

1 LOCATION OF WATER WELL: UNRUH Fraction SW 1/4 NE 1/4 SE 1/4 Section Number 24 Township Number T 21 S Range Number R 20 E

County: PAWNEE Distance and direction from nearest town or city street address of well if located within city? RUZEL 1/2 N 3 W 1/4 N WESTSIDE

2 WATER WELL OWNER: EMPHASIS OIL OPERATIONS L. UNRUH, LARNED, KS
 RR#, St. Address, Box #: BOX 506 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: RUSSELL, KS 67605 Application Number: T84408

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

N			
W	NW	NE	E
S	SW	SE	

4 DEPTH OF COMPLETED WELL: 65 ft. ELEVATION: 7-13-84
 Depth(s) Groundwater Encountered 1. 38 ft. 2. 40 ft. 3. 45 ft.
 WELL'S STATIC WATER LEVEL 38 ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 7-13-84 ft. after 7 hours pumping 7 gpm
 Est. Yield 7-13-84 gpm: Well water was 7 ft. after 7 hours pumping 7 gpm
 Bore Hole Diameter: 7.718 in. to 65 ft., and 65 in. to 65 ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes 7-13-84 No 7-13-84; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes 7-13-84 No 7-13-84

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued 7-13-84 Clamped 7-13-84
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 7-13-84
 2 PVC 4 ABS 7 Fiberglass Threaded 7-13-84
 Blank casing diameter 5 in. to 45 ft. Dia. 45 in. to 45 ft. Dia. 45 in. to 45 ft. Dia. 45 in. to 45 ft. Dia.
 Casing height above land surface 12 in., weight 2-65 lbs./ft. Wall thickness or gauge No. 2-14
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 7-13-84
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 118 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) 7-13-84
 SCREEN-PERFORATED INTERVALS: From 45 ft. to 65 ft., From 45 ft. to 65 ft., From 45 ft. to 65 ft., From 45 ft. to 65 ft.
 GRAVEL PACK INTERVALS: From 38 ft. to 65 ft., From 38 ft. to 65 ft., From 38 ft. to 65 ft., From 38 ft. to 65 ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout intervals: From 0 ft. to 10 ft., From 10 ft. to 10 ft., From 10 ft. to 10 ft., From 10 ft. to 10 ft.
 What is the nearest source of possible contamination: NONE 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	SOIL			
3	30	CLAY			
30	40	SANDY CLAY			
40	62	GRAVEL			
62	65	SHALE			

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) 7-13-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 389 This Water Well Record was completed on (mo/day/yr) 7-21-84 under the business name of REISER WATER WELL SERVICE INC by (signature) Rudolph Reiser

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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.