

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: | Borehole diameter: |
| from _____ to _____ ft. | _____ 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 | 1659458 |
| Well Owner | Liberty Utilities, Riverton Power Station |
| Contractor | Midwest Hydro Drlg. & Ser., Inc. |

Bore Holes

| From | To | Diameter |
|------|------|----------|
| 0 | 5 | 36 |
| 5 | 12 | 28 |
| 12 | 78 | 22 |
| 78 | 600 | 17 |
| 600 | 1200 | 12 |

| | |
|------------|---|
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Casing

| From | To | Casing Diameter | Casing Joint | Casing Weigh | Wall Thickness or Gauge Number |
|------|-----|-----------------|--------------|--------------|--------------------------------|
| 0 | 5 | 30 | Welded | 118 | .375 |
| 5 | 12 | 24 | Welded | 95 | .375 |
| 0 | 78 | 18 | Welded | 71 | .375 |
| 0 | 600 | 12 | Welded | 50 | .375 |

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Lithology

| From | To | Lithology Intervals |
|------|-----|--|
| 0 | 40 | sand & gravel,medium to coarse,clayey,dark,reddish,m oist,loose,not cemented,iron oxide staining |
| 40 | 65 | gravel,medium to coarse,dark,grayish,gray,very moist,hard,weakly cemented,no staining |
| 65 | 85 | limestone,moderately weathered,cherty,dark,grayis h,gray,hard,medium bedded |
| 85 | 545 | limestone,moderately weathered,dark,grayish,gray, hard,thickly bedded |
| 545 | 590 | limestone,moderately weathered,cherty,light,grayis h,gray,hard,thinly bedded |
| 590 | 720 | limestone,moderately weathered,dark,grayish,gray, hard,thickly bedded |
| 720 | 740 | limestone,moderately weathered,cherty,light,grayis h,gray,hard,thinly bedded |
| 740 | 750 | limestone,highly weathered,sandy,light,grayish ,gray,hard,thinly bedded |
| 750 | 770 | sandstone,moderately weathered,sandy,light,whiteis h,white,soft,thinly bedded |

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Lithology

| From | To | Lithology Intervals |
|------|------|--|
| 770 | 785 | limestone,moderately weathered,dark,grayish,gray, hard,thinly bedded |
| 785 | 810 | limestone,highly weathered,sandy,light,grayish ,gray,soft,thinly bedded |
| 810 | 945 | sandstone,highly weathered,cherty,light,whiteish,white,soft,thickly bedded |
| 945 | 1160 | dolomite,moderately weathered,dark,grayish,gray, very hard,thickly bedded |
| 1160 | 1200 | dolomite,moderately weathered,cherty,dark,grayish ,gray,very hard,thickly bedded |