

Site #1(3)

WATER WELL RECORD

Form WWC-5

KSA 82a-1212

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number										
County: <u>Stafford</u>		NE 1/4 NE 1/4 NW 1/4		<u>12</u>		T <u>23</u> S		R <u>12</u> E										
Distance and direction from nearest town or city street address of well if located within city? <u>3 1/2 mi E, 2 mi S of Hudson</u>																		
2 WATER WELL OWNER: <u>KGS/GWMD#5</u>																		
RR#, St. Address, Box # :					Board of Agriculture, Division of Water Resources													
City, State, ZIP Code :					Application Number:													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL: <u>40</u> ft. ELEVATION: <u>1827</u>															
N 1 Mile W E S <table border="1" style="margin: auto; text-align: center;"><tr><td> </td><td>X</td><td> </td></tr><tr><td>NW</td><td> </td><td>NE</td></tr><tr><td>SW</td><td> </td><td>SE</td></tr></table>				X		NW		NE	SW		SE	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.						
				X														
			NW		NE													
			SW		SE													
			WELL'S STATIC WATER LEVEL <u>9.25</u> ft. below land surface measured on mo/day/yr <u>3/14/1979</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>8</u> in. to <u>40</u> ft., and in. to ft.																		
WELL WATER TO BE USED AS:																		
5 Public water supply 8 Air conditioning 11 Injection well																		
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)																		
2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well																		
Was a chemical/bacteriological sample submitted to Department? Yes <u>No</u> ; If yes, mo/day/yr sample was submitted																		
Water Well Disinfected? Yes <u>No</u>																		
5 TYPE OF BLANK CASING USED:																		
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: <u>Glued</u> Clamped																		
2 <u>PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded																		
7 Fiberglass Threaded																		
Blank casing diameter <u>5</u> in. to <u>36</u> ft., Dia. in. to ft., Dia. in. to ft.																		
Casing height above land surface <u>12</u> in., weight lbs./ft. Wall thickness or gauge No. <u>SCHD # 40</u>																		
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)																		
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-PERFORATED INTERVALS: From <u>36</u> ft. to <u>40</u> ft., 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., From ft. to ft.																		
6 GROUT MATERIAL: 1 <u>Neat cement</u> 2 Cement grout 3 Bentonite 4 Other																		
Grout intervals: From <u>0</u> ft. to <u>10</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 10 Livestock pens 14 Abandoned water well																		
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well																		
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)																		
13 Insecticide storage																		
Direction from well? How many feet?																		
FROM		TO		LITHOLOGIC LOG		FROM		TO		LITHOLOGIC LOG								
				See log from Site #1(1)														
				02														
				02														
				17														
				08														
				11														
				35														
				35														
				35														
				35														
				35														
				7														
				19														
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>June 7, 1978</u> 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 (mo/day/yr) <u>3/30/83</u> under the business name of by (signature) <u>Patrick M. Cobb</u>																		
INSTRUCTIONS: Use typewriter or ball point pen, <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> 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, Environmental Geology Section, 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

