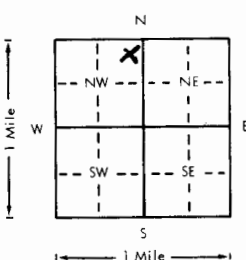


1 LOCATION OF WATER WELL		Fraction	Section Number	Township Number	Range Number		
County: Pratt		NE 1/4 NE 1/4 NW 1/4	12	T 29 S	R 14 E/W		
Distance and direction from nearest town or city? 2 mi N, 1 1/2 mi E of Cairo			Street address of well if located within city?				
2 WATER WELL OWNER: KGS/GWMD#5							
RR#, St. Address, Box #			Board of Agriculture, Division of Water Resources				
City, State, ZIP Code			Application Number:				
3 DEPTH OF COMPLETED WELL . . . . . 228 . . . . . ft. Bore Hole Diameter . . . . . 10 . . . . . in. to . . . . . 228 . . . . . 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	(10) Observation well				
Well's static water level . . . . . 99.9 . . . . . ft. below land surface measured on . . . . . January . . . . . month . . . . . 27 . . . . . day . . . . . 1983 . . . . . 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	8 Concrete tile	Casing Joints: (glued) Clamped		
(2) PVC		4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded		
			7 Fiberglass		Threaded		
Blank casing dia . . . . . 5 . . . . . in. to . . . . . 223 . . . . . 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)	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-Perforation Dia . . . . . 5 . . . . . in. to . . . . . 228 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.							
Screen-Perforated Intervals: From . . . . . 223 . . . . . ft. to . . . . . 228 . . . . . ft., From . . . . . ft. to . . . . . ft., From . . . . . ft. to . . . . . ft.							
Gravel Pack Intervals: From . . . . . 220 . . . . . ft. to . . . . . 228 . . . . . 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 . . . . . 220 . . . . . ft. to . . . . . 120 . . . . . ft., From . . . . . 0 . . . . . ft. to . . . . . 10 . . . . . ft., From . . . . . ft. to . . . . . ft.							
What is the nearest source of possible contamination:							
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 . . . . . October . . . . . month . . . . . 2 . . . . . day . . . . . 1980 . . . . . 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 . . . . . 3 . . . . . month . . . . . 30 . . . . . day . . . . . 1983 . . . . . 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	TO	LITHOLOGIC LOG
				See log from Site #14(1)	(01)		
					(02)		
					(04)		
					(07)		
					(20)		
					(19)		
ELEVATION: 1985.8							
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 : 14  
SITE LOCATION: NE NE NW

LEGAL LOCATION: 12-29-14W  
COUNTY : PRATT

## WELL LOG

[illegible]

