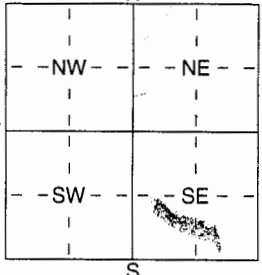


1 LOCATION OF WATER WELL: Fraction NW 1/4 SE 1/4 SE 1/4 Section Number 35 Township Number T 8 S Range Number R 12 EW  
 County: POTTAWATOMIE

Distance and direction from nearest town or city street address of well if located within city?  
CITY WELL #1

2 WATER WELL OWNER: CITY OF EMMETT KS  
 RR#, St. Address, Box #: CITY HALL Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: EMMETT, KS 66422 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL 28 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered 1 ft. 2 \_\_\_\_\_ ft. 3 \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL 18 ft. below land surface measured on mo/day/yr 08-17-04  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 WELL WATER TO BE USED AS:  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 Domestic (lawn & garden) 10 Monitoring well \_\_\_\_\_  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No ; If yes, mo/day/yrs sample was submitted  
 Water Well Disinfected?  Yes \_\_\_\_\_ No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC  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 diameter 10 in. to 18 ft., Dia 10 in. to 28 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface \_\_\_\_\_ in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. \_\_\_\_\_  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile 7 PVC  8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) \_\_\_\_\_  
 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot  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-PERFORATED INTERVALS: From 18 ft. to 28 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout  3 Bentonite 4 Other RUBBER PACKER  
 Grout Intervals: From 0 ft. to 17 ft., From 17 ft. to 18 ft., From 18 ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)  
 Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	17'	GROUTED BETWEEN ORIGINAL STEEL CASING AND NEW PVC PLAIN CASING. A RUBBER PACKER WAS PLACED BETWEEN TOP OF ORIGINAL STAINLESS STEEL CASED SCREEN AND TOP OF NEW PVC SCREEN AND GROUTED TO TOP. THE STEEL CASING WAS ERODING.			
17'	18'	MEDIUM CHIP HOLE PLUG.			

RECEIVED  
 NOV 03 2004  
 BUREAU OF WATER

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) 08-17-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 631 This Water Well Record was completed on (mo/day/yr) 11-1-04 under the business name of ALEXANDER Pump SERVICE INC. by (signature) Jerry W. Alexander

ALEXANDER PUMP & SERVICES, INC.  
17728 N.W. 62<sup>ND</sup> STREET  
ST. MARYS, KANSAS 66536  
785-437-6305 Fax: 785-437-2394

November 1, 2004

Re: City of Emmett Well

Vic:

Concerning our conversation on the Well Reconstruction for Emmett, Kansas:

The top 18' of the original 12" cased well was steel and was deteriorating, the bottom 10' which was stainless screen was videoed and was fine.

A rubber packer was placed between the top of the stainless steel screen and 10" PVC Liner. The annular space between the deteriorated steel and the new liner from Packer to Top was filled with 18' to 17' medium chip. 17' to top was grouted.

The rubber packer was used so that the gravel packing at the bottom would not be necessary, so that there would be no restriction of flow to the pump.

Terry W. Alexander