

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <b>Stafford</b>	<b>NW 1/4 NW 1/4 NW 1/4</b>	<b>6</b>	<b>T 25 S</b>	<b>R 13 EW</b>

Distance and direction from nearest town or city? **2 mi W, 6 mi S of St. John**

Street address of well if located within city?

2 WATER WELL OWNER: **KGS/GWMD#5**

RR#, St. Address, Box # :  
 City, State, ZIP Code : **St. John, Kansas 67576**

Board of Agriculture, Division of Water Resources  
 Application Number:

3 DEPTH OF COMPLETED WELL: **70** ft. Bore Hole Diameter: **8** in. to **70** 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)~~  
**10 Observation well** **Research**

Well's static water level: **17.3** ft. below land surface measured on **October** month **22** day **1982** 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  
 PVC 4 ABS 7 Fiberglass 9 Other (specify below) 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 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 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 7 Torch cut 9 Drilled holes 10 Other (specify)

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.  
 Gravel Pack Intervals: From **70** ft. to **58** 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 **6** ft. to **1.5** ft., From ft. to 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)  
 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 month day 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 **November** month **15** day **1982** year under the business name of **KGS** 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 attached log			

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  
T  
R  
SEC.  
13  
6  
14

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

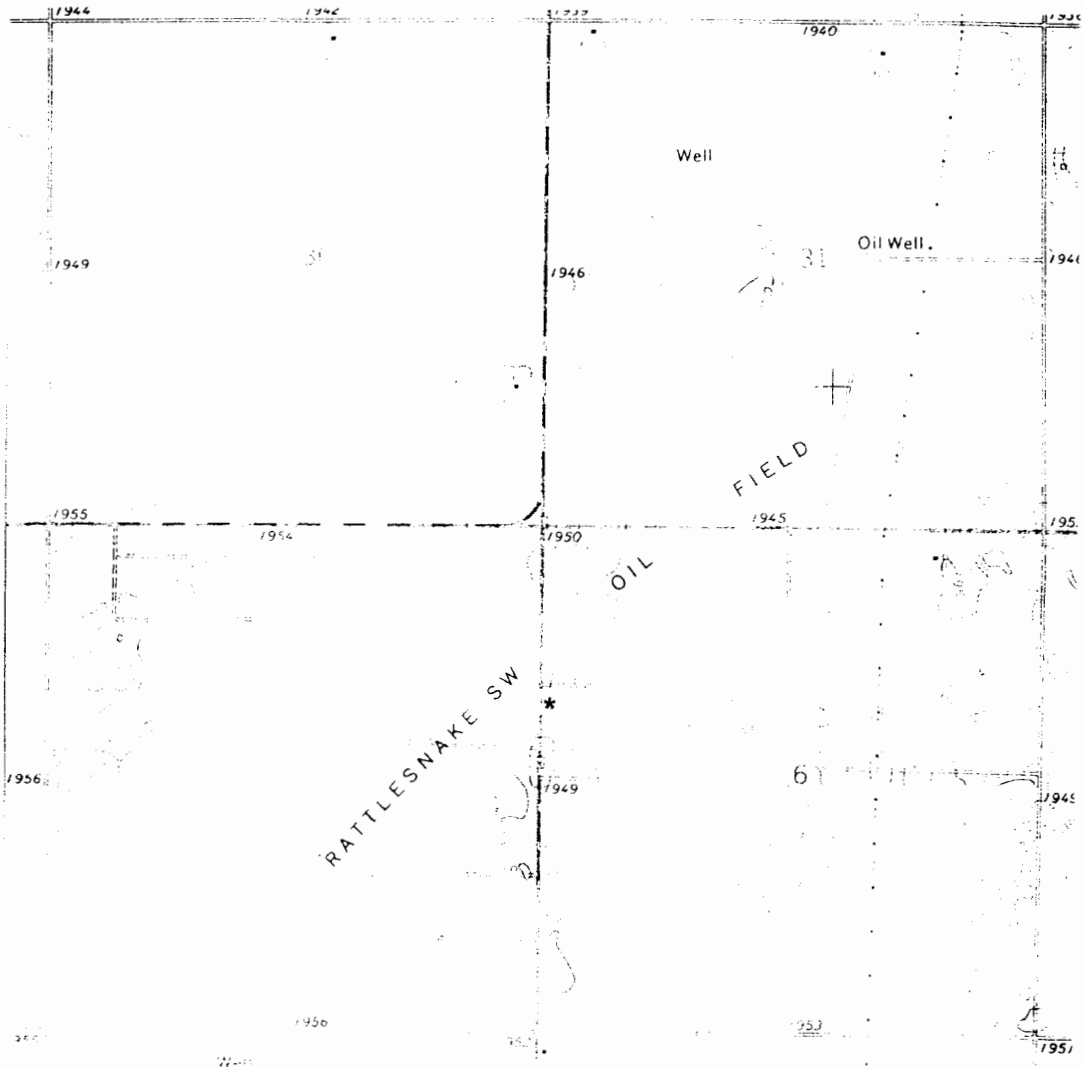
SITE NUMBER : 6	LEGAL LOCATION : 6-25-13W
SITE LOCATION: NW SW NW	COUNTY : STAFFORD
SAMPLING DATE: OCTOBER 1978	NUMBER OF WELLS: 3

WATER QUALITY ANALYSIS (mg./l)

