

OFFICE USE ONLY

T

21

R

12

EW

SEC

6

1/4

1/4

1/4

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1/4

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Stafford	NW 1/4 SW 1/4 SW 1/4	6	T 21 S	R 12 EW

Distance and direction from nearest town or city? **11 mi N, 2 mi W of Hudson**

Street address of well if located within city?

2 WATER WELL OWNER: **Kansas Geological Survey/Groundwater Management District #5**

RR#, St. Address, Box # : _____ Board of Agriculture, Division of Water Resources

City, State, ZIP Code : **St. John, Kansas 67576** Application Number: _____

3 DEPTH OF COMPLETED WELL... **236**...ft. Bore Hole Diameter... **9 7/8**... in. to... **236**... ft., and... in. to... ft.

Well Water to be used as:

1 Domestic	3 Feedlot	6 Oil field water supply	9 Dewatering	11 Injection well
2 Irrigation	4 Industrial	7 Lawn and garden only	10 Observation well	12 Other (Specify below)
				Research

Well's static water level... **24.3**... ft. below land surface measured on... **Jan.**... month... **6**... day... **83**... year

Pump Test Data : Well water was... ft. after... hours pumping... gpm

Est. Yield gpm: Well water was... ft. after... hours pumping... gpm

4 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Casing Joints: Glued ... Clamped... Welded... Threaded...
2 PVC	4 ABS	7 Fiberglass		

Blank casing dia... **5**... in. to... **231**... ft., Dia... in. to... ft., Dia... in. to... ft.

Casing height above land surface... in., weight... lbs./ft. Wall thickness or gauge No. **Schd #40**

TYPE OF SCREEN OR PERFORATION MATERIAL:

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:

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	
		7 Torch cut	10 Other (specify)	

Screen-Perforation Dia... **5**... in. to... **231**... ft., Dia... in. to... ft., Dia... in. to... ft.

Screen-Perforated Intervals: From... **231**... ft. to... **236**... ft., From... ft. to... ft., From... ft. to... ft.

Gravel Pack Intervals: From... **230**... ft. to... **236**... ft., From... ft. to... ft., From... ft. to... ft.

5 GROUT MATERIAL: **1** Heat cement 2 Cement grout 3 Bentonite 4 Other

Grouted Intervals: From... **160**... ft. to... **230**... ft., From... **0**... ft. to... **10**... ft., From... ft. to... ft.

What is the nearest source of possible contamination: **not known**

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)
			13 Watertight sewer lines	

Direction from well... How many feet... ? Water Well Disinfected? Yes... **No**

Was a chemical/bacteriological sample submitted to Department? Yes... **No** If yes, date sample was submitted... month... day... year: Pump Installed? Yes... **No**

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... **August**... month... **3**... day... **81**... year

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... month... **27**... day... **83**... year under the business name of _____ by (signature) **Patrick M Cobb**

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG	
		0	21	soil, clay, silt - tan & gray	153	178	gray sandy clay	153	178	gray sandy clay	153	178
21		32	fine sand	151	152	coarse sand	152	153	coarse sand	152	153	coarse sand
32		33	white clay	152	153	tan and yellow clay, occasional gravel stringers 158-178	153	178	tan and yellow clay, occasional gravel stringers 158-178	153	178	tan and yellow clay, occasional gravel stringers 158-178
33		90	sand/gravel, minor clay lenses	178	190	tan sandy clay	178	190	tan sandy clay	178	190	tan sandy clay
90		92	tan clay	190	216	coarse sand/fine gravel	190	216	coarse sand/fine gravel	190	216	coarse sand/fine gravel
92		113	sand/gravel, some tan clay	216	236	red siltstone	216	236	red siltstone	216	236	red siltstone
113		119	yellow-brown clay	216	236	red siltstone	216	236	red siltstone	216	236	red siltstone
119	151	coarse sand/fine gravel, some clay stringers										

ELEVATION: **1855**

Depth(s) Groundwater Encountered 1... ft. 2... ft. 3... ft. (Use a second sheet if needed)

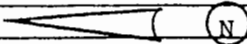

INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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

