

WATER WELL RECORD (WWC-5)

KOLAR DOC ID _____ WELL ID _____
 Original Record Correction Change in Well Use

LOCATION OF WATER WELL

| | | | | | | | | | | | | | | |
|----------|--|-----------|--|---------|--|----------|--|-------|--|--------|----------|---|---|---|
| Latitude | | Longitude | | Section | | Township | | Range | | E W | Fraction | ¼ | ¼ | ¼ |
| Datum | | Elevation | | County | | | | | | | | | | |

WATER WELL OWNER

| | |
|---|--|
| Name | |
| Business | |
| Address | |
| Well location at owner's address | |

WELL WATER USE

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COMPLETION

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|---|
| Depth of completed well: _____ ft. |
| Depth(s) groundwater encountered: (1) _____ ft.; (2) _____ ft.; (3) _____ ft.; (4) dry well |
| Static water level in well: _____ ft. measured below land surface on (mm/dd/yy): _____ measured above land surface on (mm/dd/yy): _____ |
| Estimated yield: _____ gpm |
| Water level was: _____ ft. after _____ hours pumping _____ gpm |
| Pump installed? Yes No |
| Water well disinfected? Yes No |
| Date disinfected (mm/dd/yy): _____ |
| Aquifer, if known: |

NEAREST SOURCE OF POTENTIAL CONTAMINATION

| |
|---|
| Source: _____ |
| Distance from well: _____ Direction from well: _____ |
| Source description: _____ |
| Source: _____ |
| Distance from well: _____ Direction from well: _____ |
| Source description: _____ |
| No potential source of contamination within 100 feet. |

CONSTRUCTION

| | |
|--|---------------------------------|
| Borehole interval: from _____ to _____ ft. | Borehole diameter: _____ in. |
| from _____ to _____ ft. | _____ in. |
| Casing height above land surface: _____ in. | |
| If casing height is less than 12 in. has a variance been approved?* Yes No | |
| *variance not required for monitoring or environmental remediation wells | |
| Casing type: _____ | |
| Blank casing interval: _____ ft. to _____ ft. | |
| Blank casing diameter: _____ in. | |
| Casing joints: _____ | |
| Weight: _____ lbs/ft. | |
| Wall thickness or gauge no.: _____ | |
| Blank casing interval: _____ ft. to _____ ft. | |
| Blank casing diameter: _____ in. | |
| Casing joints: _____ | |
| Weight: _____ lbs/ft. | |
| Wall thickness or gauge no.: _____ | |
| Grout interval: _____ ft. to _____ ft. | |
| Grout material: _____ | |
| Grout interval: _____ ft. to _____ ft. | |
| Grout material: _____ | |
| Screen / perforation material: _____ | |
| Screen / perforation openings: _____ | |
| Screen / perforation intervals: From _____ ft. to _____ ft. | |
| Slot size _____ unit _____ | |
| From _____ ft. to _____ ft. | |
| Slot size _____ unit _____ | |
| Gravel pack intervals: Gravel pack not used: Gravel size _____ in | |
| From _____ ft. to _____ ft. | |
| Gravel pack not used: Gravel size _____ in | |
| From _____ ft. to _____ ft. | |

PERMIT & ID NUMBERS (AS REQUIRED)

| |
|---|
| DWR Application No.: _____ |
| KDHE / EPA Project Code: _____ |
| Site Name: _____ |
| KDHE UIC Class V Form Completed: Yes No |
| County Permit: Yes No Permit ID: _____ |
| Lease Name & Well #: _____ |
| # of boreholes: _____ # of dewatering wells: _____ |

LITHOLOGIC LOG

| FROM | TO | LITHOLOGY INTERVALS |
|------|----|---------------------|
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COMMENTS

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CONTRACTOR'S OR LANDOWNERS CERTIFICATION

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|---|
| This water well was constructed reconstructed pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____. |
|---|

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

| | |
|------------|----------------------------|
| Form | WWC5.2 - Water Well Record |
| Doc ID | 1638861 |
| Well Owner | GALE FRANK |
| Contractor | Downey Drilling, Inc. #748 |

Casing

| From | To | Casing Diameter | Casing Joint | Casing Weigh | Wall Thickness or Gauge Number |
|------|-----|-----------------|--------------|--------------|--------------------------------|
| 0 | 268 | 16 | Welded | | .250 |
| 470 | 510 | 16 | Welded | | .080 |
| 610 | 681 | 16 | Welded | | .250 |
| 761 | 770 | 16 | Welded | | .250 |

