

County: Wichita Fraction NW NW NW SW Sec. 24 T 16 S R 38 E(W)

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: Thelma Miller

Location was listed as:

Section-Township-Range: 23-16 S-38 W

Fraction (1/4 1/4 1/4): NE NE NE SE

Location changed to:

24-16 S-38 W

NW NW NW SW

Other changes: Initial statements: Datum: NAD 27

Changed to: Datum: NAD 83

Comments: _____

Verification method: Latitude & longitude (NAD83), KGS "LEO" conversion tool, water rights information in WIMAS database, county ownership directory, and mapping tool & aerial photos on KGS website initials: DRJ date: 12/2/2013

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

1155293

Division of Water Resources App. No.

1685

Well ID

- Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Wichita Fraction NE 1/4 NE 1/4 NE 1/4 SE 1/4 Section Number 23 Township Number T 16 S Range Number R 38 E W

2 WELL OWNER: Last Name: MILLER First: THELMA Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: 11 MILES NORTH EAST OF LEOTI KANSAS

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W X E S 1 mile 4 DEPTH OF COMPLETED WELL: 232 ft. 5 Latitude: 38.64730 Longitude: 101.47638 Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model: (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: 6 Elevation: 3417 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 16 in. to 231 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 12 in. Weight 36.95 lbs./ft. Wall thickness or gauge No. 219 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 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 182 ft. to 212 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 20 ft. to 232 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft. 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 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other (Specify) Direction from well? Distance from well? ft.

Table with columns: 10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS. Includes a Notes section.

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) 6/12/2013 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo-day-year) 08/14/2013 under the business name of Hydro Resources Mid Continent, Inc.

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	THELMA MILLER
Doc ID	1155293

Litholgy

From	To	LithologicLog
0	2	SURFACE
2	20	LOESS
20	36	CLAY
36	48	FINE 7 MED SAND W. CLAY & CALICHE
48	57	CALICHE & CLAY W SAND LENSES
57	61	FINE & MED SAND W CLAY 7 CALICHE
61	71	FINE & MEDIUM SAND W CLAY& CALICHE
71	89	FINE & MEDIUM SAND W CLAY & CALICHE STREAKS
89	101	FINE & SOME MED SAND W CLAY & CALICHE STREAKS
101	117	FINE SAND 7 SANDY CLAY W CLAY STREAKS
117	123	FINE SAND W CLAY & CALICHE STREAKS
123	140	FINE SAND W CLAY & CALICHE STREAKS
140	185	FINE TO SOME MED SAND W CLAY & CALICHE LENSES
185	197	FINE SAND W CLAY & CALICHE
197	212	FINE & MEDIUM SAND W SMALL GRAVEL

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Litholgy

From	To	LithologicLog
212	220	YELLOW OCHRE / BLACK SHALE