| <u>.</u> | | | | | | | |
|---|--|---|---|---|--|--|--|
| | WATE | R WELL RECORD | Form WWC-5 | KSA 82 | a-1212 | | |
| LOCATION OF WATER WELL: | Fraction | | Section | on Number | | umber | Range Number |
| ounty: Wyandotte | 5E 14 | se 14 N | JW _{1/4} | 20 | T { } | (S) | R 23 EW |
| stance and direction from nearest to | own or city street a | ddress of well if locate | d within city? | | • | | |
| 34 mile E B | onner s | Springs | | | | | |
| WATER WELL OWNER: COLO | orado Gr | zologíc In | <u>C</u> . | · | | | |
| R#, St. Address, Box # : 123 | 25 W 53 | AVE SUI | to 102 | | Board of A | ariculture. (| Division of Water Resourc |
| ty, State, ZIP Code : AY | rada, co | 90002 | | | Application | - | |
| LOCATE WELL'S LOCATION WITH | <u> </u> | OMBI ETED MELL | 69 | 4 FLEV | | 49.5 | |
| AN "X" IN SECTION BOX: | | | | | | | |
| N | Depth(s) Ground | lwater Encountered 1 | 3.2 | π. | 2 | π. 3 | Q1771.06L" |
| | 3 | | | | | | 8/27/06 |
| NW NE | ı | | | | | | mping gpr |
| | Est. Yield | gpm: Well water | erwas | ft. a | after | hours pu | mping gpr |
| w i X | Bore Hole Diame | eter (4.7.4.in. to | . | ^l ft., | and | in | . to |
| " | WELL WATER T | TO BE USED AS: | 5 Public water | supply | 8 Air conditioning | 11 | Injection well |
| | 1 Domestic | 3 Feedlot | 6 Oil field wate | r supply | 9 Dewatering | 12 | Other (Specify below) |
| 2M 2F | 2 Irrigation | 4 Industrial | 7 Lawn and ga | rden only | Observation we | | |
| | Was a chemical/l | | | | ~ ~ | • | mo/day/yr sample was su |
| <u> </u> | mitted | | | | ater Well Disinfected | - | No X |
| TYPE OF BLANK CASING USED: | | 5 Wrought iron | 8 Concrete | • | | | i Clamped |
| 1 Steel 3 RMP (| | 6 Asbestos-Cement | 9 Other (s | - | | | ed |
| (2)PVC 4 ABS | · · | | • | | • | | aded. |
| <u> </u> | 54 | 7 Fiberglass | | | | | |
| ank casing diameter | 10 7. 12 | n., Dia | | | | | |
| asing height above land surface | | .in., weight | | | | | |
| PE OF SCREEN OR PERFORATION | ON MATERIAL: | | D PVC | | 10 Asb | estos-ceme | nt |
| 1 Steel 3 Stainle | ss steel | 5 Fiberglass | | (SR) | 11 Othe | er (specify) | • |
| | ized steel | 6 Concrete tile | 9 ABS | | 12 Non | e used (op | en hole) |
| | | | | | | | |
| 2 Brass 4 Galvan CREEN OR PERFORATION OPEN! | | 5 Gauz | ed wrapped | | 8 Saw cut | | 11 None (open hole) |
| CREEN OR PERFORATION OPEN | | | ed wrapped wrapped | | 8 Saw cut 9 Drilled holes | | 11 None (open hole) |
| CREEN OR PERFORATION OPENI 1 Continuous slot | NGS ARE: | 6 Wire | wrapped | | 9 Drilled holes | ·) | 11 None (open hole) |
| CREEN OR PERFORATION OPENI 1 Continuous slot | NGS ARE: Mill slot Key punched | 6 Wire 7 Torch | wrapped | | 9 Drilled holes | • | , , |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 | NGS ARE: Mill slot Key punched | 6 Wire 7 Torch | wrapped cut 69 | ft., Fro | 9 Drilled holes 10 Other (specify | ft. to | fi |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 | NGS ARE: Mill slot Key punched :: From | 6 Wire 7 Torch ft. to ft. to | wrapped cut 69 | ft., Fro | 9 Drilled holes 10 Other (specify om | ft. to | fi |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 CREEN-PERFORATED INTERVALS | NGS ARE: Mill slot Key punched :: From | 6 Wire 7 Torch | wrapped | ft., Fro | 9 Drilled holes 10 Other (specify om | ft. to | o |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS | NGS ARE: Mill slot Key punched From From From From | 6 Wire 7 Torch ft. to ft. to ft. to ft. to | wrapped | ft., Fro | 9 Drilled holes 10 Other (specify om | ft. to ft. to ft. to ft. to | o |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat | NGS ARE: Mill slot Key punched From From From cement | 6 Wire 7 Torch ft. to ft. to ft. to ft. to 2 Cement grout | wrapped Cut (A) | ft., Fro ft., Fro ft., Fro te 4 | 9 Drilled holes 10 Other (specify om | ft. to | o |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 CREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched :: From From From : cement . ft. to | 6 Wire 7 Torch ft. to ft. to ft. to ft. to 2 Cement grout | wrapped Cut (A) | ft., Fro ft., Fro ft., Fro te 4 | 9 Drilled holes 10 Other (specify om | ft. to | 0 |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched :: From From From : cement :: ft. to | 6 Wire 7 Torch 1. to 1. to 1. to 1. to 2 Cement grout 1. ft., From | wrapped Cut (A) | ft., Fro ft., Fro ft., Fro te 4 5 2 | 9 Drilled holes 10 Other (specify om | ft. to ft. to ft. to | 5 |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched S: From From C cement C contamination: Eral lines | 6 Wire 7 Torch ft. to ft. to 7 Cement grout 7 Pit privy | wrapped Cut Q Bentoni ft. to | ft., Fro ft., Fro ft., Fro te 4 52 10 Lives | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft. to well/Gas well |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 CREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement ft. to Fral lines Frool | 6 Wire 7 Torch ft. to ft. to ft. to 7 Cement grout 7 Pit privy 8 Sewage lage | wrapped Cut Q Bentoni ft. to | ft., Fro ft., Fro ft., Fro ft., Fro te 4 52 10 Lives 11 Fuel 12 Ferti | 9 Drilled holes 10 Other (specify om | ft. to ft | o |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement ft. to Fral lines Frool | 6 Wire 7 Torch ft. to ft. to 7 Cement grout 7 Pit privy | wrapped Cut Q Bentoni ft. to | ft., Fro ft., Fro ft., Fro te 4 52 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft. to well/Gas well |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to | 6 Wire 7 Torch ft. to ft. to ft. to 7 Torch ft. to 7 Torch ft. to 7 ft. to 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From. hat is the nearest source of possible 1 Septic tank 2 Sewer lines 5 Ces 3 Watertight sewer lines 6 See | NGS ARE: Mill slot Key punched From From Cement ft. to Fral lines Frool | 6 Wire 7 Torch ft. to ft. to ft. to 7 Torch ft. to 7 Torch ft. to 7 ft. to 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | ft., Fro ft., Fro ft., Fro te 4 52 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
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| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut A Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
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| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut A Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut A Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | ft. to ft | ft. to ft |
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| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut A Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | 14 Al | ft. to ft |
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| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut A Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | 14 Al | ft. to ft |
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| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched From From Cement If to Example contamination: From the contaminat | 6 Wire 7 Torch ft. to ft. to ft. to 2 Cement grout 7 Pit privy 8 Sewage lage 9 Feedyard | wrapped Cut Q Bentoni ft. to | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify om | 14 Al | ft. to ft |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 CREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched :: From From S: From From : cementt. to | 6 Wire 7 Torch ft. to ft. to ft. to 7 Pit privy 8 Sewage lage 9 Feedyard LOG | wrapped of the cut of | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify m | 14 Al 15 O LITHOLOG | o |
| CREEN OR PERFORATION OPENI 1 Continuous slot 2 Louvered shutter 4 ICREEN-PERFORATED INTERVALS GRAVEL PACK INTERVALS GROUT MATERIAL: 1 Neat rout Intervals: From | NGS ARE: Mill slot Key punched :: From From S: From From : cementt. to | 6 Wire 7 Torch ft. to ft. to ft. to 7 Pit privy 8 Sewage lage 9 Feedyard LOG | wrapped of the cut of | 10 Lives 11 Fuel 12 Ferti 13 Insec | 9 Drilled holes 10 Other (specify m | 14 Al 15 O LITHOLOG | o |