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Lithology

| From | To | Lithology Intervals |
|------|-----|--|
| 0 | 3 | topsoil,dark,brown,soft |
| 3 | 15 | clay,silty,brown,soft |
| 15 | 27 | sand,fine,brown,soft |
| 27 | 58 | clay,fine,sandy,light,whiteish,tan,firm,CALICHE |
| 58 | 74 | sand,fine to coarse,firm |
| 74 | 90 | sand & gravel,fine to coarse,stiff |
| 90 | 107 | gravel,medium to coarse,sandy,stiff |
| 107 | 115 | sand & gravel,fine to coarse,white,hard,LIMEROCK |
| 115 | 120 | clay,sandy,brown,soft,FINE SAND |
| 120 | 130 | sand,fine to coarse,gravelly,stiff |
| 130 | 134 | clay,sandy,brown,soft,FINE SAND |
| 134 | 156 | sand & gravel,fine to coarse,gravelly,hard |
| 156 | 170 | sand & gravel,fine to coarse,clayey,tan,stiff,SANDY CLAY |
| 170 | 174 | clay,gray,soft |
| 174 | 189 | sand,fine to coarse,gravelly,white,stiff |
| 189 | 190 | sand,fine,white,hard |

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Lithology

| From | To | Lithology Intervals |
|------|-----|--|
| 190 | 216 | limestone,unweathered,sandy ,brownish,gray |
| 216 | 235 | sand,fine to coarse,firm |
| 235 | 258 | sand & gravel,fine to coarse,gravelly,stiff |
| 258 | 262 | clay,coarse,brown |
| 262 | 267 | sand,fine to coarse,brown |
| 267 | 287 | sand,fine to coarse,white,LIMEROCK |
| 287 | 291 | sand,fine,white,hard |
| 291 | 305 | sand & gravel,fine,stiff |
| 305 | 322 | limestone,unweathered,sandy ,F/M GRAVEL |
| 322 | 332 | sand,fine to coarse,gravelly,tannish,white, stiff,SANDY CLAY |
| 332 | 335 | clay,brown |
| 335 | 348 | sand & gravel,fine to coarse,gravelly,hard |
| 348 | 352 | clay,brown |
| 352 | 372 | sand,fine to coarse,clayey,whiteish,brown ,stiff |
| 372 | 375 | clay,silty,brownish,gray,soft |
| 375 | 384 | sand,fine to coarse,clayey,whiteish,tan |
| 384 | 400 | limestone,unweathered,sandy ,tannish,white,SANDY CLAY |

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Lithology

| From | To | Lithology Intervals |
|------|-----|---|
| 400 | 409 | limestone,unweathered,sandy ,whiteish,tan |
| 409 | 450 | limestone,unweathered,sandy ,F/M/C SAND |
| 450 | 453 | sandstone,slightly weathered,hard |
| 453 | 462 | sandstone,slightly weathered,sandy,yellowish,br own,SS, FINE SAND |
| 462 | 475 | sandstone,slightly weathered,brown,hard,SAND STONE |
| 475 | 487 | other,slightly weathered,gray,SOAPSTONE & CLAY |
| 487 | 520 | shale,slightly weathered,clayey,blueish,gra y,soft |
| 520 | 615 | sandstone,slightly weathered,gray,hard,FINE SAND, IRON PYRITE & SHALE |
| 615 | 665 | shale,unweathered,other,soft |
| 665 | 680 | sandstone,unweathered,gray, hard,FINE SAND |
| 680 | 692 | shale,slightly weathered,other,soft |
| 692 | 705 | sandstone,unweathered,gray, soft,FINE SAND |
| 705 | 722 | shale,unweathered,other,soft |

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Lithology

| From | To | Lithology Intervals |
|------|-----|---|
| 722 | 755 | sandstone,unweathered,gray, hard,FINE SAND |
| 755 | 770 | shale,unweathered,other,soft |

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Screen and Gravel

| From | To | Slot Size | Slot Size Units | Gravel Pack Used | Gravel Pack From | Gravel Pack To | Gravel Size |
|------|-----|-----------|-----------------|------------------|------------------|----------------|-------------|
| 268 | 388 | .08 | inches | Yes | 20 | 770 | |
| 388 | 430 | .1 | inches | No | | | |
| 430 | 470 | .08 | inches | No | | | |
| 510 | 550 | .06 | inches | No | | | |
| 550 | 610 | .05 | inches | No | | | |
| 681 | 721 | .06 | inches | No | | | |
| 721 | 761 | .05 | inches | No | | | |