

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 EW	
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... 91 ft. Bore Hole Diameter... 10 in. to... 91 ft., and... in. to... ft.									
Well Water to be used as:									
1 Domestic		3 Feedlot		5 Public water supply		8 Air conditioning		11 Injection well	
2 Irrigation		4 Industrial		6 Oil field water supply		9 Dewatering		12 Other (Specify below)	
		7 Lawn and garden only		<u>10 Observation well</u>				<u>Research</u>	
Well's static water level... 10.5 ft. below land surface measured on... October month... 22 day... 1982 year									
Pump Test Data									
Est. Yield		gpm:		Well water was		ft. after		hours pumping	
				ft. after				gpm	
4 TYPE OF BLANK CASING USED:									
1 Steel		3 RMP (SR)		5 Wrought iron		8 Concrete tile		Casing Joints: Glued ☒ Clamped	
<u>2 PVC</u>		4 ABS		6 Asbestos-Cement		9 Other (specify below)		Welded	
				7 Fiberglass				Threaded	
Blank casing dia... 5 in. to... 86 ft., Dia... in. to... ft., Dia... in. to... ft.									
Casing height above land surface... 16 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		<u>3 Mill slot</u>		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... 91 ft., Dia... in. to... ft., Dia... in. to... ft.									
Screen-Perforated Intervals:									
From... 86 ft. to... 91 ft.,		From... ft. to... ft.,		From... ft. to... ft.,		From... ft. to... ft.,		From... ft. to... ft.,	
Gravel Pack Intervals:									
From... 63 ft. to... 86 ft.,		From... ft. to... ft.,		From... ft. to... ft.,		From... ft. to... ft.,		From... ft. to... ft.,	
5 GROUT MATERIAL:									
<u>1 Neat cement</u>		2 Cement grout		3 Bentonite		4 Other			
Grouted Intervals: From... 63 ft. to... 20 ft., From... 5 ft. to... 1.5 ft., From... ft. to... ft.									
What is the nearest source of possible contamination: not determined									
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)	
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 <u>1</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on... July month... 25 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... by (signature) Patrick M. Cobb									
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM		TO		LITHOLOGIC LOG		FROM	
		20		6		brown top soil			
		6		8		red clayey sand, fine to coarse			
		8		61		fine to coarse sand, gravel lenses			
		61		80		fine to very fine sand, some interbedded pink clay		(abbreviated log)	
		80		91		silty red clay, some cementations upper portion - Permian			
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.									

OFFICE USE ONLY

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SEC.

31

SW 1/4 NW 1/4 SE 1/4

SITE NUMBER : 9
SITE LOCATION: SW NW SW

LEGAL LOCATION: 31-24-10W
COUNTY : RENO

[illegible]

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

SITE NUMBER : 9

LEGAL LOCATION : 31-24-10W

SITE LOCATION: SW NW SW

COUNTY : RENO

SAMPLING DATE: OCTOBER 1979

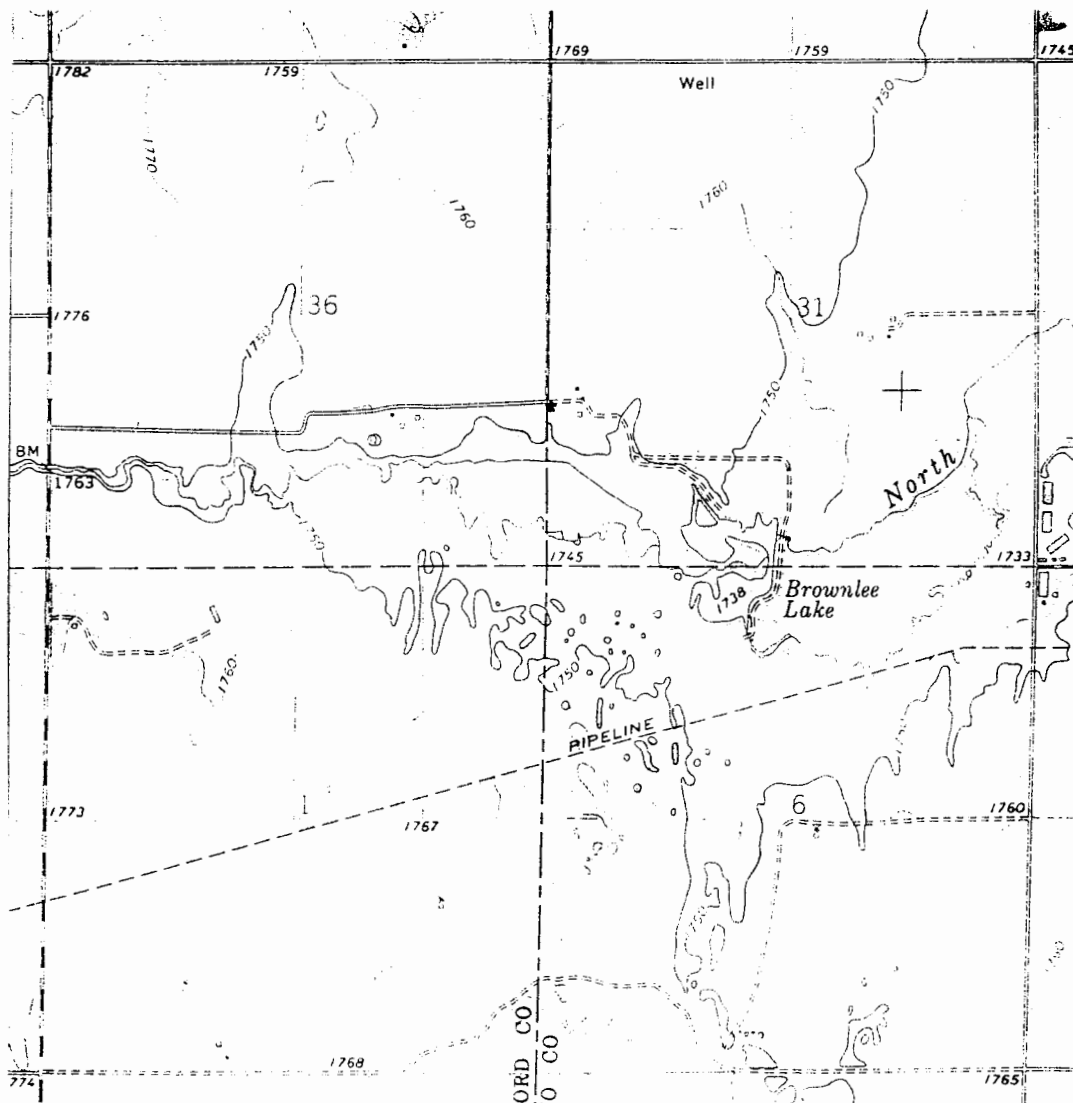
NUMBER OF WELLS: 3

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 *

