Site #12(3)

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Pratt | Fraction: SW ¼ SW ¼ SE ¼ | Section Number: 36 | Township Number: T 29 S | Range Number: R 11 E (W)

Distance and direction from nearest town or city? 4 mi E, ½ mi N, ½ mi E of Isabel

Street address of well if located within city?

2 WATER WELL OWNER: KGS/GWMD#5

RR#, St. Address, Box # :

City, State, ZIP Code :

Board of Agriculture, Division of Water Resources Application Number:

3 DEPTH OF COMPLETED WELL 70 ft. Bore Hole Diameter 10 in. to 70 ft., and ____ in. to ____ ft.

Well Water to be used as: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering (10) Observation well 11 Injection well 12 Other (Specify below)

Well's static water level 19.1 ft. below land surface measured on 1 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 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) Casing Joints: (Glued) Clamped Welded Threaded

Blank casing dia 5 in. to 60 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 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile (7) PVC 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 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

Screen-Perforation Dia 5 in. to 70 ft., Dia ____ in. to ____ ft., Dia ____ in to ____ ft.

Screen-Perforated Intervals: From 60 ft. to 70 ft., From ____ ft. to ____ ft.

From ____ ft. to ____ ft., From ____ ft. to ____ ft.

Gravel Pack Intervals: From 60 ft. to 70 ft., From ____ ft. to ____ 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 0 ft. to 10 ft., From ____ ft. to ____ ft., From ____ ft. to ____ ft.

What is the nearest source of possible contamination: Unknown

1 Septic tank 2 Sewer lines 3 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 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 (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 ____

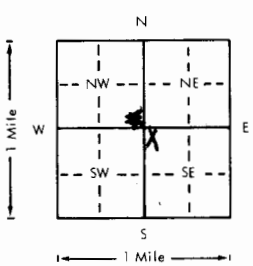
Depth of Pump Intake ____ ft. Pumps Capacity rated at ____ gal./min.

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 8 month 26 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 March month 23 day 1983 year under the business name of ____ by (signature) Patrick M Gold

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



ELEVATION:

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See log from Site #12(1)			

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 T 29 R 11 E (W) SEC. 36 SW ¼ SW ¼ SE ¼

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

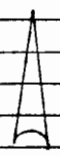
Acc

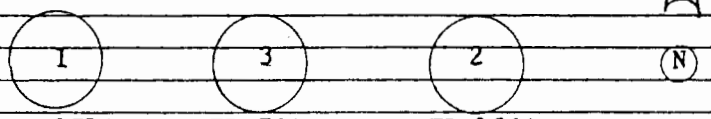
SITE NUMBER : 12 NE
SITE LOCATION: SW SW ~~SE~~

LEGAL LOCATION: 36-29-11W
COUNTY : PRATT

WELL LOG

FROM	TO	LITHOLOGIC LOG OWNER: ARMSTRONG
0	3	dark brown loamy soil
3	6	same with fine to med. sand
6	12	fine and med. sand with caliche
12	43	fine to very fine tan quartz sand
43	73	fine to extra fine qtz. arkosic sand with thin clay lenses
73	89	fine to coarse qtz. arkosic sand, very clean; some thin cemented (caliche) zones
89	141	cobbles of small boulders, gravel and sand with some yellowish clay stringers
141	~~145~~ 142	cobbles, sand and gravel
142 ~~145~~	175	mud turned red--PERMIAN





1	3	2
TD=171'	TD=70'	TD=136'
166'/5'	60'/10'	130'/6'

