KOLAR Document ID: 1425649

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. 20180272 Well ID

☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Cheyenne | Fraction: SW ¼ SW ¼ NE ¼ NW ¼ | Section Number: 14 | Township Number: T 2 S | Range Number: R 37 ☐ E ☑ W

2 WELL OWNER: Last Name: First:
Business: Murfin Drilling CO, Inc
Address: PO Box 661
Address:
City: Colby State: KS ZIP: 67740

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: ☐
At the intersection oh County Road W and County Road 33 In NW 1/4 of section 14 (14-2-37) in Cheyenne county.

3 LOCATE WELL WITH "X" IN SECTION BOX:

N
W — X in NW — E
S
|----------1 mile---------|

4 DEPTH OF COMPLETED WELL: 300 ft.
Depth(s) Groundwater Encountered: 1) 215 ft. 2) ……. ft. 3) ……. ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 215 ft.
☑ below land surface, measured on (mo-day-yr) 10/22/2018
☐ 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: 50 gpm
Bore Hole Diameter: 9 in. to 300 ft. and …… in. to ……. ft.

5 Latitude: 39.8838 (decimal degrees)
Longitude: 101.4431 (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: 3399 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 Banister #1-14
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 5 in. to 260 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.
Casing height above land surface 18 in. Weight 2.38 lbs./ft. Wall thickness or gauge No. .237

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 260 ft. to 300 ft., From …… ft. to …… ft., From …… ft. to …… ft.
GRAVEL PACK INTERVALS: From 20 ft. to 300 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: ✔ No potential source of contamination within 200 ft.
☐ 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	2	Surface			
2	20	Loess			
20	63	Clay			
63	143	Clay w/ caliche lenses			
143	213	Clay and caliche w/ sand lenses			
213	290	Fine to some medium sand w/ clay lenses			
290	300	Yellow Ochre/ Black Shale			

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) 10/22/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 881 This Water Well Record was completed on (mo-day-year) 11/16/2018 under the business name of Woofter Pump and Well, 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