|   | Fraction  | \   | 1               | tion Number  | Township 1                            |  | Range No   | ımber       |
|---|---|---|-----------------|--|---------------------------------------|--|--|-------------|
| County: Reno Distance and direction from nearest  | NE 1/2  |   |                 | 36   | ↑ 23                                  | <u> </u>                                 | R 10   | MINI        |
|   | •   |   | within one      |  |                                       |  |  |             |
| 2½ mi east, 3½ mi no:<br>WATER WELL OWNER: KGS/(  |   | a   |                 |  | · · · · · · · · · · · · · · · · · · · |  | · · · · · · · · · · · · · · · · · · ·  |             |
| RR#, St. Address, Box # :   | 3WEID# 3  |   |                 |  | Board of                              | Agriculture [                            | Division of Wate   | r Besource  |
| City, State, ZIP Code   |   |   |                 |  |                                       | n Number:                                | or reac  |             |
| LOCATE WELL'S LOCATION WIT  | TH 4 DEPTH OF   | COMPLETED WELL  | 128             | ft FLEVA   |                                       |  |  |             |
| AN "X" IN SECTION BOX:  | <b>—</b>  | dwater Encountered 1  |                 |  |                                       |  |  |             |
|   |   | C WATER LEVEL   |                 |  |                                       |  |  |             |
| NW NE   |   | np test data: Well wate   |                 |  |                                       |  | •  |             |
| 1/4 |   | gpm: Well water   |                 |  |                                       |  |  |             |
| W 1 1 X   | F 1   | neter97./8.in. to   |                 |  |                                       |  | . to   |             |
| Ē " [   | ł   |   | 5 Public water  |  | 8 Air conditionin                     | •  | Injection well   |             |
| SW SE   | 1 Domestic  |   |                 |  | 9 Dewatering                          |  |  |             |
|   | 2 Irrigation  |   |                 | -  | Observation v                         |  |  |             |
|   |   | /bacteriological sample s   | submitted to Di |  |                                       | -  |  | ole was sub |
| TYPE OF BLANK CASING USED   | mitted  | 5 Wrought iron  | 8 Concre        |  | ter Well Disinfect                    |  | (No)   | ed.         |
| 1 Steel 3 RMP   |   | 6 Asbestos-Cement   |                 | (specify below   |                                       | ·  | led  |             |
| (2)PVC 4 ABS  | (0)   | 7 Fiberglass  |                 | ` '  | ·,                                    |  | aded   |             |
| Blank casing diameter 5 . 0   | in. to . 123  | ft., Dia  |                 |  |                                       |  |  |             |
| Casing height above land surface  |   | in., weight   |                 | lbs./  | ft. Wall thickness                    | or gauge N                               | io. Schd. #40.   |             |
| TYPE OF SCREEN OR PERFORAT  | TION MATERIAL:  |   | (C)PV           | 'C   | 10 As                                 | bestos-ceme                              | ent  |             |
| 1 Steel 3 Stain.  | less steel  | 5 Fiberglass  | 8 RM            | IP (SR)  | 11 01                                 | her (specify)                            |  |             |
|   | anized steel  | 6 Concrete tile   | 9 AB            | S  |                                       | one used (op                             | en hole)   |             |
| SCREEN OR PERFORATION OPE   | _   | 5 Gauz  | ed wrapped      |  | 8 Saw cut                             |  | 11 None (ope   | n hole)     |
| 1 Continuous slot (3  |   |   |                 |  |                                       |  | ` .  |             |
|   | Mill slot   | 6 Wire  |                 |  | 9 Drilled holes                       |  | , ,  |             |
| 2 Louvered shutter 4  | Key punched   | 7 Torch   | cut             | ft Fro   | 10 Other (speci                       | fy)                                      |  |             |
