## KOLAR Document ID: 1362840

| □ original Record   □ Correction   □ change in Well Use   Resources App. No.   □ constplic Number T so whip Number Num  |            | R WELL R  |                  |                 | WWC-5                 |                | ivision of `   |                |                         |              |                   |  |
|---|------------|---|------------------|-----------------|-----------------------|----------------|--|----------------|-------------------------|--------------|-------------------|--|
| Contry:     is     is <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Well ID</td><td></td></t<>   |            |   |                  |                 |                       |                |  |                |                         | Well ID      |                   |  |
| 2     WELL OWNER: Las Name     Fract     Street of Rural Address where well is located of inscan, dimace and direct Address.       Address:     Addres:     Address:     Addr  |            |   | ATER WEL         | <b>.L:</b>      |                       |                | ection Nu  | mber           | -                       |              | 0                 |  |
| Binnest:<br>Address:   discutor from nearest town or interaction: If at owner's address, check here:     3   State:   ZIP:     3   DCATF WELL<br>Ministry:   ADDPTH OF COMPLETED WELL:   ft     N   Depthological form constructed:   1   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| Address:   State   ZP     Core  |            |   | ast manne:       |                 | FIISU:                |                |  |                |                         |              |                   |  |
| Cory:   Succ. 200     3 UOCATE WRIL<br>SECTION DRVIA<br>SECTION DRVIA<br>SECTION DRVIA<br>SECTION DRVIA<br>SECTION DRVIA<br>STATUE (STATUE (ST                          |            |   |                  |                 |                       | uncetion no.   | on nom nearest town of intersection). If at owner 5 address, eneek nere. |                |                         |              |                   |  |
| 3   10CATE WELL<br>WITH SYCHON BOX;<br>N   4   DEPTH OF COMPLETED WELL:   f. L     N   Depth/si Groundwater Encountered: 10   |            |   |                  | <u><u> </u></u> | 700                   |                |  |                |                         |              |                   |  |
| WITH YEY IN<br>SECTION BK   Public FLO DAYELFED WLLC:<br>N  | 2          | E WELL  |                  |                 |                       |                |  |                |                         |              |                   |  |
| SECTION BOX:   Depth(s) Genutativate: bacculatest (1)   n.   n.     N   N   N   n.   n.   n.     N   N   N   n.   n.   n.   n.     N   N   N   N   n.  |            |   |                  |                 |                       |                | ft. 5 L  | atitude        | :                       |              | (decimal degrees) |  |
| WELLS STATE WATER LEVEL:   n.     WELLS STATE WATER LEVEL:   n.     Bowe land surface, measured on (mo-day-yr).   CHS (unit makermodel:   (WASS enabled!) Yes:   No)     WELLS STATE WATER LEVEL:   Notes in surface, measured on (mo-day-yr).   (WASS enabled!) Yes:   No)     WELLS STATE WATER WASS.   Intertain the surface, measured on (mo-day-yr).   (WASS enabled!) Yes:   No)     WELL WATER TO BE USED AS:   Into.   ft. and   Online Mapper:   Into.     I Domesic:   S   Poblic Ware Supply: well ID.   Into.   Into.   Into.   Into.     I Domesic:   S   Poblic Ware Supply: well ID.   Into.   |            | SECTION BOX: Depth(s) Groundwater Encountered: 1) tt. Longitude:      |                  |                 |                       |                |  |                |                         |              |                   |  |
| below had surface, measured on (mo-day yr). below had surface, measur   | ]          | N   |                  |                 |                       |                |  |                |                         |              | AD 27             |  |
|   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| w   state:  | NW         | NE  | above l          | and surface,    | , measured on (mo-day | -yr)           |  |                |                         |              |                   |  |
| Well water was   ft.     after  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| image: | W          | μ   | after            |                 |                       |                |  | Online Mapper: |                         |              |                   |  |