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

SITE NUMBER : 12
SITE LOCATION: SW SW NE
SAMPLING DATE: NOVEMBER 1980

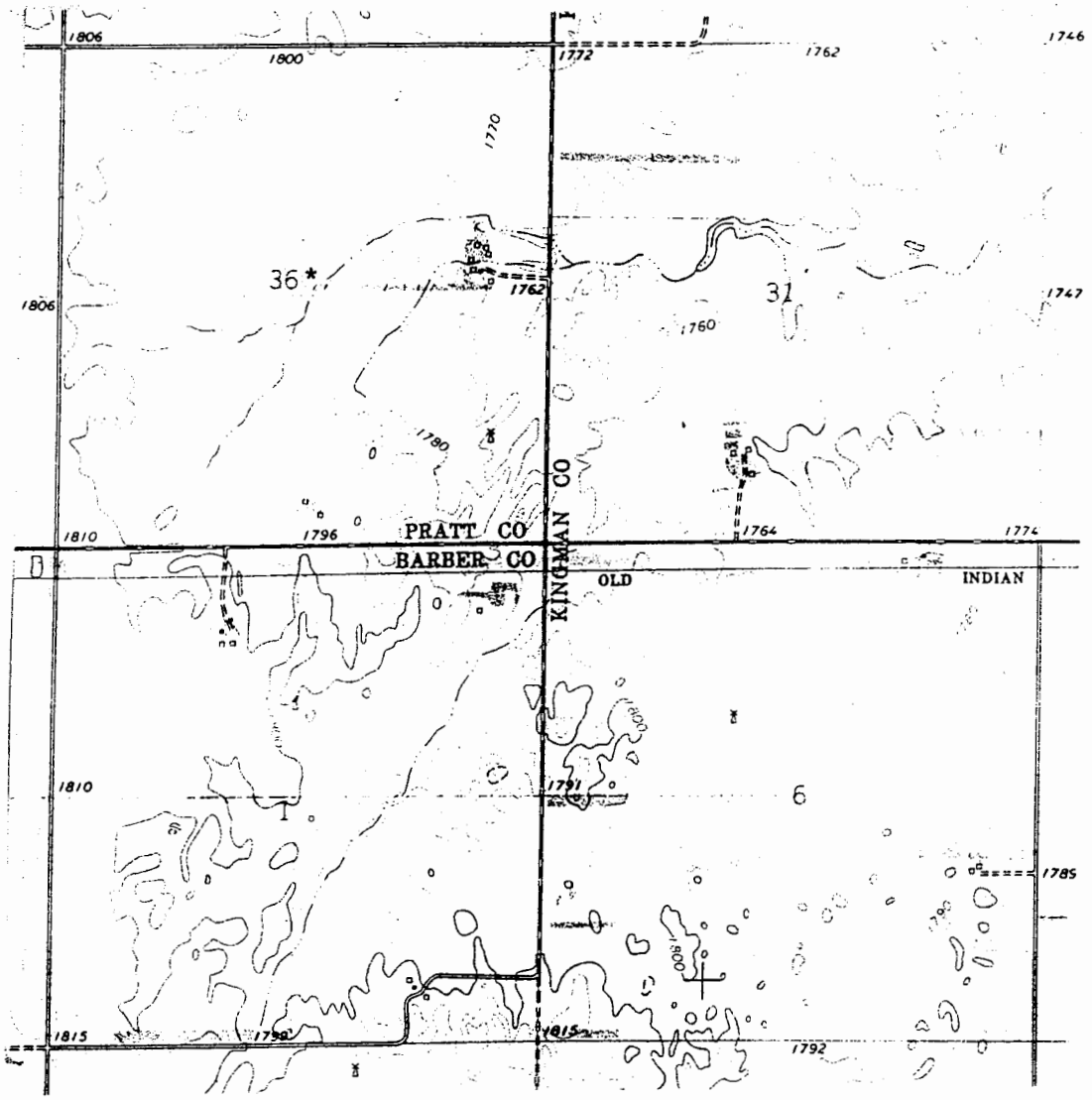
LEGAL LOCATION : 36-29-11W
COUNTY : PRATT
NUMBER OF WELLS: 3

WATER QUALITY ANALYSIS

	WELL#1	WELL#2	WELL#3	WELL#4
TEMPERATURE, C			16.2	
SPECIFIC CONDUCTANCE umho @ 25 deg C.			450	
pH			8.4	
CALCIUM (Ca):			60	
MAGNESIUM (Mg):			5.9	
POTASSIUM (K):			5.2	
SILICA (SiO_2):			24	
SODIUM (Na):			28	
SAR:			0.92	
BICARBONATE (HCO_3):			248	
CHLORIDE (Cl):			8.1	
FLUORIDE (F):			0.3	
NITRATE (NO_3):			14	
ORTHO-PHOSPHATE (PO_4):			0.5	
SULFATE(SO_4):			9.7	
SULFIDE (S):				
STRONTIUM (Sr):			0.2	

SITE NUMBER :	12
SITE LOCATION :	SW SW NE
LEGAL LOCATION:	SEC36 T29S R11W
COUNTY :	PRATT

LANDOWNER:	EARL ARMSTRONG
ADDRESS :	RURAL ROUTE
	ISABEL, KANSAS 67065
PHONE NO.:	316-739-4568



WELL LOCATION *