| 2 Louvered shutter 4  | Key punched S: From   | 7 Torch 123 ft. to  | cut             |  | 10 Other (spec                        | fy)                                      | to   | ft.         |
| 2 Louvered shutter 4  | Key punched S: From   | 7 Torch 123 ft. to  | cut128          | ft., Fro   | 10 Other (specim                      | fy) ft. t                                | to   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL   | Key punched S: From   | 7 Torch 123 ft. to  | cut128          | ft., Fro   | 10 Other (speci<br>m                  | fy) ft. t                                | toto   | ft.         |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL GRAVEL PACK INTERVAL GROUT MATERIAL:  | Key punched  S: From  From  From  at cement   | 7 Torch 123   | cut128          | ft., From  | 10 Other (specim                      | fy) ft. t                                | tototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: (1.Ne Grout Intervals: From 50   | Key punched  S: From  From  LS: From  From  at cement   | 7 Torch 123 ft. to ft. to 117 ft. to ft. to  2 Cement grout 28 ft., From 6                                  | cut128          | ft., From  | 10 Other (specim                      | fy)                                      | tototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: (1.Ne Grout Intervals: From 50   | Key punched  S: From  From  LS: From  From  at cement   | 7 Torch 123 ft. to ft. to 117 ft. to gt. to 2 Cement grout 28 ft., From None known                          | cut128          | ft., Froi<br>ft., Froi<br>ft., Froi<br>onite 4<br>to10   | 10 Other (specimum                    | fy)                                      | tototototototototototototototototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: (1. Ne Grout Intervals: From 50  What is the nearest source of possii  1 Septic tank 4 La  | Key punched  S: From From LS: From From  at cement ft. to   | 7 Torch 123 ft. to 117 ft. to 2 Cement grout 28 ft., From ft. None known 7 Pit privy                        | 128             | ft., Froi<br>ft., Froi<br>nite 4<br>to10<br>10 Lives   | 10 Other (specimum                    | fy) ft. t<br>ft. t<br>ft. t<br>ft. t     | to |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From 5 What is the nearest source of possi 1 Septic tank 4 La 2 Sewer lines 5 C   | Key punched  S: From From  LS: From From  at cement ft. to  | 7 Torch 123 ft. to 117 ft. to 117 ft. to 2 Cement grout 28 ft., From ( None known 7 Pit privy 8 Sewage lage | 128             | ft., Froi<br>ft., Froi<br>nite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili                        | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t     | tototototototototototototototototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: (1. Ne Grout Intervals: From 50 What is the nearest source of possi 1 Septic tank 4 La 2 Sewer lines 5 C 3 Watertight sewer lines 6 Second   | Key punched  S: From From  LS: From From  at cement ft. to  | 7 Torch 123 ft. to 117 ft. to 2 Cement grout 28 ft., From ft. None known 7 Pit privy                        | 128             | ft., Froi<br>ft., Froi<br>onite 4<br>to 10<br>10 Lives<br>11 Fuel<br>12 Fertili                      | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t     | to |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 7.Ne Grout Intervals: From   | Key punched  S: From From  LS: From From  at cement ft. to  | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 128             | ft., Froi<br>ft., Froi<br>onite 4<br>to 10<br>10 Lives<br>11 Fuel<br>12 Fertili                      | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t     | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  LS: From From  at cement ft. to  | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |
| 2 Louvered shutter 4 SCREEN-PERFORATED INTERVAL  GRAVEL PACK INTERVAL  GROUT MATERIAL: 1. Ne Grout Intervals: From  | Key punched  S: From From  Es: From From  at cement  f. ft. to 1  ble contamination: ateral lines ess pool eepage pit  LITHOLOGIO | 7 Torch 123   | 3 Bento  ft.    | ft., Froi<br>ft., Froi<br>onite 4<br>to10<br>10 Lives<br>11 Fuel<br>12 Fertili<br>13 Insec<br>How ma | 10 Other (specime                     | fy) ft. t<br>ft. t<br>ft. t<br>ft. t<br> | tototototo   |             |