| S   Der Bide Diameter   in. to   f. and     Y   Der Bide Diameter   in. to   f. and     Y   WELL WATER TO BE USED AS:   I. Domsstic:   I. Domstic:   I. Domsstic:  | SW         | SE  | after            |                 |                       |                |  |                |                         |              |                   |  |
| Image:   In. to   In. to   In. to     7   WELL WATER TO BE USED AS:   In. to   In. to   In. to     I Domeshick   5   P bbic Water Supply: well D   In. to   In. to   In. to     I Lawa & Garden   7   A quife Recharge: well D   In. to   In. to <td></td> <td></td> <td></td> <td></td> <td></td> <td>or</td> <td></td> <td></td> <td></td> <td></td> <td></td>   |            |   |                  |                 |                       | or             |  |                |                         |              |                   |  |
| 7   WELL WATER TO BE USED AS:     1. Domestic:   5   Public Water Supply: well ID   10.   Oh Field Water Supply: lease     1. Housshold   6   Dewatering: how many wells?   11. Test Hole: well ID   Cased   Uncased   Geotechnical     1. Livestock   8.   Montioning: well ID   12. Geotechnical   a) Closed Loop    brizzontal   Vertical     2.   Irigation   9. Environmental Reneduation: well ID   13.   Other Specify:   a) Closed Loop    brizzontal   Vertical     4.   Industrial   Receivery   Injection   13.   Other Specify:   a) Closed Loop    brizzontal   Vertical     Was a chemical/bacteriological sample submitted to KDHE?   Yes   No   If yes, data sample was submitted:   Welded    Threaded     Casing height show land surfice   in.   in.   in.   No   in.   fit.     Stree   Stree   Staintes Stee   Fit.   None used (open hole)   Cother (Specify)   cother   fit.     Casing height show land surfixed Steed   Fibreglass   PVC   Cother (Specify)   cother   fit.   fit.     Steel   Staintes Steel   Stop Partoco   |            | -   | Bore Hole I      |                 |                       |                | <u>S</u>   |                |                         |              |                   |  |
| 1. Domestic:   S. □ Public Water Supply: well D   10. □ Of Teld Water Supply: lease     □ Lawn & Garden   7. □ Aquifer Recharge: well D   11. Test Hole: well D   □ Cased   □ Geotechnical     2. □ Irrigation   9. Environmental Remediation: well D   12. Geothermal: how many hores?   13. □ Chell On D   14. Geothermal: how many hores?     3. □ Feedlot   Ar Starge   □ Injection   13. □ Other (specify):   0 Other (specify):     Water well Sinfected?   Yes □ No   If yes, date sample submitted:   |            |   | DE LICED         |                 | in. to                | ft.            |  | L              |                         |              |                   |  |
| □ lawn & Garden   1. Text Hole: well ID   1. Text Hole: well ID     □ Lawn & Garden   1. Garden   □ Cased   |            |   |                  |                 | ter Supply: well ID   |                | 10 F   | ⊐ Oil Fi       | eld Water Supply: 1     | 226          |                   |  |
| □ Lawn & Garden   ?. □ Aquifer Recharge: well ID   □ Cased   □ Geotechnical     2. □ Irrigation   9. Environmental Remediation: well ID   12. Geothermal: how may bores?.     3. □ Feedlot   □ Art Sparge   □ Soil Vapor Extraction   a) Closed Loop   □ Horizontal □ Vertical     4. □ Industrial   □ Recovery   □ Injection   13. □ Other (specify):  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 2. — Irrigation   9. Environmental Remediation: well ID   a) Closed Loop   Horizontal   vircal     3. — Jeediot   A: Sparge   Soil Vapor Extraction   b) Open Loop   Surface Discharge   Inj, of Water     4. — Industrial   Recovery   Injection   13. — Other (specify):   b) Open Loop   Surface Discharge   Inj, of Water     Water well disinfected?   Yes   No   If yes, date sample was submitted:   | 🗌 Lawn     | & Garden  |                  |                 |                       |                |  |                |                         |              |                   |  |