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

SITE NUMBER :14  
SITE LOCATION:NW NW NE  
SAMPLING DATE:NOVEMBER 1980

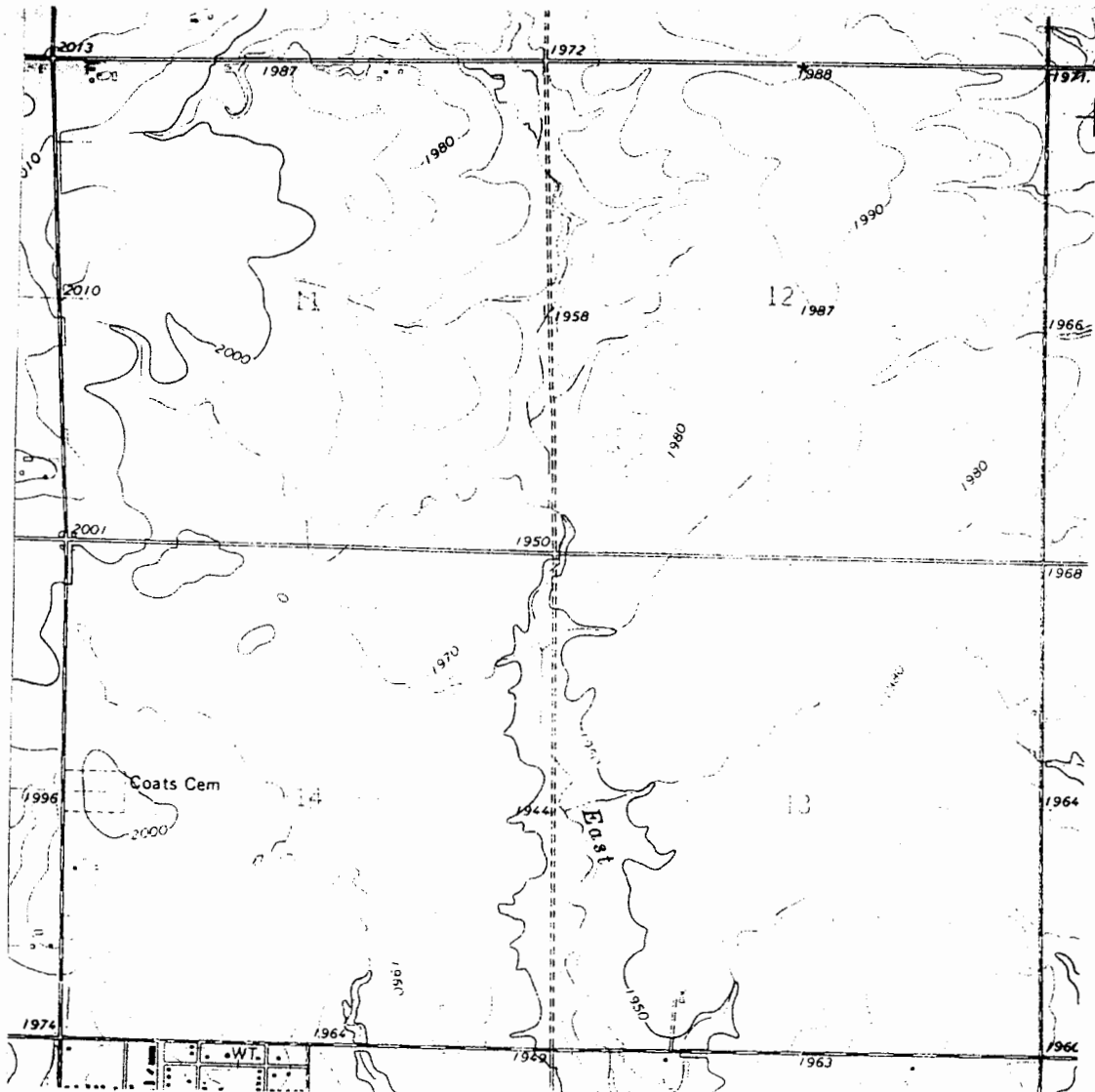
LEGAL LOCATION :12-29-14W  
COUNTY : PRATT  
NUMBER OF WELLS: 3

WATER QUALITY ANALYSIS

	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	<u>16.0</u>	<u>17.4</u>	_____	_____
SPECIFIC CONDUCTANCE umho @ 25 deg C.	<u>330</u>	<u>400</u>	_____	_____
pH	<u>8.3</u>	<u>8.2</u>	_____	_____
CALCIUM (Ca):	<u>50</u>	<u>45</u>	_____	_____
MAGNESIUM (Mg):	<u>4.2</u>	<u>5.1</u>	_____	_____
POTASSIUM (K):	<u>5.4</u>	<u>11</u>	_____	_____
SILICA (SiO <sub>2</sub> ):	<u>28</u>	<u>26</u>	_____	_____
SODIUM (Na):	<u>15</u>	<u>31</u>	_____	_____
SAR:	<u>0.5</u>	<u>1.2</u>	_____	_____
BICARBONATE (HCO <sub>3</sub> ):	<u>179</u>	<u>182</u>	_____	_____
CHLORIDE (Cl):	<u>8.1</u>	<u>20</u>	_____	_____
FLUORIDE (F):	<u>0.3</u>	<u>0.3</u>	_____	_____
NITRATE (NO <sub>3</sub> ):	<u>11</u>	<u>9.4</u>	_____	_____
ORTHO-PHOSPHATE (PO <sub>4</sub> ):	<u>0.28</u>	<u>0.63</u>	_____	_____
SULFATE(SO <sub>4</sub> ):	<u>8.6</u>	<u>21</u>	_____	_____
SULFIDE (S):	_____	_____	_____	_____
STRONTIUM (Sr):	<u>0.3</u>	<u>0.3</u>	_____	_____

SITE NUMBER : 14  
SITE LOCATION : NW NW NE  
LEGAL LOCATION: SEC12 T29S R14W  
COUNTY : PRATT

LANDOWNER: PAUL SHRIVER, TRUSTEE  
ADDRESS : COATS, KANSAS 67028  
PHONE NO.: 316-893-2457



WELL LOCATION \*