

Site 38, well #1

LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <u>Pratt</u>	<u>SE 1/4 SE 1/4 NE 1/4</u>	<u>36</u>	<u>T 26 S</u>	<u>R 12 EW</u>

Distance and direction from nearest town or city? 1/2 mile S., 1/4 mile W. of Preston
 Street address of well if located within city?

WATER WELL OWNER: KGS/GWMD5
 IR#, St. Address, Box # :
 City, State, ZIP Code :
 Board of Agriculture, Division of Water Resources
 Application Number:

DEPTH OF COMPLETED WELL: 209 ft. Bore Hole Diameter: 9 7/8 in. to ... ft., and ... in. to ...
 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)
Research
 Well's static water level: 33.3 ft. below land surface measured on Jan month 28 day 1983 year
 Pump Test Data: Well water was ... ft. after ... hours pumping ... gpm
 Est. Yield: Well water was ... ft. after ... hours pumping ... gpm

TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: X Glued X Clamped
2 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded
 Threaded
 Blank casing dia: 5 in. to ... ft., Dia ... in. to ... ft., Dia ... in. to ...
 Casing height above land surface: 16 in., weight ... lbs./ft. Wall thickness or gauge No. schedule 1120

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 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 2 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 10 Other (specify)
 Screen-Perforation Dia: 5 in. to ... ft., Dia ... in. to ... ft., Dia ... in. to ...
 Screen-Perforated Intervals: From 209 ft. to 204 ft., From ... ft. to ...
 Gravel Pack Intervals: From 209 ft. to 200 ft., From ... ft. to ...

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From 200 ft. to 77 ft., From ... ft. to ...

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

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on June month 29 day 1982 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 ... month ... day ... year under the business name of ... by (signature)

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
	0	12	yellowish-tan sandy clay	76	77	Fine to med. grained sand
	12	19	light grey-brown silty clay	77	79	sandy clay
	19	25	yellowish brown sandy clay	79	82	sand and gravel
	25	30	sand and gravel	82	85	mottled color sandy clay
	30	41	white slightly sandy clay and lime	85	90	lime interbedded with sandy clay
	41	57	sand and gravel	90	126	sand and gravel
	57	67	light tan sandy clay with some lime layers	126	129	light brown silty clay
	67	68	sand and gravel	129	192	clay interbedded with sand and gravel
	68	76	sandy clay, mottled color	192	212	red shale

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


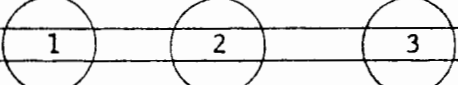
(abbreviated log)

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

SITE NUMBER : 38 (KPI3)
SITE LOCATION: SE SE NE

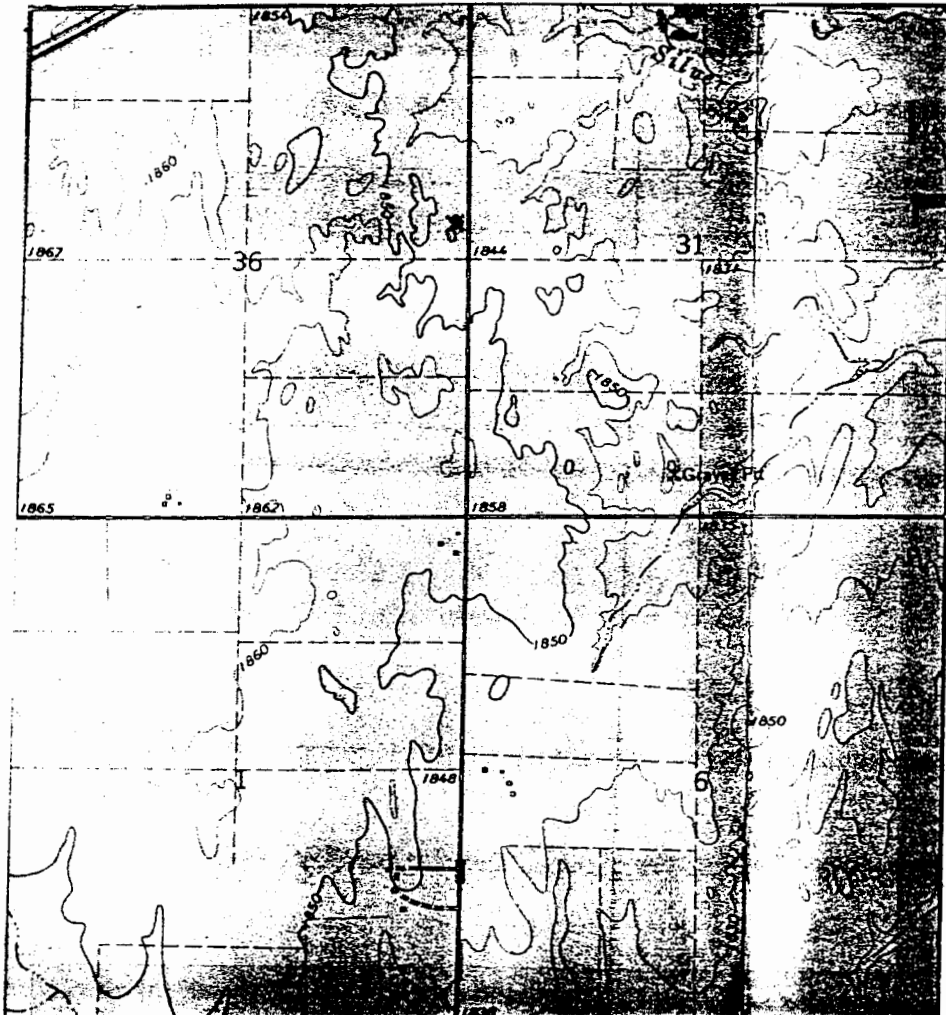
LEGAL LOCATION: 36-26-12W
COUNTY : PRATT

WELL LOG

FROM	TO	LITHOLOGIC LOG	OWNER: STUDER
0	12	yellowish-tan sandy clay with some caliche	
12	19	light grey-brown silty clay with some caliche	
19	25	light yellowish-brown sandy clay with caliche	
25	30	sand and gravel, with caliche in upper part	
30	41	lime with a soft white silty, slightly sandy clay which becomes sandier and tan colored with depth	
41	57	sand and gravel; qtz. arkosic; some clay lenses	
57	67	light tan sandy clay interbedded with some lime	
67	68	sand and gravel	
68	76	mottled color sandy clay interbedded with lime	
76	77	fine to medium sand	
77	79	sandy clay	
79	82	sand and gravel	
82	85	mottled sandy clay	
85	87	mostly lime with interbedded clay	
87	90	mottled sandy clay	
90	103	sand interbedded with clay; some gravel clays less thick with depth	
103	126	sand and gravel	
126	129	light yellowish-brown silty clay, real sticky	
129	137	sand and gravel with a few clay stringers	
137	192 189	sand interbedded with clay; gravel found in clay layers--conglomeritic; becoming mostly sand and gravel	
189	192 212	red shale--PERMIAN	
			
			
		TD=209'	TD=85'
		204'/5'	80'/5'

SITE NUMBER : 38 (KP13)
SITE LOCATION : SE SE NE
LEGAL LOCATION: 36-26-12W
COUNTY : PRATT

LANDOWNER: Mrs. Edna Bell Studer
ADDRESS : Preston, KS
PHONE NO.:



WELL LOCATION *