under the business name of LQYNQ-WUSTUYN CO. LYC, by (signature) TWW W. JWW.

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.

| Project _ | Si 50 | as | | | | Boring No. <u>Mu # 2</u> Sheet / of / |
|-------------------------------------|---------|------------|-----------------------------|-----------------|-----------------------|--|
| | | | | | | Surface Elevation Offset |
| Address | miles | 56 | nina | L | | Date Started 7-29-86 Completed 7-30-86 |
| City & State_ | .,, | ~ <i>y</i> | J | | | Driller / Can all Rig D-K |
| | | | | Abb | oreviations: | A.O. — Auger Only R.B. — Rock Bit C.W. — Core Water H.A. — Hollow Auger S.S. — Split Spoon C.A. — Core Air W.B. — Wash Bore S.T. — Shelby Tube F.B. — Finger Bit |
| DE | РТН | | | TION RECORD | <u>~</u> | SAMPLE DESCRIPTION |
| FROM | то | МЕТНОВ | POCKET PENETRO- METER | NO. OF BLOWS | CORE RECOVERY | COLOR-MATERIAL-MOISTURE-CLAY CONSISTENCY SAND DENSITY |
| | 44 | | | | 21 | Thay shale + line fill |
| 44 | 48 | | | | ni | light Brown Clay |
| 48 | 55 | | | | 24 | Liay Sandy shale |
| 55 | 60,5 | | | | 20 | Dray line |
| _60,5 | 61 | | | | | Lay shall |
| 41 | 64 | | | | 19 | Black shale |
| 64 | 45 | | | | 20 | Liay Cimo |
| 65 | 69 | | | | 19 | Liay Shale |
| | | | | | | J |
| | | | | | | |
| | | | | | | 73'g 4" w/15' g Deicen |
| | | | | | | 0 . 3 |
| | | | | | | Sand 52 to 69 |
| | | | | | | Benoul 45-52 |
| | | | | | | sand 10-5% |
| | | | | | | Coment 0-10' |
| REMARKS: (Casing, Water Loss, Etc.) | | | | | Water Level Time Date | |
| | | | | | | (Completion) |
| | | | | | | |
| Layne-W | lestern | Comp | pany,// | nc. | | |
| 1 11 50A | | | | | | |

TEST BORING LOG