KOLAR DOC ID _____ WELL ID_

WATER WELL RECORD (WWC-5)

| OCATION OF WATER WELL | _ | | | | Orig | ginal Recor | d Correction | Change | ın Well | Us | |
|---|--------------|--|--|------------------------|------------------------|---------------------|---|-----------------|-------------|------|--|
| Latitude | Longitude | | S | ection | Township | Range | E W Fraction | 1/4 | 1/4 | 1/2 | |
| Datum Elevation | | | (| County | | | | | | | |
| VATER WELL OWNER | | | WELL W | ATER USE | | | NEAREST SOURCE OF PO | OTENTIAL CO | NTAMINA | \TIC | |
| Name | | | | | | | Source: | | | | |
| Business | | | COMPL | FTION | | | Distance | Direction | | | |
| Dusiness | | | | | | | from well: | from well: | | | |
| Address | | | Depth of completed well:ft. Depth(s) groundwater encountered: | | | | Source description: | | | | |
| | | | (1) | ft.; | (2) ft.; | | Source: | | | | |
| Well location | | | (3) ft.; (4) dry well | | | | Distance Direction from well: | | | | |
| at owner's address | | Static water level in well: ft. measured below land surface | | | | Source description: | nom wen. | | | | |
| CONSTRUCTION | | | | (mm/dd/y | | | No potential source | of contamine | ntion | _ | |
| CONSTRUCTION Borehole interval: | Borehole dia | meter: | | asured abo (mm/dd/y | ve land surface y): | | within 100 feet. | | | | |
| fromto ft. | | in. | Ectima | ted vield: | gpm | | PERMIT & ID NUMBERS | (AS REQUIR | ED) | | |
| fromto ft. | | | | | ft. after | hours | DWR Application No: | | | | |
| l. | | | water | ever was: _ | | | DWR Application No.:KDHE / EPA Project Code: | | | | |
| Casing height above land sur | | in. | Dumn | installed? | pumping Yes No | _ gpm | Site Name: | | | | |
| If casing height is less that has a variance been appro | | s No | Pullip. | instaneu: | res No | | KDHE UIC Class V Form Completed: Yes N | | | | |
| *variance not required for | | | Water | well disinfe | ected? Yes No | | | - | | | |
| or environmental remed | | | Date disinfected (mm/dd/yy): | | | | County Permit: Yes No Permit ID: Lease Name & Well #: | | | | |
| Casing type: | | | | | | | # of boreholes: | | | | |
| Blank casing interval: | ft. to | ft. | Aquife | r, if known | : | | # Of boreffoles. | # or dewaterin | ig weiis: _ | | |
| Blank casing diameter: | in. | | LITHOL | OGIC LOG | | | | | | | |
| Casing joints: | | | FROM | то | LITHOLOGY INTE | RVALS | | | | | |
| Weight:lbs/ | /ft. | | | | | | | | | | |
| Wall thickness or gauge n | 10.: | | | | | | | | | _ | |
| Blank casing interval: | ft. to | ft. | | | | | | | | | |
| Blank casing diameter: | in. | | | | | | | | | | |
| Casing joints: | | | | | | | | | | | |
| Weight:lbs/ | /ft. | | | | | | | | | | |
| Wall thickness or gauge n | 10.: | | | | | | | | | | |
| Grout interval: ft. to | ft | | | | | | | | | | |
| Grout material: | | | | | | | | | | | |
| Grout interval: ft. to | | | | | | | | | | | |
| Grout material: | | | COMM | NTS | | | | | | | |
| | | | | | | | | | | | |
| Screen / perforation material: | | | | | | | | | | | |
| Screen / perforation opening | | | CONTR | ACTOR'S | OR LANDOWNERS CEF | RTIFICATION | | | | | |
| Screen / perforation intervals: | | | | | was constructed | reconstru | cted pursuant to the | ne stated wa | ter well | | |
| Fromft. to | | | | | | | • | | | | |
| Slot size unit _ | | | | | = | | I certify that | | | | |
| From ft. to | | | | - | _ | | vell record was complete | | | | |
| Slot size unit _ | | | | | | | | | | | |
| Gravel pack intervals: | | | Kansa | s Water V | Vell Contractor's Lice | nse No | under the auth | ority of the | designat | ed | |
| - | Gravel size | | person | n as defin | ed in K.A.R. 28-30-2(| j) and signed | d and certified by the ele | ctronic sign | ature of | th | |
| Gravel pack not used: Gravel size in From ft. to ft. | | | designated person at its submittal: | | | | | | | | |
| | | 2 | Send on | e copy to V | VATER WELL OWNER | | for your records. Fee of \$5. | .00 for each cc | nstructed | l w | |
| Gravel pack not used: Gravel size in From ft. to ft. | | | | | KANSAS DEPAR | TMENT OF H | EALTH AND ENVIRONME ackson St., Suite 420, Tope | ENT | | | |

| Form | WWC5.2 - Water Well Record | | | |
|------------|------------------------------|--|--|--|
| Doc ID | 1793242 | | | |
| Well Owner | Ryan Shaffer | | | |
| Contractor | Jantzen Water Well LLC #1046 | | | |

Casing

| From | То | Casing Diameter | Casing Joint | | Wall Thickness or Gauge Number |
|------|-----|--------------------|--------------|-----|---|
| 0 | 335 | 5 | Glued | 200 | |
| 375 | 400 | 5 | Glued | 200 | |
| 440 | 460 | 5 | Glued | 200 | |

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Lithology

| From | То | Lithology Intervals | | |
|------|-----|----------------------------|--|--|
| 0 | 3 | topsoil | | |
| 3 | 52 | clay,sandy,tan | | |
| 52 | 65 | clay,brown | | |
| 65 | 225 | sand,medium | | |
| 225 | 250 | sand,fine to medium,clayey | | |
| 250 | 315 | clay,sandy,tan | | |
| 315 | 335 | shale,unweathered | | |
| 335 | 353 | sandstone,fractured | | |
| 353 | 355 | shale,unweathered | | |
| 355 | 357 | sandstone,fractured | | |
| 357 | 365 | shale,unweathered | | |
| 365 | 380 | sandstone,broken | | |
| 380 | 445 | sandstone,fractured | | |
| 445 | 450 | shale,unweathered | | |
| 450 | 500 | sandstone,fractured | | |

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Screen and Gravel

| From | То | | Gravel Pack Used | | | Gravel Size |
|------|-----|--|---------------------|-----|-----|----------------|
| 335 | 375 | | Yes | 25 | 315 | |
| 400 | 440 | | Yes | 325 | 440 | |
| 460 | 500 | | Yes | 440 | 500 | |