE			THE ESTIMATE THE VALUE OF A COLUMN THE WAY WAS THE COLUMN TO A COL			
₩ W E				. All Add		
- 					Marin 1971 - Annual 1971 -	NO AMBODIAN DE ROMOTTORIAS ARRESTOTO
sw se						
<u>†</u>						
1 Mile —						
ELEVATION: 1855						
Depth(s) Groundwater Encountered 1		2 ft. 3	ft. 4	ft.	(Use a second sh	neet if needed)
NSTRUCTIONS: Use typewriter or ball copies to Kansas Department of Health a			T clearly Please	fill in blanks, underli	ne or circle the corre	ect answers. Send top thre

BIG BEND GMD#5-KGS WATER QUALITY OBSERVATION WELL NETWORK

SITE NUMBER : 22(KP4) SITE LOCATION: NW SW SW LEGAL LOCATION: 6-21-12W COUNTY : STAFFORD

WELL LOG

FROM	TO	LITHOLOGIC LOG OWNER: CAREY				
0	5	topsoil				
_5	14	gray silt				
14	16	tan clay & some gray silt, some fine sand				
16	21	tan clay				
21	32	very fine sand				
32	33	very lightish yellow/white clay				
33	43	gravel and very coarse sand				
43	44	gravel and tan clay				
44	48	very coarse sand & gravel, some clay(poss. above				
48	53	very coarse sand to coarse gravel				
53	57	same, but a trace of tan clay				
57	68	very coarse sand and gravel				
_68	87	same, occasional trace of tan/yellow clay				
87	90	same as 57-68'				
90	92	tan clay and gravel				
92	98	very coarse sand and gravel				
98	104	same, with yellow clay				
104	107	fine to med gravel, some yellow clay				
107	113	coarse sand/med gravel, tan clay				
113	119	yellow brown clay				
119	151	med to coarse sand/fine gravel				
151	152	gray clay and sand				
152	153	coarse sand				
153	158	tan and yellow clay				
158	178	same, with occasional gravel zones				
178	190	tan clay, fine sand				
190	21625	coarse sand and gravel				
216	236	redbed PERMIAN shale				
		(N)				
		$\begin{pmatrix} 3 \end{pmatrix} \begin{pmatrix} 2 \end{pmatrix} \begin{pmatrix} 1 \end{pmatrix}$				
		35'/10' 206'/5' 231'/5'				
		TD=45' TD=211' TD=236'				

215

SITE NUMBER : 22 (KP4)

SITE LOCATION : NW SW SW

LEGAL LOCATION: SEC6 T21S R12W

COUNTY : STAFFORD

LANDOWNER: FRANCIS CAREY

ADDRESS : 112 East 2nd

ELLINWOOD, KANSAS 67526

PHONE NO.: 316-564-2567

