

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

| | | | | |
|---|---------------------------------|----------------------|---------------------------|---|
| 1 LOCATION OF WATER WELL: County: MIAMI | Fraction NW ¼ SE ¼ SW ¼ SE ¼ | Section Number 24 | Township Number T 16 S | Range Number R 21 <input checked="" type="checkbox"/> E <input type="checkbox"/> W |
|---|---------------------------------|----------------------|---------------------------|---|

| | |
|---|---|
| 2 WELL OWNER: Last Name: First: Business: BOBCAT OILFIELD SERVICE, INC Address: Address: 602 W. AMITY SUITE 102 City: LOUISBURG State: KS ZIP: 66053 | 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: <input type="checkbox"/> |
|---|---|

3 LOCATE WELL WITH "X" IN SECTION BOX:

N

| | |
|----|----|
| NW | NE |
| SW | SE |

S

x

1 mile

4 DEPTH OF COMPLETED WELL: 230 ft.

Depth(s) Groundwater Encountered: 1) 92-107 ft.
 2) 172-184 ft. 3) ft., or 4) Dry Well

WELL'S STATIC WATER LEVEL: 82 ft. 10/05/2018

below land surface, measured on (mo-day-yr) 10/05/2018
 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: 15 gpm
 Bore Hole Diameter: 7.778 in. to 230 ft. and
 in. to ft.

5 Latitude: 38.6379500 (decimal degrees)
Longitude: -95.0353330 (decimal degrees)
 Horizontal 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: WGS84

6 Elevation: ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

| | | |
|--|--|--|
| 1. Domestic: <input checked="" type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial | 5. <input type="checkbox"/> Public Water Supply: well ID | 10. <input type="checkbox"/> Oil Field Water Supply: lease |
| 6. <input type="checkbox"/> Dewatering: how many wells? | 7. <input type="checkbox"/> Aquifer Recharge: well ID | 11. Test Hole: well ID |
| 8. <input type="checkbox"/> Monitoring: well ID | 9. Environmental Remediation: well ID | 12. Geothermal: how many bores? |
| <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection | 13. <input type="checkbox"/> Other (specify): | a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water |

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 1/2 in. to 226 ft., Diameter 24 in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in. Weight SCH40 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:

Steel Stainless Steel Fiberglass PVC Other (Specify) ..PERFORATING GUN.....
 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) ..PERFORATING GUN...
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From 172-184 ft. to ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 330-0 ft. to ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

| | | | | |
|---|--|--|---|---|
| <input type="checkbox"/> Septic Tank | <input type="checkbox"/> Lateral Lines | <input type="checkbox"/> Pit Privy | <input type="checkbox"/> Livestock Pens | <input type="checkbox"/> Insecticide Storage |
| <input type="checkbox"/> Sewer Lines | <input type="checkbox"/> Cess Pool | <input type="checkbox"/> Sewage Lagoon | <input type="checkbox"/> Fuel Storage | <input type="checkbox"/> Abandoned Water Well |
| <input type="checkbox"/> Watertight Sewer Lines | <input type="checkbox"/> Seepage Pit | <input type="checkbox"/> Feedyard | <input type="checkbox"/> Fertilizer Storage | <input type="checkbox"/> 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 | 14 | soil/clay 112-133 shale | | | |
| 14 | 45 | shale 133-134 broken sand | | | |
| 45 | 51 | lime 134-150 lime | | | |
| 51 | 52 | shale 150-156 shale | | | |
| 52 | 65 | lime 156-158 sandstone | | | |
| 65 | 71 | shale 158-165 shale | | | |
| 71 | 82 | lime 165-184 sandstone | | | |
| 82 | 92 | shale 184-192 broken sandstone | | | |
| 92 | 112 | lime 192-230 shale | | | |

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) 10/05/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 581. This Water Well Record was completed on (mo-day-year) 10/08/2018 under the business name of Evans Energy Development, Inc. Signature: *[Signature]*