

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: **REPUBLIC** Fraction: **1/4 E 1/4 NW 1/4 NW 1/4** Section Number: **2** Township Number: **T 1 S** Range Number: **R 1 E 1 W**

2 WELL OWNER: Last Name: **CITY OF MAHASKA** First: **MAHASKA** 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: **3 WEST, 1 NORTH AND 1/4 EAST OF MAHASKA**
 Business: **CITY OF MAHASKA** Address: **BOX 92** City: **MAHASKA** State: **KS** ZIP: **66955**

3 LOCATE WELL WITH "X" IN SECTION BOX:

N

NW		NE
	X	
SW		SE

S

|-----1 mile-----|

4 DEPTH OF COMPLETED WELL: **308** ft.
 Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: **163** ft.
 below land surface, measured on (mo-day-yr) **10/8/2014**
 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: **7.5** gpm
 Bore Hole Diameter: **6 1/2** in. to **720** ft. and in. to ft.

5 Latitude: **40° 0.073 N** (decimal degrees)
Longitude: **97° 24.140 W** (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. <input type="checkbox"/> Domestic: <input 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 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input checked="" type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input checked="" type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? 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 13. <input type="checkbox"/> Other (specify):
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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 **4** in. to **238** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **18** in. Weight **2.1** lbs./ft. Wall thickness or gauge No. **0.237**.
 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 **238** ft. to **258** ft., From **288** ft. to **308** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **70** ft. to **150** ft., From **150** ft. to **308** ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From **5** ft. to **30** ft., From **150** ft. to **160** 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 WEST** Distance from well? **75** ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	15	TOPSOIL	99	104	GRAY SHALE (SOFT)
15	46	YELLOW LIMESTONE & SHALE	104	135	LIGHT GRAY SHALE
46	54	GRAY SHALE	135	139	SANDSTONE
54	58	LIGHT GRAY SHALE	139	145	GRAY SHALE
58	82	GRAY SHALE	145	149	ROCK LAYERS
82	84	ROCK (SOFT)	149	156	GRAY SHALE
84	88	GRAY SHALE (SOFT)	Notes: 156 159 GRAY SOAPSTONE 159 167 SANDSTONE 167 170 GRAY SHALE		
88	92	ROCK (HARD)			
92	99	GRAY 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) **10/8/2014** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **518** This Water Well Record was completed on (mo-day-year) **10/11/2014** under the business name of **BLUE VALLEY DRILLING INC. Erin Heston**

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.