WATER WELL RECORD Form WWC-5

1373003

☑ Original Record ☐ Correction ☐ Change in Well Use

Division of Water Resources App. No. 1373003

Well ID

1 LOCATION OF WATER WELL: County: Finney

Fraction	Section Number	Township Number	Range Number
NW ¼ NW ¼ SW ¼ NW ¼	30	T 23 S	R 34 ☐ E ☑ W

2 WELL OWNER: Last Name: First:
Business: MERIT ENERGY
Address: PO BOX 1293
Address:
City: LIBERAL State: KANS ZIP: 67901

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: ☐
DEERFIELD, KS: HWY 50 & W STREET: E ON HWY 50 2.5 MILE TO N KEARNY CO LINE RD, N 1.9, 200' E TO 2 TRACK,

3 LOCATE WELL WITH "X" IN SECTION BOX:

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

4 DEPTH OF COMPLETED WELL: 320 ft.
Depth(s) Groundwater Encountered: 1) 136 ft.
2) ..... ft. 3) ..... ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 136 ft.
☑ below land surface, measured on (mo-day-yr) 11/06/2017
☐ 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: 110 gpm
Bore Hole Diameter: 10.75 in. to 320 ft. and
..... in. to ..... ft.

5 Latitude: 38.0277 (decimal degrees)
Longitude: 101.1025 (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: 2985 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 6 in. to 320 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.
Casing height above land surface 24 in. Weight ..... lbs./ft. Wall thickness or gauge No. SDR17

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 240 ft. to 320 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From 90 ft. to 320 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

9 GROUT MATERIAL: ☐ Neat cement ☑ Cement grout ☐ Bentonite ☐ Other .....
Grout Intervals: From 0 ft. to 25 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.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	TOP SOIL	238	251	SAND & CLAY STRIPS
3	28	TAN CLAY	251	273	SAND & SMALL GRAVEL
28	76	BROWN CLAY/SANDY CLAY	273	294	SAND & CLAY STRIPS
76	93	TAN & BROWN SANDY CLAY	294	310	MEDIUM/COURSE SAND
93	126	FINE SAND & CLAY STRIPS	310	320	YELLOW CLAY/MINOR SHALE
126	155	CLAY & SANDY CLAY			
155	191	MEDIUM SAND	Notes:		
191	210	GRAVEL & CLAY STRIPS			
210	238	SANDY CLAY			

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) 11/06/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 430 This Water Well Record was completed on (mo-day-year) 11/09/2017 under the business name of Howard Drilling Co.

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