Site 6, Well #2 WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Stafford | Fraction: NW ¼ NW ¼ NW ¼ | Section Number: 6 | Township Number: T 25 S | Range Number: R 13 E (W)

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 146 ft. Bore Hole Diameter 8 in. to 146 ft., and in. to ft.

Well Water to be used as: 1 Domestic 3 Feedlot 2 Irrigation 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)~~ Research

Well's static water level 13.2 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: (2) PVC | 1 Steel | 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 135 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: (7) PVC | 1 Steel | 2 Brass | 3 Stainless steel | 4 Galvanized steel | 5 Fiberglass | 6 Concrete tile | 8 RMP (SR) | 9 ABS | 10 Asbestos-cement | 11 Other (specify) | 12 None used (open hole)

Screen or Perforation Openings Are: (3) Mill slot | 1 Continuous 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 145 ft., Dia in. to ft., Dia in. to ft.

Screen-Perforated Intervals: From 135 ft. to 145 ft., From ft. to ft.

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

Gravel Pack Intervals: From 145 ft. to 133 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 133 ft. to 80 ft., From 6 ft. to 1.5 ft., From ft. to ft.

What is the nearest source of possible contamination: not determined

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

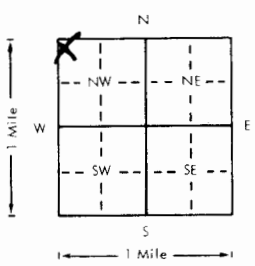
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.

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 July month 26 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 Nov month 15 day 82 year under the business name of by (signature) Patrick M Cobb

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



ELEVATION:

