

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

TPZ-BE-5

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Pottawatomie	Fraction NE 1/4 SW 1/4 SW 1/4	Section Number 12	Township Number T 9 S	Range Number R 11 E
-----------------------------------------------------------------	-----------------------------------------	-----------------------------	---------------------------------	-------------------------------

2 WELL OWNER: Last Name: Morrison First: Jared Business: Westar Energy - Jeffery Energy Center Address: 25905 Jeffery Road Address: City: St. Marys State: KS ZIP: 66536	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 checked="" type="checkbox"/>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

3 LOCATE WELL WITH "X" IN SECTION BOX: N <table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr><td>W</td><td> </td><td> </td><td> </td><td>E</td></tr> <tr><td> </td><td>--NW--</td><td>--NE--</td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td>--SW--</td><td>--SE--</td><td> </td><td> </td></tr> <tr><td> </td><td>S</td><td> </td><td> </td><td> </td></tr> </table> <p>----- 1 mile -----</p>	W				E		--NW--	--NE--									--SW--	--SE--				S				4 DEPTH OF COMPLETED WELL: 40 ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> 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: 6 in. to 40 ft. and in. to ft.	5 Latitude: 39.278048 (decimal degrees) Longitude: -96.142737 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input checked="" type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input checked="" type="checkbox"/> GPS (unit make/model: Garmin eTrex10) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
W				E																							
	--NW--	--NE--																									
	--SW--	--SE--																									
	S																										
		6 Elevation: 1204 ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other																									

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	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 TPZ-BE-5	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	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
3. <input type="checkbox"/> Feedlot		13. <input type="checkbox"/> Other (specify):
4. <input type="checkbox"/> Industrial		

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 **30** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **36** in. Weight lbs./ft. Wall thickness or gauge No.
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 **30** ft. to **40** ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **25** ft. to **40** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From **0** ft. to **25** 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) **Landfill associated with power plant**.....
 Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	Soil	50	51	limestone
5	6	limestone weathered	51	53	Shale gray
6	12	Shale gray	53	55	Shale light gray
12	14	Shale gray weathered	91		
14	16	limestone weathered			
16	27	Shale gray highly weathered			
27	35	Shale gray	Notes:		
35	37	Shale dark gray			
37	50	Shale gray			

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) **6-23-15**..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **760**..... This Water Well Record was completed on (mo-day-year) **8-17-15**..... under the business name of **Associated Drilling, Inc.**.....