WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. _____

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Pawnee	C ¼ W½ ~~X~~ SE ¼	34	T 23 S	R 18 ~~E~~/W

Distance and direction from nearest town or city street address of well if located within city?
4½ S, 2 W of ~~XXXXXX~~ Garfield, Ks.

2 WATER WELL OWNER: Ritchie Exploration
RR#, St. Address, Box # : P.O. Box 783188
City, State, ZIP Code : Wichita, Ks. 67278- 3188

Board of Agriculture, Division of Water Resources
Application Number: 20030225

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

N
NW NE
W E
SW X SE
S

4 DEPTH OF COMPLETED WELL 60 ft. ELEVATION: .....

Depth(s) Groundwater Encountered 1 ..... ft. 2 ..... ft. 3 ..... ft.
WELL'S STATIC WATER LEVEL 2 ft. below land surface measured on mo/day/yr 9-17-03
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm
Est. Yield N/A gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

WELL WATER TO BE USED AS:
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well
5 Public water supply 8 Air conditioning 11 Injection well

Was a chemical/bacteriological sample submitted to Department? Yes ..... No X ; If yes, mo/day/yrs sample was submitted
Water Well Disinfected? Yes HTH No

5 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 X Clamped .....
Welded .....
Threaded .....

Blank casing diameter 5 in. to 40 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.
Casing height above land surface 24 ~~XXXX~~ in., weight SDR-26 lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless Steel 5 Fiberglass 7 PVC 10 Asbestos-Cement
2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify) .....
9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Guazed wrapped 8 Saw cut 11 None (open hole)
2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
7 Torch cut 10 Other (specify) ..... ft.

SCREEN-PERFORATED INTERVALS: From 60 ft. to 40 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 60 ft. to 20 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other hole plug
Grout Intervals: From 20 ft. to 0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage None
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Sandy top soil			
2	19	Fine sand			
19	21	Clay			
21	53 ~~XX~~	Sand & gravel(small)			
53	60	Clay			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ~~XXXX~~ 9-17-03 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 134 This Water Well Record was completed on (mo/day/yr) 9-19-03
under the business name of Rosencrantz- Bemis by (signature) Fredia Hudson

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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.