## BIG BEND GMD#5-KGS WATER QUALITY OBSERVATION WELL NETWORK

SITE NUMBER : 30

SITE LOCATION: NE NE SE

LEGAL LOCATION: 36-23-10W

COUNTY

: RENO

## WELL LOG

| FROM     | ТО    | LITHOLOGIC LOG OWNER: HORTON                        |  |  |  |  |  |
|----------|-------|---|--|--|--|--|--|
|          |       |   |  |  |  |  |  |
| 0        | 7     | orange silt and fine sand                           |  |  |  |  |  |
| 7        | 10    | very fine sand and orange clay                      |  |  |  |  |  |
| 10       | 30    | orange sandy clay; fine and very fine sand          |  |  |  |  |  |
| 30       | 35    | tan clay with fine sand and caliche                 |  |  |  |  |  |
| 35       | 40    | fine sand and no clay                               |  |  |  |  |  |
| 40       | 48    | clay, fine sand, gray to tan, caliche               |  |  |  |  |  |
| 48       | 48.2  | sand  |  |  |  |  |  |
| 48.2     | 49    | yellow, gray, orange clay                           |  |  |  |  |  |
| 49       | 50    | sand, caliche                                       |  |  |  |  |  |
| 50       | 55    | light gray clay, sand and caliche                   |  |  |  |  |  |
| 55       | 56    | sand, coarse to fine quartz/arkosic (QA); some Call |  |  |  |  |  |
| 56       | 56.5  | yellow clay lens                                    |  |  |  |  |  |
| 56.5     | 59    | coarse to med. sand with caliche, some fine gravel, |  |  |  |  |  |
|          |       | traces of light red clay                            |  |  |  |  |  |
| 59       | 70    | coarse QA sand, caliche, light red & light gray     |  |  |  |  |  |
|          |       | clay, some fine gravel, sand grades down to fine    |  |  |  |  |  |
| 70       | 71    | tan clay  |  |  |  |  |  |
| 71       | 74    | fine gravel, coarse to fine sand QA, some caliche   |  |  |  |  |  |
| 74       | 77    | yellow clay, coarse to fine sand                    |  |  |  |  |  |
| 77       | 80    | coarse sand, some caliche, tan clay                 |  |  |  |  |  |
| 80       | 85    | same with fine to medium gravel                     |  |  |  |  |  |
| 85       | 95    | coarse and medium sand                              |  |  |  |  |  |
| 95       | 125   | fine to coarse sand                                 |  |  |  |  |  |
| 125      | 135   | coarse sand, fine gravel, QA, caliche               |  |  |  |  |  |
| 135      | 138   | same, trace light red clay                          |  |  |  |  |  |
| 138      | 138.5 | 13clay, some caliche, yellow & lt.red with          |  |  |  |  |  |
|          |       | fine sand   |  |  |  |  |  |
| 138.5    | 165   | redbed PERMIAN; red siltstone with some fine        |  |  |  |  |  |
|          |       | red sand; green silty inclusions & crunchy          |  |  |  |  |  |
| ;        |       | drilling  |  |  |  |  |  |
|          |       | (N)   |  |  |  |  |  |
| :        |       |   |  |  |  |  |  |
| <u> </u> |       |   |  |  |  |  |  |
|          |       | (1) (2) (3)   |  |  |  |  |  |
|          |       |   |  |  |  |  |  |
|          |       | 155'/5' 123'/5' 60'/5'                              |  |  |  |  |  |
|          |       | TD=160' TD=128' TD=65'                              |  |  |  |  |  |

134

SITE NUMBER

SITE LOCATION : NE NE SE

LEGAL LOCATION: SEC36 T23S R10W

COUNTY : RENO LANDOWNER: ESTHER J. HORTON

ADDRESS : 1814 FARMSTEAD

WICHITA, KANSAS 67208

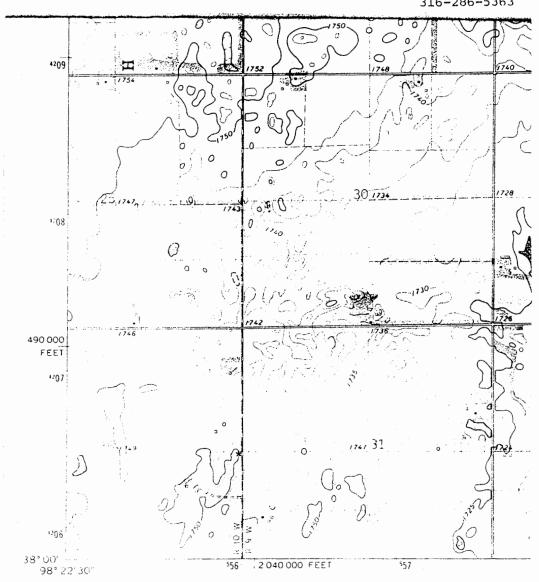
PHONE NO.:

: GENE HORTON (SON) TENANT

Box 62A

PLEVNA, KANSAS 67568

316-286-5363



Mapped, edited, and published by the Geological Survey