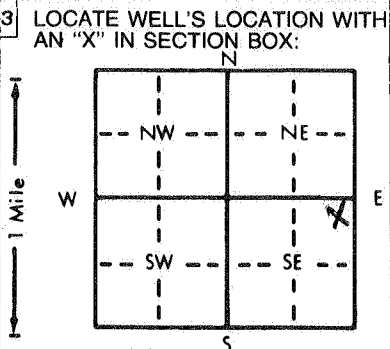


1 LOCATION OF WATER WELL: County: **LYON** Fraction: **NE 1/4 NE 1/4 SE 1/4** Section Number: **15** Township Number: **T 19 S** Range Number: **R 11 EW**

Distance and direction from nearest town or city street address of well if located within city?
POTWINSOBDIV. CITY OF EMPORIA KS - 417 S EAST

2 WATER WELL OWNER: **ROBERT L LAWSON**
 RR#, St. Address, Box #: **417 S EAST** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **EMPORIA KS 66801** Application Number:



4 DEPTH OF COMPLETED WELL: **50** ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. **27-29** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **16** ft. below land surface measured on mo/day/yr **07-11-87**
 Pump test data: Well water was **16** ft. after **1** hour pumping **18** gpm
 Est. Yield _____ gpm: Well water was **16** ft. after **1 1/2** hours pumping **18** gpm
 Bore Hole Diameter: **14** in. to **29** ft., and **8 7/8** in. to **50** ft.
 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 Lawn and garden only 10 Observation well **GARDEN-LAWN-USC**
 Was a chemical/bacteriological sample submitted to Department? Yes NO NOT YET If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes No

5 TYPE OF CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter: **6** in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: **24 1/2** in., weight **SCH 40** lbs./ft. Wall thickness or gauge 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 Gauzed 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) _____
 SCREEN-PERFORATED INTERVALS: From **27** ft. to **35** ft., From **10-12** in. to **35** ft. to **48** ft.
 GRAVEL PACK INTERVALS: From **50** ft. to **24** ft., From _____ ft. to _____ ft.
4,000 # AND 20 SAND

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **24** ft. to **3 1/2** 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
 Direction from well? **N AND W** How many feet? **50' AND 54'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	12'	TOP S. SILT			
12'	20'	CLAY-SILT			
20'	27'	FINE SD SILT			
27'	28'	FINE SD - SILT - WATER			
28'	29'	SD - GRAVEL - WATER			
29'	37'	OLIVE-GREY SHALE			
37'	42'	LIME			
42'	49'	BI. GREY SHALE			
49'	50'	SD + LIME			
TD	50'-49'				

OPEN HOLE TEST - FORMATION MINES WITH FLUID 1300 PER SEC 1000 GAL PER M.

RECOMMEND: 18 GAL OR LESS DRAW PER M.

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) **07-07-87** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **479** This Water Well Record was completed on (mo/day/yr) **07-14-87** under the business name of **EBBERTS DRILLING** by (signature) *Ray Ebberts*

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.