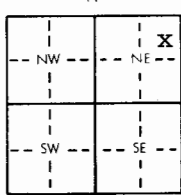


1 LOCATION OF WATER WELL		Fraction	Section Number		Township Number		Range Number	
County: Pratt		SE 1/4 NE 1/4 NE 1/4	36		T 29 S		R 14 EW	
Distance and direction from nearest town or city? 2 mi E, 2 mi S of Cairo Coats				Street address of well if located within city?				
2 WATER WELL OWNER: KGS/GWMD#5								
RR#, St. Address, Box #				Board of Agriculture, Division of Water Resources				
City, State, ZIP Code				Application Number:				
3 DEPTH OF COMPLETED WELL... 188.6 ft. Bore Hole Diameter... 10 in. to 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		11 Injection well		
		7 Lawn and garden only		9 Dewatering		12 Other (Specify below)		
				10 Observation well				
Well's static water level... 37.7 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		3 RMP (SR)		5 Wrought iron		8 Concrete tile		
2 PVC		4 ABS		6 Asbestos-Cement		9 Other (specify below)		
				7 Fiberglass		Casing Joints: glued Clamped		
						Welded		
						Threaded		
Blank casing dia... 5 in. to 182 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)		
2 Brass		4 Galvanized steel		6 Concrete tile		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		8 Saw cut		
2 Louvered shutter		4 Key punched		6 Wire wrapped		11 None (open hole)		
				7 Torch cut		9 Drilled holes		
						10 Other (specify)		
Screen-Perforation Dia... 5 in. to 188.6 ft. Dia in. to ft. Dia in. to ft.								
Screen-Perforated Intervals: From 182 ft. to 188.6 ft. From ft. to ft. From ft. to ft. From ft. to ft.								
Gravel Pack Intervals: From 17.5 ft. to 188.6 ft. From ft. to ft. From ft. to ft. From ft. to ft.								
5 GROUT MATERIAL:								
1 Heat cement		2 Cement grout		3 Bentonite		4 Other		
Grouted Intervals: From 17.5 ft. to 125 ft. From 0 ft. to 10 ft. From ft. to 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		
2 Sewer lines		5 Seepage pit		8 Feed yard		11 Fertilizer storage		
3 Lateral lines		6 Pit privy		9 Livestock pens		14 Abandoned water well		
						15 Oil well/Gas well		
						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 9 month 11 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 Patrick M. Galt by (signature)								
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	
		0	2	sand, brn clay, some gravel & Pebbles	172	188	red bed	
		2	14	same; less clay and more gravel	Abbreviated log			
		14	36	sand & gravel				
		36	66	same w/ cobble lenses in tan clay matrix				
		66	110	sand & fine gravel; tan to white caliche				
		110	172	sandy silt, red; some arkose pebbles				
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.								

