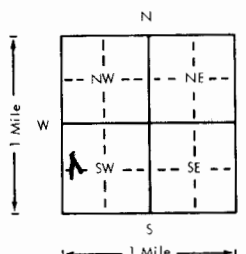


1 LOCATION OF WATER WELL		Fraction	Section Number		Township Number		Range Number	
County: Reno		SW 1/4	NW 1/4	SW 1/4	31	T 24 S	R 10 E	W
Distance and direction from nearest town or city? 3 mi W, 2-3/4 mi S of Sylvia					Street address of well if located within city?			
2 WATER WELL OWNER: KGS/GWMD#5								
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. 43 ft. Bore Hole Diameter. 10 in. to 43 ft. and in. to ft.								
Well Water to be used as:								
1 Domestic 3 Feedlot			5 Public water supply			8 Air conditioning		
2 Irrigation 4 Industrial			6 Oil field water supply			9 Dewatering		
7 Lawn and garden only			10 Observation well			11 Injection well		
						12 Other (Specify below) Research		
Well's static water level 10.6 ft. below land surface measured on October 22 month 22 day 1982 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)			5 Wrought iron		
2 PVC			4 ABS			6 Asbestos-Cement		
						7 Fiberglass		
						8 Concrete tile		
						9 Other (specify below)		
						Casing Joints: Glued <input checked="" type="checkbox"/> Clamped <input type="checkbox"/>		
						Welded <input type="checkbox"/>		
						Threaded <input type="checkbox"/>		
Blank casing dia 5 in. to 38 ft. Dia in. to ft. Dia in. to ft.								
Casing height above land surface 12 in., weight lbs./ft. Wall thickness or gauge No Schd. 40								
TYPE OF SCREEN OR PERFORATION MATERIAL:								
1 Steel			3 Stainless steel			5 Fiberglass		
2 Brass			4 Galvanized steel			6 Concrete tile		
						8 RMP (SR)		
						9 ABS		
						10 Asbestos-cement		
						11 Other (specify)		
						12 None used (open hole)		
Screen or Perforation Openings Are:								
1 Continuous slot			3 Mill slot			5 Gauzed wrapped		
2 Louvered shutter			4 Key punched			6 Wire wrapped		
						7 Torch cut		
						8 Saw cut		
						11 None (open hole)		
Screen-Perforation Dia 5 in. to 43 ft. Dia in. to ft. Dia in. to ft.								
Screen-Perforated Intervals: From 38 ft. to 43 ft. From ft. to ft. From ft. to ft.								
Gravel Pack Intervals: From 43 ft. to 35 ft. From ft. to ft. From ft. to ft.								
5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other								
Grouted Intervals: From 5 ft. to 1.45 ft. From ft. to ft. From ft. to ft.								
What is the nearest source of possible contamination: not determined								
1 Septic tank			4 Cess pool			7 Sewage lagoon		
2 Sewer lines			5 Seepage pit			8 Feed yard		
3 Lateral lines			6 Pit privy			9 Livestock pens		
						10 Fuel storage		
						11 Fertilizer storage		
						12 Insecticide storage		
						13 Watertight sewer lines		
						14 Abandoned water well		
						15 Oil well/Gas well		
						16 Other (specify below)		
Direction from well How many feet ? Water Well Disinfected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
Was a chemical/bacteriological sample submitted to Department? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, date sample was submitted month day year Pump Installed? Yes <input checked="" type="checkbox"/> No <input 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 August month 1 day 1979 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 Nov month 15 day 82 year under the business name of Patricia M. Cobb by (signature)								
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHOLOGIC LOG
		0	6	brown top soil				
		6	8	red clayey sand, fine to coarse				
		8	43	fine to coarse sand, gravel lenses				
				(abbreviated log)				
ELEVATION:								
Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. 4. 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 : 9
SITE LOCATION: SW NW SW
SAMPLING DATE: OCTOBER 1979

