

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: Neosho Fraction: NE 1/4 SE 1/4 NE 1/4 SE 1/4 Section Number: 17 Township Number: T 27 S Range Number: R 18 E

2 WELL OWNER: Last Name: Barth First: Tracy 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: Corner of W. Hickory St. and N. Santa Fe Ave. Chanute KS

Business: MFA Oil Co. Address: PO Box 519 City: Columbia State: MO ZIP: 65205

3 LOCATE WELL WITH "X" IN SECTION BOX:

----- 1 mile -----

4 DEPTH OF COMPLETED WELL: 24 ft.

Depth(s) Groundwater Encountered: 1) _____ ft. 2) _____ ft. 3) _____ ft., or 4) Dry Well

WELL'S STATIC WATER LEVEL: _____ ft.

below land surface, measured on (mo-day-yr) _____

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: _____ gpm

Bore Hole Diameter: 4.5 in. to 24 in. to _____ in. to _____ ft. and _____ in. to _____ ft.

5 Latitude: 37.69369 (decimal degrees)

Longitude: -95.45289 (decimal degrees)

Horizontal Datum: WGS 84 NAD 83 NAD 27

Source for Latitude/Longitude: Garmin etek.

GPS (unit make/model: _____ (WAAS enabled? Yes No)

Land Survey Topographic Map Online Mapper: _____

6 Elevation: 955 ft. Ground Level TOC

Source: Land Survey GPS Topographic Map Other _____

7 WELL WATER TO BE USED AS:

1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial

2. Public Water Supply: well ID _____

3. Dewatering: how many wells? _____

4. Aquifer Recharge: well ID _____

5. Monitoring: well ID SWP-5AR

6. Environmental Remediation: well ID _____

7. Air Sparge Soil Vapor Extraction Recovery Injection

8. Oil Field Water Supply: lease _____

9. Test Hole: well ID _____

10. Cased Uncased Geotechnical

11. Geothermal: how many bores? _____

12. 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: 2 in. to 17 in. Diameter: _____ in. to _____ ft., Diameter: _____ in. to _____ ft., Diameter: _____ in. to _____ ft.

Casing height above land surface: 6 in. Weight: _____ lbs./ft. Wall thickness or gauge No. sch. 40

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 17 ft. to 24 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From 15 ft. to 24 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other _____

Grout Intervals: From 2 ft. to 15 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) former fuel storage

Direction from well? SW Distance from well? 150' ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	18	Silty clay, brown			
18	24	Silt/sand, yellow			

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) 5-4-16 and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. file This Water Well Record was completed on (mo-day-year) 5/6/16 under the business name of Below Ground Surface, Inc. Signature: [Signature]