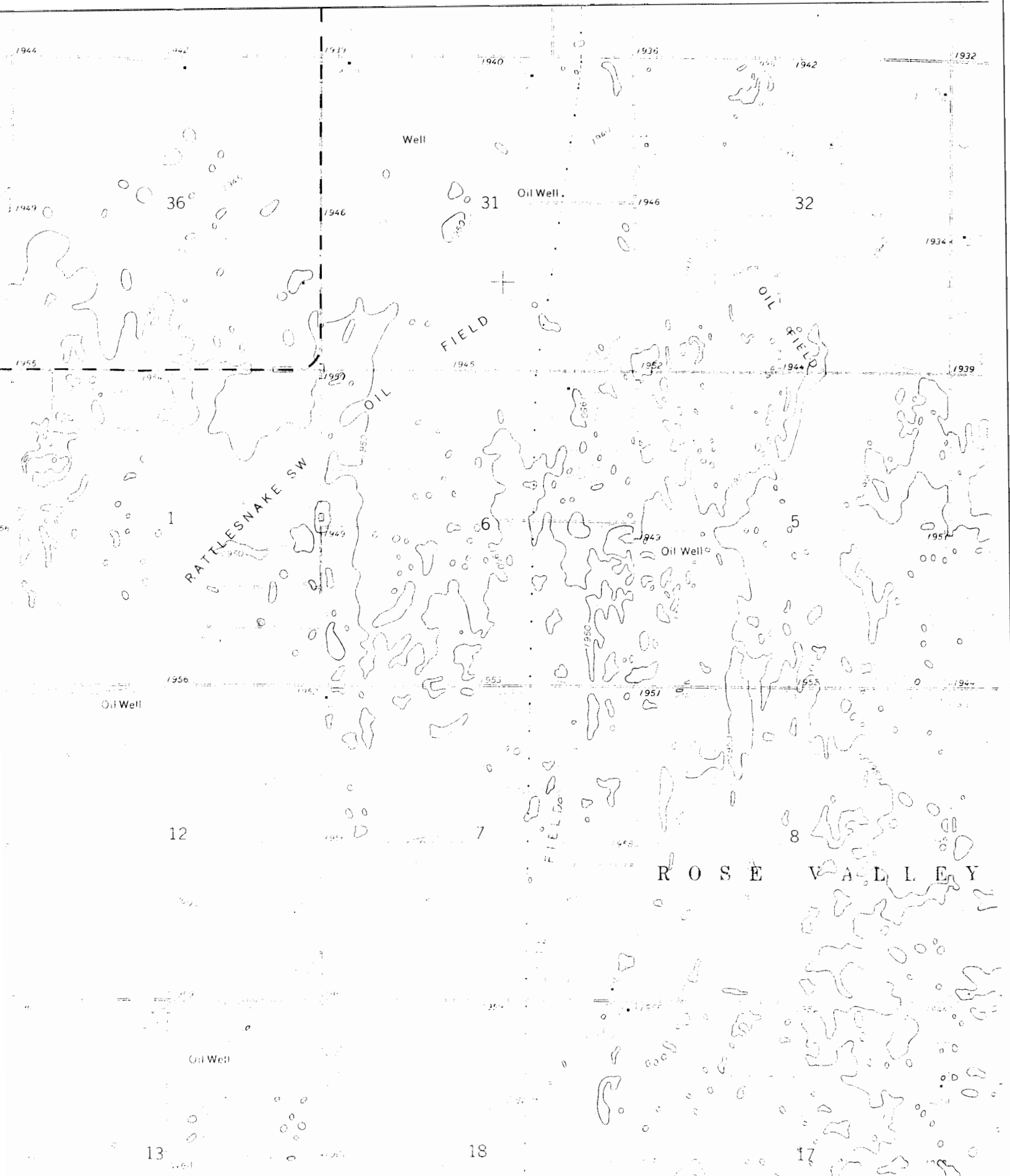
	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	16.1	17.0	15.8	_____
SPECIFIC CONDUCTANCE umho @ 25 deg C.	84,100	5010	695	_____
pH	9.5	7.4	7.8	_____
CALCIUM (Ca):	1810	152	43	_____
MAGNESIUM (Mg):	550	31	5.2	_____
POTASSIUM (K):	80	5.1	2.7	_____
SILICA (SiO <sub>2</sub> ):	37	23	20	_____
SODIUM (Na):	25,000	940	96	_____
SAR:	130	18	3.7	_____
BICARBONATE (HCO <sub>3</sub> ):	-	197	195	_____
CHLORIDE (Cl):	40,000	1661	99	_____
FLUORIDE (F):	0.1	0.4	0.6	_____
NITRATE (NO <sub>3</sub> ):	1.3	7.5	19	_____
ORTHO-PHOSPHATE (PO <sub>4</sub> ):	0.14	0.21	0.13	_____
SULFATE (SO <sub>4</sub> ):	5134	165	23	_____
SULFIDE (S):	_____	_____	_____	_____
STRONTIUM (Sr):	33	1.4	0.3	_____

SITE NUMBER : 6  
SITE LOCATION : NW SW NW  
LEGAL LOCATION: SEC6 T25S R13W  
COUNTY : STAFFORD

LANDOWNER: BILL McCANDLESS  
ADDRESS : ROUTE 1  
St. JOHN, KANSAS 67576  
PHONE NO.: 316-549-3356



WELL LOCATION \*



16
(BYERS)
17
R. 14 W
R. 13 W
18
47'30"
19
20
● NEBRASKA GEOLOGICAL SURVEY

SCALE 1:24,000



ROAD CLASSIFICATION  
 Primary highway  
 hard surface  
 Secondary highway  
 hard surface