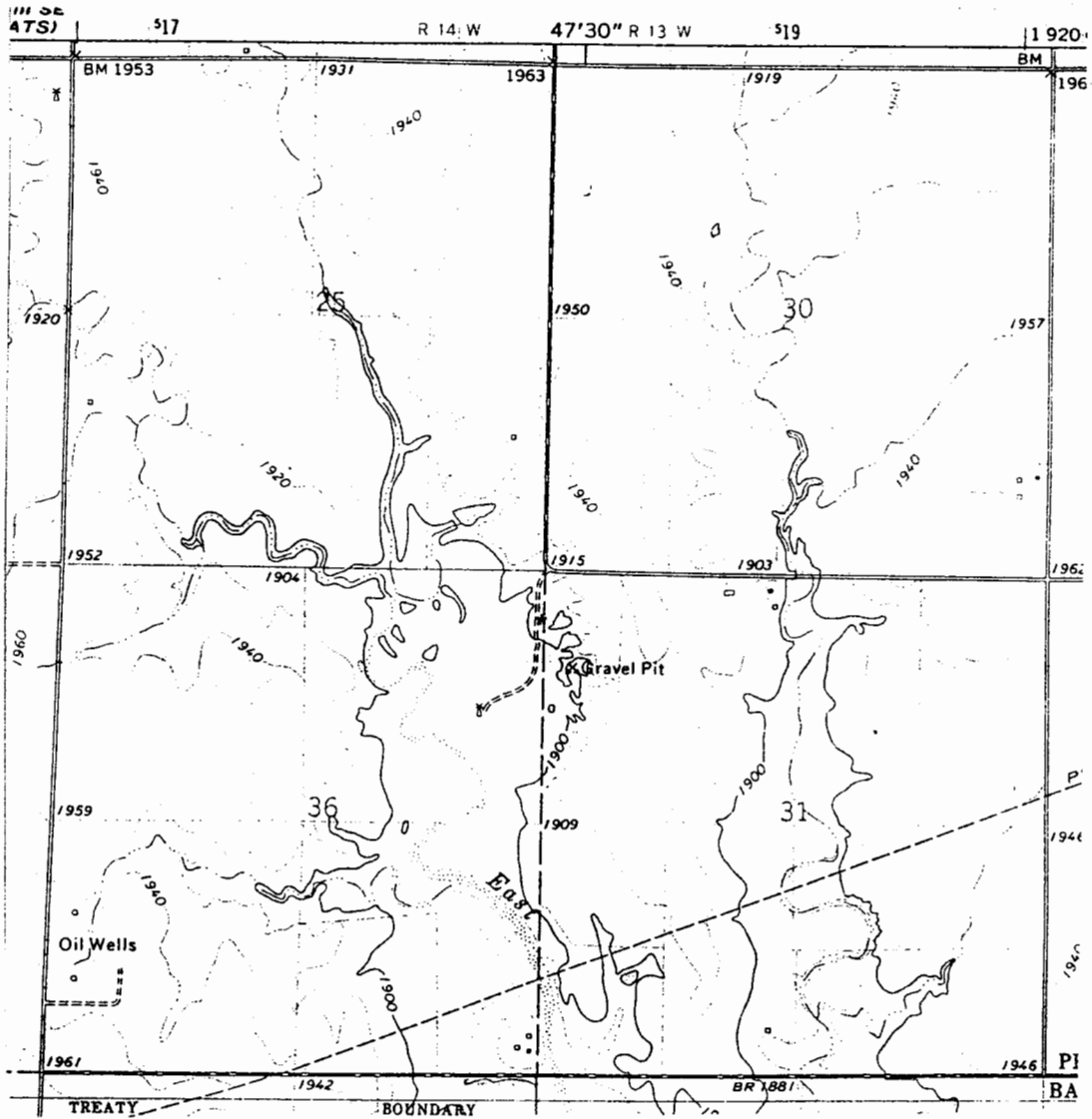
SITE NUMBER : 13
SITE LOCATION: SE NE NE

LEGAL LOCATION: 36-29-14W
COUNTY : PRATT

[illegible]

SITE NUMBER : 13
SITE LOCATION : NE NE NE
LEGAL LOCATION: SEC36 T29S R14W
COUNTY : PRATT

LANDOWNER: BRUCE BENSON
ADDRESS : 624 LAWRENCE
PRATT, KANSAS 67024
PHONE NO.: 316-672-5257



WELL LOCATION *

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

SITE NUMBER : 13
SITE LOCATION: NE NE NE
SAMPLING DATE: NOVEMBER 1980

LEGAL LOCATION : 36-29-14W
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>17.0</u>	<u>16.0</u>	_____
SPECIFIC CONDUCTANCE umho @ 25 deg C.	_____	<u>398</u>	<u>421</u>	_____
pH	_____	<u>7.6</u>	<u>7.8</u>	_____
CALCIUM (Ca):	_____	<u>44</u>	<u>61</u>	_____
MAGNESIUM (Mg):	_____	<u>6.3</u>	<u>6.7</u>	_____
POTASSIUM (K):	_____	<u>6.0</u>	<u>8.0</u>	_____
SILICA (SiO ₂):	_____	<u>27</u>	<u>23</u>	_____
SODIUM (Na):	_____	<u>35</u>	<u>15</u>	_____
SAR:	_____	<u>1.3</u>	<u>0.5</u>	_____
BICARBONATE (HCO ₃):	_____	<u>190</u>	<u>222</u>	_____
CHLORIDE (Cl):	_____	<u>15</u>	<u>7.7</u>	_____
FLUORIDE (F):	_____	<u>0.6</u>	<u>0.2</u>	_____
NITRATE (NO ₃):	_____	<u>7.7</u>	<u>17</u>	_____
ORTHO-PHOSPHATE (PO ₄):	_____	<u>0.38</u>	<u>0.44</u>	_____
SULFATE (SO ₄):	_____	<u>25</u>	<u>9.2</u>	_____
SULFIDE (S):	_____	_____	_____	_____
STRONTIUM (Sr):	_____	<u>0.4</u>	<u>0.3</u>	_____