| 3.   Feedlot     Air Sparge     Soil Vapor Extraction   b) Open Loop     Surface Discharge     Inj. of Water     4.   Industrial     Recovery     Injection   13.   Other (specify):     Inj. of Water     Was a chemical/bacteriological sample submitted to KDHE?     Yes     No   If yes, date sample was submitted:     Water well disinfected?   Yes     No   If yes, date sample was submitted:     Inj. of Water     8 TYPE OF CASING USED:     Steel   PVC   Other   CASING JOINTS:     Glued   Clamped   Welded   Threaded     Casing diameter   in. to  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 4   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| Was a chemical/bacteriological sample submitted to KDHE?   Yes   No   If yes, date sample was submitted:     Water well disinfected?   Yes   No   If yes, date sample was submitted:     B TYPE OF CASING USED:   Steel   PVC   Other   CASING JOINTS:   Glued   Clamped   Welded   Threaded     Casing height above land surface   in.   Weight   ibs/ft.   Walt thickness or gauge No   in.   to   ft.     Casing height above land surface   in.   Weight   ibs/ft.   Walt thickness or gauge No   it.   to   ft.   ft.     Casing height above land surface   in.   Weight   ibs/ft.   Walt thickness or gauge No   it.   ft.   ft. <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>Extraction</td> <td></td> <td></td> <td></td> <td></td> <td></td>  |            |   |                  |                 | -                     | Extraction     |  |                |                         |              |                   |  |
| Water well disinfected?   is by content     8 TYPE OF CASING USED:   Steel   PVC   Other     Casing diameter   in. to   ft, Diameter   in. to   ft, Diameter     Casing height above land surface   in. Weight   lbs./ft.   Wall thickness or gauge No.   ft.     TYPE OF SCREEN OR PERFORATION MATERIAL:   lbs./ft.   Wall thickness or gauge No.   ft.   ft.     SCREEN OR PERFORATION OPERFORATION GARE:   Continuous Slot   Mill Slot   Gauze Wrapped   Torch Cut   Drilled Holes   Other (Specify)   ft.     SCREEN OR PERFORATION OPENINGS ARE:   Continuous Slot   Mill Slot   Gauze Wrapped   Torch Cut   Drilled Holes   Other (Specify)   ft.   ft.     SCREEN OR PERFORATION OPENINGS ARE:   ft. to   ft., from   ft. to   ft.   |            |   |                  |                 | -                     |                |  |                |                         |              |                   |  |
| 8 TYPE OF CASING USED:   Ised   PVC   Other   CASING JOINTS:   Glued   Clamped   Medded   Threaded     Casing height above land surface   in.   to   ft, Diameter   in.   to   ft, Diameter     Casing height above land surface   in.   Weight   Wall thickness or gauge No.   ft, Diameter     TYPE OF SCREEN OR PERFORATION MATERIAL:   Image: Construction of the state o  |            |   |                  |                 |                       |                | n yes,   | uaic sa        | imple was submitte      | u            |                   |  |
| Casing diameter   in. to   ft. Diameter   in. to   ft. Diameter     Casing height above land surface   in. Weight   lbs/ft. Wall thickness or gauge No   ft.     Casing height above land surface   in. Weight   lbs/ft. Wall thickness or gauge No   ft.     TYPE OF SCREEN OR PERFORATION MATERIAL:   Other (Specify)   other (Specify)   ft.     Brass   Galvanized Steel   Fiberglass   Other (Specify)   ft.     Continuous Slot   Mill Slot   Gauze Wrapped   Torch Cut   Drilled Holes   Other (Specify)     Continuous Slot   Key Punched   Wire Wrapped   Saw Cut   None (Open Hole)     SCREEN-PERFORATED INTERVALS:   From   ft. to   ft., From   ft. to   ft. ft.     Grout Intervals:   From   ft. to   ft., From   ft. to   ft. ft.   ft.     Grout Intervals:   From   ft. to   ft. ft. From   ft. to   ft. ft.   ft.     Seguic Tank   Cates Pool   Sewage Lagoon   Fuel Storage   Other (Specify)   ft.     Distance from well?   Distance from well?   ft.   ft.   ft.   ft.     Iot  |            |   |                  |                 | C 🗆 Other             | CAS            | ING JOI  | NTS: Г         | Glued Clamper           | 1 🗆 Welde    | 1 🗆 Threaded      |  |
| TYPE OF SCREEN OR PERFORATION MATERIAL:     Brass   Glavanized Steel   Fiberglass   PVC   Other (Specify)     Brass   Glavanized Steel   Concrete tile   None used (open hole)     SCREEN OR PERFORATION OPENINGS ARE:   Continuous Slot   Mill Slot   Gauze Wrapped   Torch Cut   Drilled Holes   Other (Specify)     Continuous Slot   Mill Slot   Gauze Wrapped   Saw Cut   None (Open Hole)     SCREEN-PERFORATED INTERVALS:   From   ft. to   ft. ft. from   ft. to   ft. to   ft. to   ft.  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| Steel   Stainless Steel   □ Fiberglass   □ PVC   □ Other (Specify)   □ Stainless Steel   □ Stainless Steel   □ None used (open hole)     SCREEN OR PERFORATION OPENINGS ARE:   □ Continuous Slot   □ Mill Slot   □ Gauze Wrapped   □ Torch Cut   □ Dillel Holes   □ Other (Specify)   □ Other (Specify)     □ Louvered Shutter   Key Punched   Wire Wrapped   □ Saw Cut   □ None (Open Hole)     SCREEN.PERFORATED INTERVALS:   From   … ft. to  |            |   |                  |                 |                       | lbs./ft        | . Wall   | thicknes       | ss or gauge No          |              |                   |  |