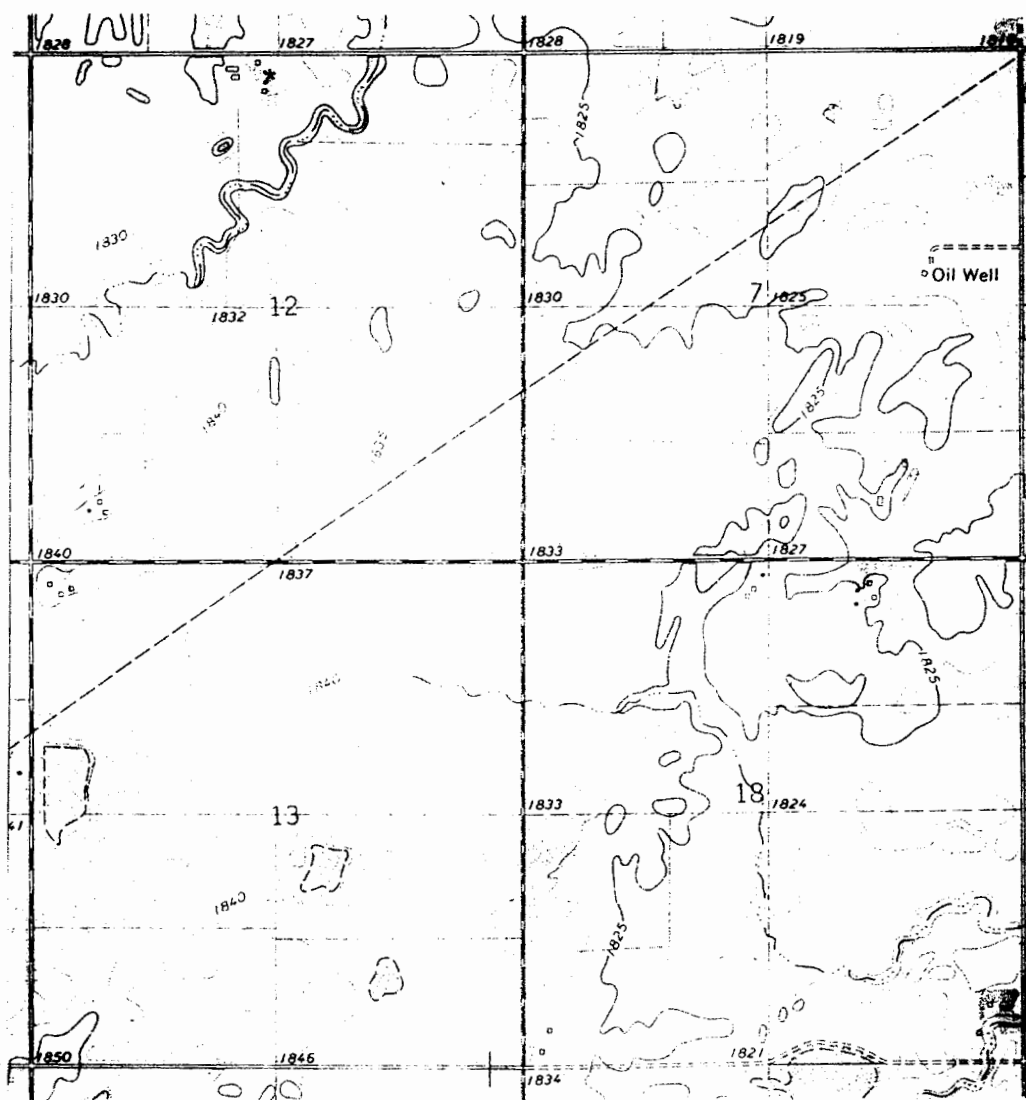
SITE NUMBER : 1	LEGAL LOCATION : 12-23-12W
SITE LOCATION: NE NE NW	COUNTY : STAFFORD
SAMPLING DATE: OCTOBER 1978	NUMBER OF WELLS: 3

WATER QUALITY ANALYSIS (mg./l)

	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	<u>15.3</u>	<u>15.0</u>	<u>14.3</u>	<u> </u>
SPECIFIC CONDUCTANCE umho @ 25 deg C.	<u>33,600</u>	<u>6700</u>	<u>397</u>	<u> </u>
pH	<u>7.2</u>	<u>7.4</u>	<u>7.6</u>	<u> </u>
CALCIUM (Ca):	<u>390</u>	<u>103</u>	<u>59</u>	<u> </u>
MAGNESIUM (Mg):	<u>165</u>	<u>32</u>	<u>4.7</u>	<u> </u>
POTASSIUM (K):	<u>14</u>	<u>4.6</u>	<u>2.5</u>	<u> </u>
SILICA (SiO ₂):	<u>22</u>	<u>21</u>	<u>19</u>	<u> </u>
SODIUM (Na):	<u>8974</u>	<u>1387</u>	<u>18</u>	<u> </u>
SAR:	<u>96</u>	<u>31</u>	<u>0.61</u>	<u> </u>
BICARBONATE (HCO ₃):	<u>202</u>	<u>223</u>	<u>203</u>	<u> </u>
CHLORIDE (Cl):	<u>13,268</u>	<u>2060</u>	<u>12</u>	<u> </u>
FLUORIDE (F):	<u>0.6</u>	<u>0.4</u>	<u>0.5</u>	<u> </u>
NITRATE (NO ₃):	<u>15</u>	<u>19</u>	<u>18</u>	<u> </u>
ORTHO-PHOSPHATE (PO ₄):	<u>0.14</u>	<u>0.65</u>	<u>0.27</u>	<u> </u>
SULFATE(SO ₄):	<u>1693</u>	<u>234</u>	<u>9.7</u>	<u> </u>
SULFIDE (S):	<u> </u>	<u> </u>	<u> </u>	<u> </u>
STRONTIUM (Sr):	<u>7.1</u>	<u>1.3</u>	<u>0.2</u>	<u> </u>

SITE NUMBER : 1
SITE LOCATION : NE NE NW
LEGAL LOCATION: SEC12 T23S R12W
COUNTY : STAFFORD

LANDOWNER: ARTHUR BRINKMAN
ADDRESS : 401 SOUTH UNION
STAFFORD, KS. 67578
PHONE NO.: 316-234-5976



WELL LOCATION *