WATER WELL RECORD Form WWC-5

1092706

Division of Water Resources App. No. 30,474 Well ID

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Finney | Fraction: NW ¼ SW ¼ NW ¼ NE ¼ | Section Number: 2 | Township Number: T 23 S | Range Number: R 33 ☐ E ☑ W

2 WELL OWNER: Last Name: MESSENGEF First: DON
Business:
Address: 1601 E FAIR
Address:
City: GARDEN CITY State: KS ZIP: 67846

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: ☐
6 MILES NORTH AND 2 MILES WEST OF GARDEN CITY, KS

3 LOCATE WELL WITH "X" IN SECTION BOX:

N
- - NW - - X | - - NE - -
W | E
- - SW - - | - - SE - -
S
|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: ....263..... ft.
Depth(s) Groundwater Encountered: 1) ....146....... ft.
2) .... ft. 3) .... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: ....146....... ft.
☑ below land surface, measured on (mo-day-yr) 06/20/2012
☐ above land surface, measured on (mo-day-yr).............
Pump test data: Well water was .... ft.
after.......... hours pumping .... gpm
Well water was .... ft.
after.......... hours pumping .... gpm
Estimated Yield: ..707.....gpm
Bore Hole Diameter: ....24..... in. to .....263....... ft. and
.... in. to .... ft.

5 Latitude: 38.08916 (decimal degrees)
Longitude: 100.91052 (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: ..2858............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
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 .....243...... 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 ....153..... ft. to ....243...... ft., From .... ft. to .... ft., From .... ft. to .... ft.
GRAVEL PACK INTERVALS: From ....20..... ft. to ....263...... 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? ..145.. ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
Attached	Attached	Attached			

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) .06/16/2012...... 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) .09/05/2012......... 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

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc.
Well Owner	DON MESSENGER
Doc ID	1092706

Litholgy

From	To	LithologicLog
0	2	top soil
2	18	BROWN CLAY
18	22	BLUE CLAY
22	24	FINE SAND
24	39	BROWN CLAY, GYPSUM
39	42	COARSE TO VERY COARSE SAND, SM TO MED GRAVEL
42	82	BROWN CLAY, GYPSUM STREAKS
82	92	GYPSUM
92	103	BROWN CLAY
103	115	CEMENTED SAND, BROWN CLAY AND GYPSUM STREAKS
115	118	COARSE SAND, SM TO MED GRAVEL, CEMENTED STREAKS
118	132	BROWN CLAY, GYPSUM STREAKS
132	145	MED TO COARSE SAND, SM GRAVEL
145	154	BROWN CLAY, COARSE SAND SMALL GRAVEL STREAKS
154	165	MEDIUM TO COARSE SAND, SMALL GRAVEL, FEW SM BROWN CLAY STREAKS

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Litholgy

From	To	LithologicLog
165	174	COARSE SAND, SMALL TO MED GRAVEL, CEMENTED STREAKS
174	181	SOFT SANDY BROWN CLAY, MEDUIM TO COARSE SAND STREAKS
181	202	MED TO COARSE SAND, SMALL GRAVEL, WHITE BROKEN ROCK CHIPS
202	232	SOFT SANDY BROWN CLAY, MEDUIM TO COARSE SAND, SOME SMALL GRAVEL
232	243	WHITE BROKEN ROCK, MED SAND, BROWN CLAY STREAKS
243	260	YELLOW SOAP STONE
260		BLACK SHALE