| Brass   Galvanized Steel   Concrete tile   None used (open hole)     SCREEN OR PERFORATION OPENINGS ARE:   Continuous Slot   Gauze Wrapped   Torch Cut   Drilled Holes   Other (Specify)     Louvered Shutter   Key Punched   Wire Wrapped   Saw Cut   None (Open Hole)     SCREEN-PERFORATED INTERVALS:   From   ft. to   ft. from   ft. to   ft. to     GROUT MATERIAL:   Neat cement   Cement grout   Bentonite   Other  |            |   |                  |                 |                       |                | _  |                |                         |              |                   |  |
| SCREEN OR PERFORATION OPENINGS ARE:   |            |   |                  |                 |                       | used (onen h   |  | Other          | (Specify)               |              |                   |  |
| □ Continuous Slot   □ Mill Slot   □ Gauze Wrapped   □ Torch Cut   □ Drilled Holes   □ Other (Specify)     □ Louvered Shutter   □ Key Punched   □ Wire Wrapped   □ Saw Cut   □ None (Open Hole)     SCREEN-PERFORATED INTERVALS:   From   f. to   f., From   f. to   f., From   f. to   f. to   f. f.     GRAVEL PACK INTERVALS:   From   f. to   f., From   f. to   f. to   f. f.     Grout Intervals:   From   f. to   f., From   f. to   f. f.     Grout Intervals:   From   f., From   f. to   f. f.     Septic Tank   □ Lateral Lines   □ Pit Pivy   Livestock Pens   □ Insecticide Storage     □ Sever Lines   □ Ceess Pool   □ Sewage Lagoon   □ Fuel Storage   □ Oil Well/Gas Well     □ Other (Specify)   □ Distance from well?   f.   f.   f.     10 FROM   TO   LITHOLOGIC LOG   FROM   TO   LITHO. LOG (cont.) or PLUGGING INTERVALS     Image: Sever Lines   □ Image: Sever CertrificATION:   This water well was □ constructed, □ reconstructed, or □ plugged     10 FROM   TO   LITHOLOGIC LOG   FROM <td></td> <td></td> <td></td> <td></td> <td></td> <td>iseu (open no</td> <td>ne)</td> <td></td> <td></td> <td></td> <td></td>   |            |   |                  |                 |                       | iseu (open no  | ne)  |                |                         |              |                   |  |
| SCREEN-PERFORATED INTERVALS: From   |            |   |                  |                 |                       | orch Cut 🔲     | Drilled Ho   | oles 🗌         | ] Other (Specify)       |              |                   |  |
| GRAVEL PACK INTERVALS: From   ft. to   ft. From   ft.  |            |   |                  | ned 🗌 W         | ire Wrapped 🛛 Sa      |                |  |                |                         |              |                   |  |
| 9 GROUT MATERIAL:   Neat cement   Cement grout   Bentonite   Other  |            |   |                  |                 |                       |                |  |                | ,                       |              |                   |  |
| Grout Intervals: Fromft. toft., Fromft., Fromft., From  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| Nearest source of possible contamination:   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| □ Septic Tank   □ Lateral Lines   □ Pit Privy   □ Livestock Pens   □ Insecticide Storage     □ Sewer Lines   □ Cess Pool   □ Sewage Lagoon   □ Fuel Storage   □ Abandoned Water Well     □ Other (Specify)   □ Other (Specify)   □ Fertilizer Storage   □ Oil Well/Gas Well     □ Other (Specify)   □ Distance from well?   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| □ Watertight Sewer Lines   □ Seepage Pit   □ Feedyard   □ Fertilizer Storage   □ Oil Well/Gas Well     □ Other (Specify)  |            |   |                  |                 | s 🗌 Pit Privy         |                |  |                | Insection               | cide Storage |                   |  |
| □ Other (Specify)   Distance from well?   ft.     10 FROM   TO   LITHOLOGIC LOG   FROM   TO   LITHO. LOG (cont.) or PLUGGING INTERVALS     Image: Intervention of the structure of t   |            | Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well |                  |                 |                       |                |  |                |                         | Well         |                   |  |
| Direction from well?   Distance from well?   ft.     10 FROM   TO   LITHOLOGIC LOG   FROM   TO   LITHO. LOG (cont.) or PLUGGING INTERVALS     Image: Intervention of the structure in  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 10 FROM   TO   LITHOLOGIC LOG   FROM   TO   LITHO. LOG (cont.) or PLUGGING INTERVALS  |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| Image: |            |   |                  |                 |                       |                |  |                |                         |              | G INTERVALS       |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
