

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: WASHINGTON Fraction 1/4 NE 1/4 SW 1/4 NW 1/4 Section Number 27 Township Number T 5 S Range Number R 5 E E W

2 WELL OWNER: Last Name: D&S CATTLE CO LLC First: BARNES
 Business: D&S CATTLE CO LLC 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:
 Address: 158 ALL AMERICAN ROAD 8 1/2 MILES SOUTH OF BARNES ON ALL AMERICAN ROAD
 City: BARNES State: KS ZIP: 66933

3 LOCATE WELL WITH "X" IN SECTION BOX:
 N

 W E
 S
 -----1 mile-----

4 DEPTH OF COMPLETED WELL: 170 ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 60 ft.
 below land surface, measured on (mo-day-yr) 3/29/2014
 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: 30 gpm
 Bore Hole Diameter: 8 in. to 13 1/4 ft. and in. to ft.

5 Latitude: (decimal degrees)
Longitude: (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: ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

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 5 in. to 1 1/2 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18 in. Weight 2.8 lbs./ft. Wall thickness or gauge No. .265
 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 115 ft. to 130 ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 30 ft. to 130 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 5 ft. to 30 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? SOUTH Distance from well? 500 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	TOPSOIL	88	92	LIMESTONE
3	5	YELLOW SHALE & LIMESTONE	92	115	RED SHALE
5	10	LIMESTONE	115	130	LIMESTONE
10	15	YELLOW SHALE	131	134	GRAY SHALE
15	24	YELLOW SHALE & LIMESTONE	134		GYP SUM
24	45	RED SHALE			
45	50	TAN SHALE			
50	80	LIMESTONE & SHALE			
80	88	RED 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-yr) 3/28/2014 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 378 This Water Well Record was completed on (mo-day-yr) 5/1/2014 under the business name of BLUE VALLEY DRILLING INC.

INSTRUCTIONS: Send one copy to WATER WELL OWNER and retain one copy for your records. Submit fee of \$5.00 for each constructed well along with one (white) copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone (785) 296-3565.