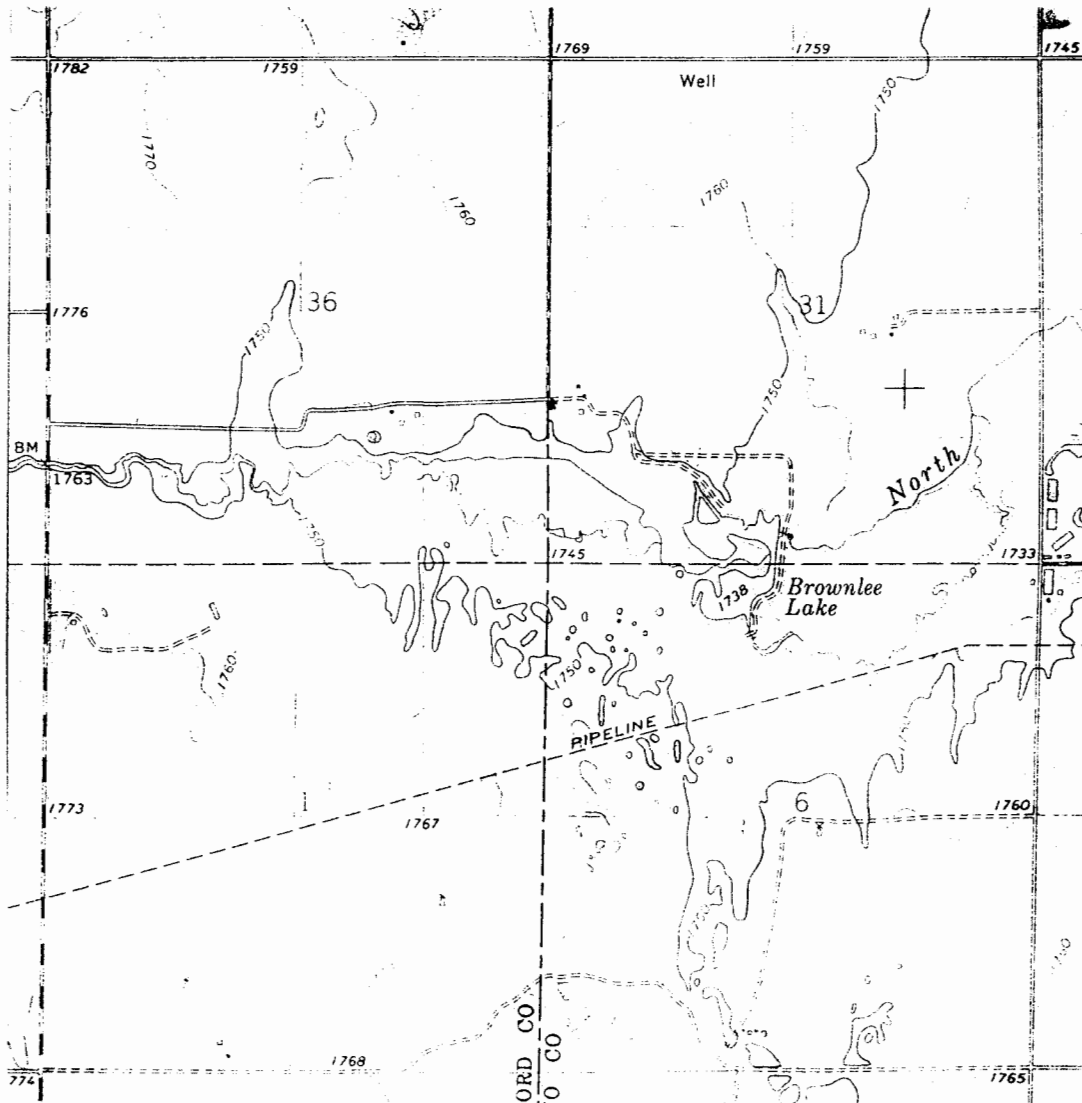
LEGAL LOCATION : 31-24-10W
COUNTY : RENO
NUMBER OF WELLS: 3

WATER QUALITY ANALYSIS (mg./l)

	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	<u>-</u>	<u>14.8</u>	<u>14.7</u>	<u> </u>
SPECIFIC CONDUCTANCE umho @ 25 deg C.	<u> </u>	<u> </u>	<u> </u>	<u> </u>
pH	<u>7.4</u>	<u>7.7</u>	<u>7.6</u>	<u> </u>
CALCIUM (Ca):	<u>278</u>	<u>173</u>	<u>151</u>	<u> </u>
MAGNESIUM (Mg):	<u>57</u>	<u>29</u>	<u>22</u>	<u> </u>
POTASSIUM (K):	<u>6.9</u>	<u>4.1</u>	<u>3.3</u>	<u> </u>
SILICA (SiO ₂):	<u>23</u>	<u>24</u>	<u>24</u>	<u> </u>
SODIUM (Na):	<u>1966</u>	<u>757</u>	<u>472</u>	<u> </u>
SAR:	<u> </u>	<u> </u>	<u> </u>	<u> </u>
BICARBONATE (HCO ₃):	<u>213</u>	<u>214</u>	<u>228</u>	<u> </u>
CHLORIDE (Cl):	<u>3086</u>	<u>1248</u>	<u>824</u>	<u> </u>
FLUORIDE (F):	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>	<u> </u>
NITRATE (NO ₃):	<u>12</u>	<u>12</u>	<u>15</u>	<u> </u>
ORTHO-PHOSPHATE (PO ₄):	<u>0.26</u>	<u>0.27</u>	<u>0.26</u>	<u> </u>
SULFATE (SO ₄):	<u>484</u>	<u>166</u>	<u>119</u>	<u> </u>
SULFIDE (S):	<u> </u>	<u> </u>	<u> </u>	<u> </u>
STRONTIUM (Sr):	<u>2.8</u>	<u>1.3</u>	<u>1.0</u>	<u> </u>

SITE NUMBER : 9
SITE LOCATION : SW NW SW
LEGAL LOCATION: SEC 31 T24S R10W
COUNTY : RENO

LANDOWNER: CLARENCE BROWNLEE
ADDRESS : RFD #2
STAFFORD, KANSAS 67578
PHONE NO.: 316-234-5968



WELL LOCATION *