| 11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year)   |            |   |                  |                 |                       | Notes          |  |                |                         |              |                   |  |
| under my jurisdiction and was completed on (mo-day-year) and this record is true to the best of my knowledge and belief.<br>Kansas Water Well Contractor's License No This Water Well Record was completed on (mo-day-year)<br>under the business name of<br>Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well.<br>KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.  |            | +   |                  |                 |                       | 10105.         |  |                |                         |              |                   |  |
| under my jurisdiction and was completed on (mo-day-year) and this record is true to the best of my knowledge and belief.<br>Kansas Water Well Contractor's License No This Water Well Record was completed on (mo-day-year)<br>under the business name of<br>Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well.<br>KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.  |            |   |                  |                 |                       | -              |  |                |                         |              |                   |  |
| Kansas Water Well Contractor's License No.   This Water Well Record was completed on (mo-day-year)     under the business name of   Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.     KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.   | 11 CONT    | RACTOR'S  | OR LANDO         | OWNER'S         | S CERTIFICATIO        | N: This wa     | ter well w   | vas 🗌 c        | constructed, 🗌 reco     | onstructed,  | or 🗌 plugged      |  |
| under the business name of     Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.     KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.  | under my j | urisdiction an  | d was compl      | eted on (n      | no-day-year)          | an             | d this reco  | ord is tu      | tue to the best of m    | y knowled    | ge and belief.    |  |
| Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each <u>constructed</u> well.<br>KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.   |            |   |                  |                 |                       |                |  |                |                         |              |                   |  |
|   |            | 2   | Send one copy to | WATER W         | ELL OWNER and retain  | one for your r | cords. Fee   | of \$5.00      | for each constructed we | ell.         |                   |  |
|   | -          |   |                  |                 |                       |                |  |                |                         |              |                   |  |

| Form       | WWC5                                |
|------------|-------------------------------------|
| Contractor | Hydro Resources Mid Continent, Inc. |
| Well Owner |                                     |
| Doc ID     | 1362840                             |

## Litholgy

| From | То  | LithologicLog  |
|------|-----|--|
| 0    | 2   | surface  |
| 2    | 50  | brown sandy clay                                     |
| 50   | 72  | brown gray clay                                      |
| 72   | 107 | sand fine to med coarse, few clay                    |
| 107  | 124 | brown clay, lime rock, few<br>sand                   |
| 124  | 135 | sand fine  |
| 135  | 148 | sand, very fine to fine, some clays                  |
| 148  | 160 | brown clay   |
| 160  | 173 | sand fine to small                                   |
| 173  | 222 | brown clay, lime rock, few sand                      |
| 222  | 243 | sand fine to med, few coarse                         |
| 243  | 284 | blue clay, lime rock                                 |
| 284  | 300 | sand fine to med some coarse                         |
| 300  | 328 | sand fine to med coarse                              |
| 328  | 344 | sand fine to med coarse, few clay, some small gravel |
| 344  | 370 | brown clay, lime rock                                |
| 370  | 390 | brown-yellow clay                                    |
| 390  | 403 | sand, silt to very fine                              |
| 403  | 425 | brown-yellow clay, lime rock                         |
| 425  | 445 | brown rock, few clay                                 |
| 445  | 460 | red bed  |