SITE NUMBER : 22(KP4)
SITE LOCATION: NW SW SW

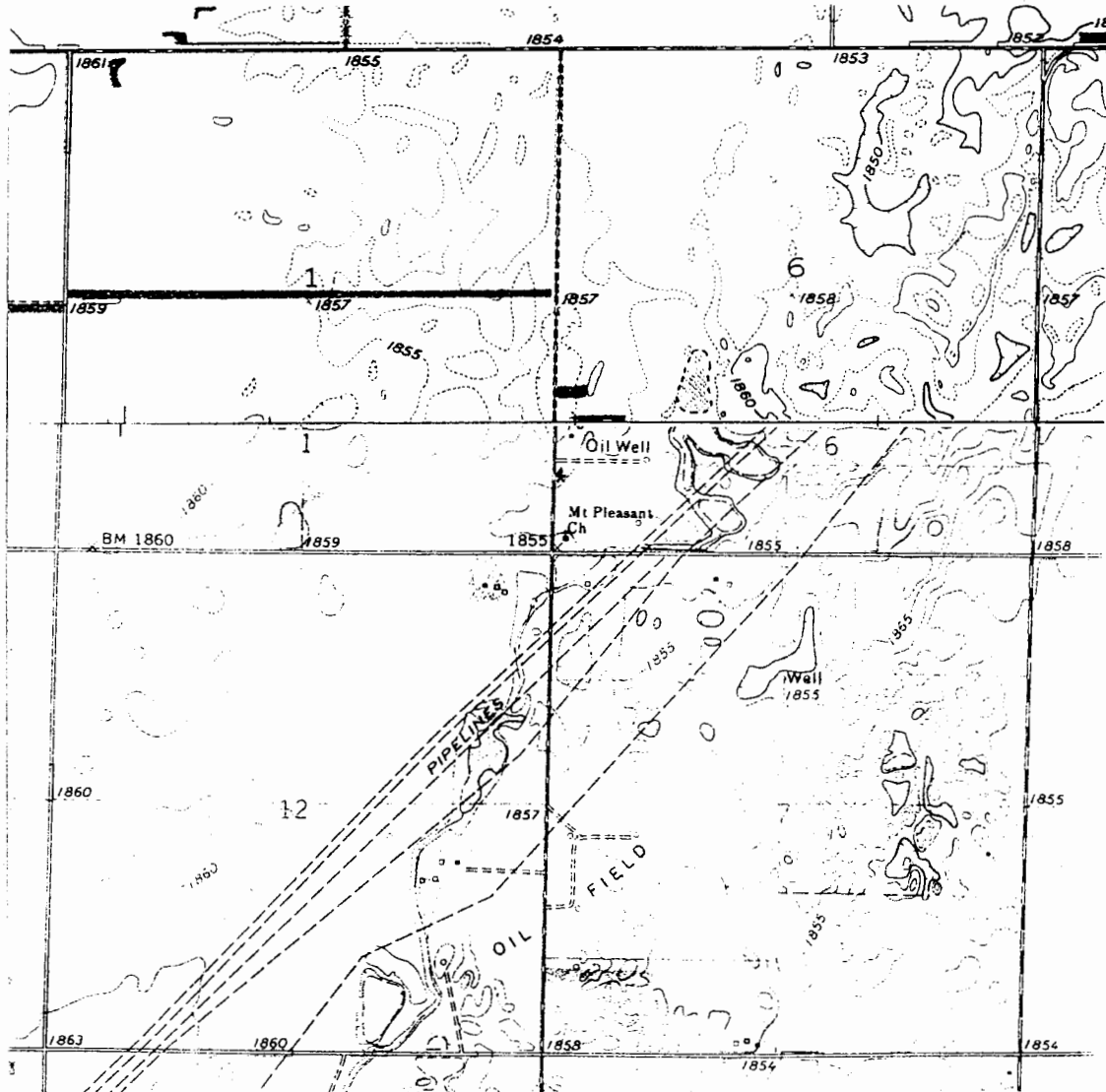
LEGAL LOCATION: 6-21-12W
COUNTY : STAFFORD

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	216 ²¹⁵	coarse sand and gravel							
²¹⁵ 216	236	redbed PERMIAN shale							
									
									
<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">35'/10'</td> <td style="text-align: center;">206'/5'</td> <td style="text-align: center;">231'/5'</td> </tr> <tr> <td style="text-align: center;">TD=45'</td> <td style="text-align: center;">TD=211'</td> <td style="text-align: center;">TD=236'</td> </tr> </table>				35'/10'	206'/5'	231'/5'	TD=45'	TD=211'	TD=236'
35'/10'	206'/5'	231'/5'							
TD=45'	TD=211'	TD=236'							

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



WELL LOCATION *