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		see attached log			

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 25 R 13 E (W) SEC. 6 ¼ ¼ ¼

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

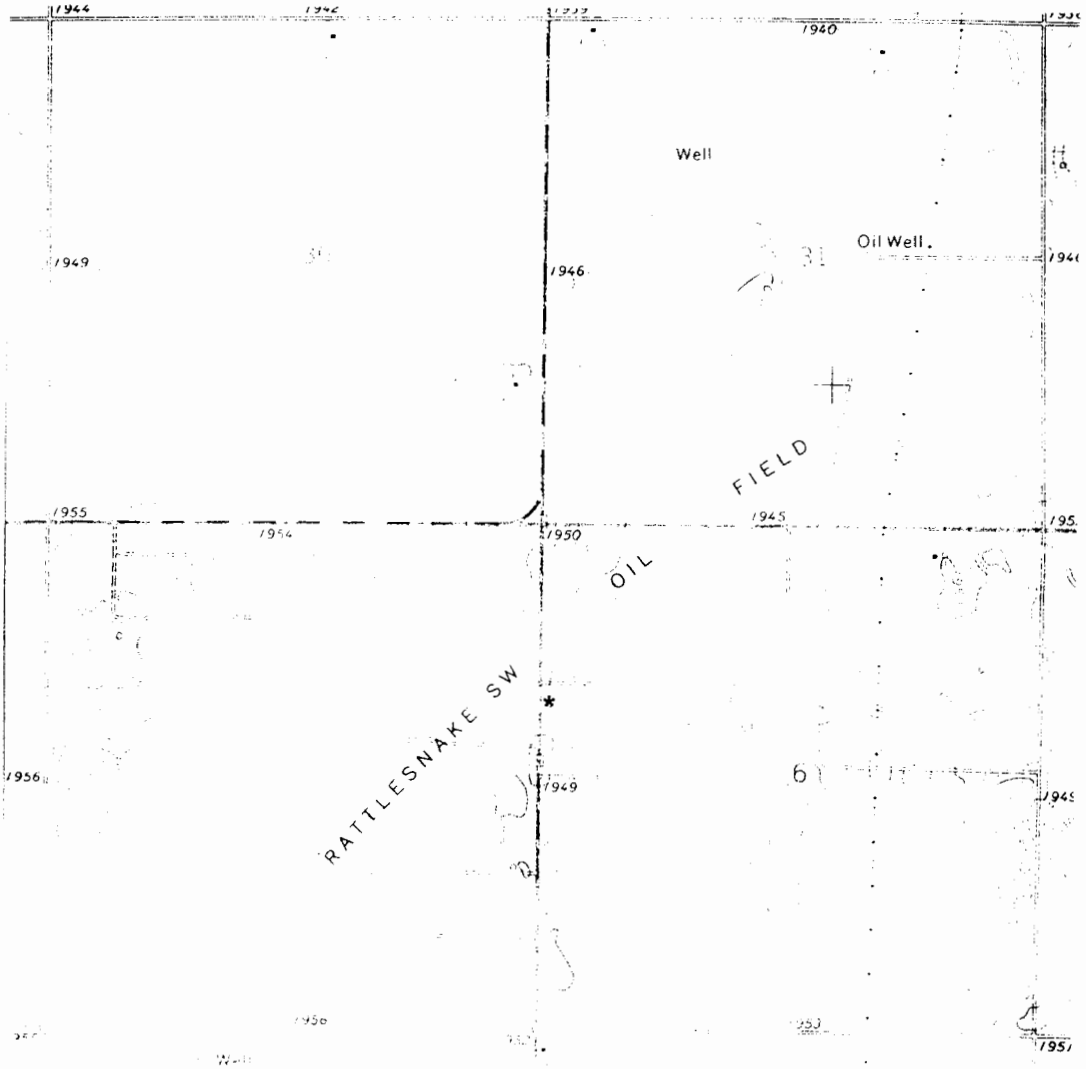
SITE NUMBER : 6
SITE LOCATION: NW SW NW
SAMPLING DATE: OCTOBER 1978

LEGAL LOCATION : 6-25-13W
COUNTY : STAFFORD
NUMBER OF WELLS: 3

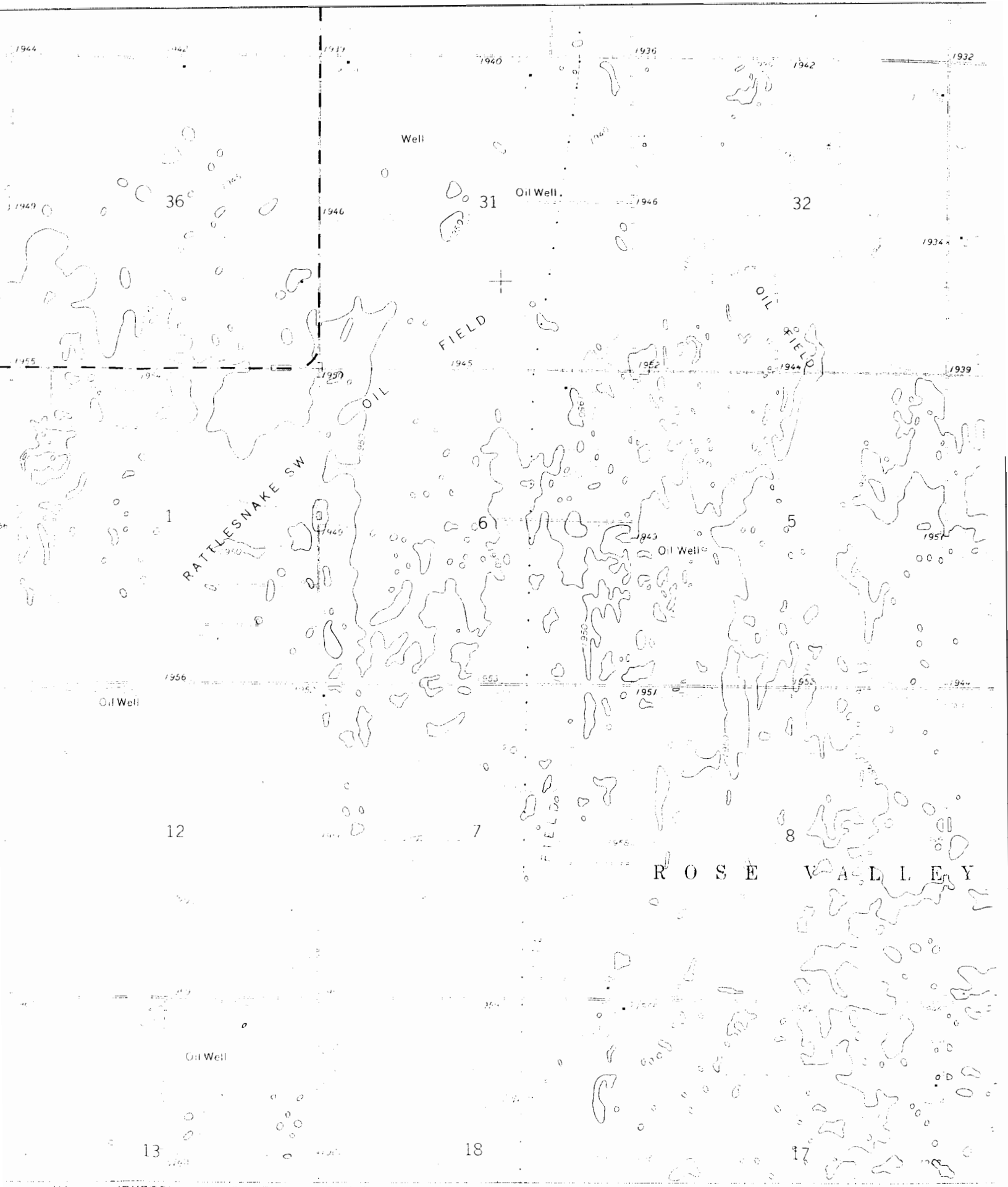
WATER QUALITY ANALYSIS (mg./l)

	WELL#1	WELL#2	WELL#3	WELL#4
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_2):	37	23	20	
SODIUM (Na):	25,000	940	96	
SAR:	130	18	3.7	
BICARBONATE (HCO_3):	-	197	195	
CHLORIDE (Cl):	40,000	1661	99	
FLUORIDE (F):	0.1	0.4	0.6	
NITRATE (NO_3):	1.3	7.5	19	
ORTHO-PHOSPHATE (PO_4):	0.14	0.21	0.13	
SULFATE(SO_4):	5134	165	23	
SULFIDE (S):				
STRONTIUM (Sr):	33	1.4	0.3	

SITE NUMBER :	6	LANDOWNER:	BILL McCANDLESS
SITE LOCATION :	NW SW NW	ADDRESS :	ROUTE 1
LEGAL LOCATION:	SEC6 T25S R13W		St. JOHN, KANSAS 67576
COUNTY :	STAFFORD	PHONE NO.:	316-549-3356



WELL LOCATION *


Well
Oil Well
36
31
32
FIELD
OIL
RATTLESNAKE SW
1
6
5
Oil Well
Oil Well
12
7
8
ROSE VALLEY
Oil Well
13
18
17
516
(BYERS)
517
R. 14 W.
R. 13 W.
518
47'30"
519
520
SCALE 1:24000
ROAD CL
Primary highway
hard surface
Secondary highway
hard surface