County: Meade Fraction SW NW SW SW Sec. 26 T 32 S R 30 E (W)

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

Owner: Roger Holmes

Location was listed as:	**Location changed to:**
Section-Township-Range: 27-32 S-30 W	26-32 S-30 W
Fraction (¼ ¼ ¼): SE NE SE SE	SW NW SW SW

Other changes: Initial statements: Lat./Long. Datum : NAD 27

Changed to: Lat./Long. Datum: NAD 83

Comments: Lat./Long. Datum was adjusted to NAD83 to get KOLAR & LEO to plot the well in the correct section (26).

Verification method: Latitude & Longitude (NAD 83), KGS "LEO" conversion tool, Meade County online parcel search, water rights information in WIMAS database, mapping tool & aerial photos on KGS website. initials: DRL date: 6/19/2014

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

1158154

Division of Water Resources App. No. 9843

Well ID

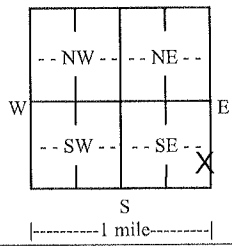
☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Meade | Fraction: SE¼ NE¼ SE¼ SE¼ | Section Number: 27 | Township Number: T 32 S | Range Number: R 30 ☐ E ☑ W

2 WELL OWNER: Last Name: Holmes First: Roger
Business:
Address: PO BOX 699
Address:
City: Plains State: KS ZIP: 67869

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: ☐
APPROX 4 MILES SOUTH OF PLAINS KANSAS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 440 ft.
Depth(s) Groundwater Encountered: 1) 251 ft. 2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 251 ft.
☑ below land surface, measured on (mo-day-yr) 8/22/2013
☐ above land surface, measured on (mo-day-yr).....
Pump test data: Well water was 299 ft. after 4 hours pumping 808 gpm
Well water was ..... ft. after ..... hours pumping ..... gpm
Estimated Yield: 808 gpm
Bore Hole Diameter: 24 in. to 440 ft. and ..... in. to ..... ft.

5 Latitude: 37.230602 (decimal degrees)
Longitude: 100.562401 (decimal degrees)
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: 2737 ft. ☑ Ground Level ☐ TOC
Source: ☐ Land Survey ☑ GPS ☐ Topographic Map ☐ Other .....

7 WELL WATER TO BE USED AS:
1. Domestic: ☐ Household ☐ Lawn & Garden ☐ Livestock
2. ☑ Irrigation
3. ☐ Feedlot
4. ☐ 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 439 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 16 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 300 ft. to 430 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 440 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? N Distance from well? 280 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	1	TOP SOIL	373	383	FAILRY LOOSE FINE TO MED SAND W/ S
1	10	SILTY CLAY	383	398	FAIRLY TIGHT FINE SAND W/ SANDY CL/
10	52	SOFT CLAY W/ FEW SAND STREAKS	398	418	FAIRLY LOOSE MED TO COARSE SAND
52	68	LOOSE FINE TO MED SAND, SOME CO	418	430	FAIRLY TIGHT FINE TO MED FINE SAND
68	81	SOFT SANDY CLAY	430	481	STIFF SANDY CLAY W/ FINE SAND STRE
81	102	LOOSE FINE TO MEDIUM SAND W/ SOI	481	500	RED BED
102	115	FAILY LOOSE FINE TO COARSE SAND			
115	240	LOOSE MED SAND W/ FEW COARSE S			
240	373	LOOSE MEDIUM TO FINE SAND			

Notes:

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) 7/25/2013 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) 9/11/2013 under the business name of Hydro Resources Mid Continent, Inc.

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.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212