

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: Butler		Fraction SW 1/4 SW 1/4 NW 1/4 SE 1/4	Section Number 27	Township Number T 27 S	Range Number R 4 E W											
2 WELL OWNER: Last Name: Williams Business: Williams Petroleum Services, LLC Address: One Williams Center City: Tulsa State: OK ZIP: 74122		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"/> Walnut River Project East of Highway 77 south of Augusta, KS														
3 LOCATE WELL WITH "X" IN SECTION BOX: N <table border="1" style="width:100px; height:100px; text-align: center; margin: 10px auto;"> <tr><td></td><td></td><td></td></tr> <tr><td>-- NW --</td><td></td><td>-- NE --</td></tr> <tr><td>-- SW --</td><td>X</td><td>-- SE --</td></tr> <tr><td></td><td></td><td></td></tr> </table> S 1 mile				-- NW --		-- NE --	-- SW --	X	-- SE --				4 DEPTH OF COMPLETED WELL: 25 ft. Depth(s) Groundwater Encountered: 1) 24 ft. 2) N/A ft. 3) N/A ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: 24.00 ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) 1-26-16 <input type="checkbox"/> above land surface, measured on (mo-day-yr) Pump test data: Well water was N/A ft. after N/A hours pumping N/A gpm Well water was N/A ft. after N/A hours pumping N/A gpm Estimated Yield: N/A gpm Bore Hole Diameter: 8.25 in. to 25 ft. and N/A in. to N/A ft.		5 Latitude: 37.67038 (decimal degrees) Longitude: -96.97984 (decimal degrees) Horizontal Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:	
-- NW --		-- NE --														
-- SW --	X	-- SE --														
6 Elevation: 1223.75 ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input 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 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 WRA01 16-01 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 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):																
Was a chemical/bacteriological sample submitted to KDHE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date sample was submitted: Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
8 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded Casing diameter 2 in. to 15 ft., Diameter N/A in. to N/A ft., Diameter N/A in. to N/A ft. Casing height above land surface 30 in. Weight N/A lbs./ft. Wall thickness or gauge No. Sch 40 TYPE OF SCREEN OR PERFORATION MATERIAL: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input type="checkbox"/> Fiberglass <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> Concrete tile <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous Slot <input checked="" type="checkbox"/> Mill Slot <input type="checkbox"/> Gauze Wrapped <input type="checkbox"/> Torch Cut <input type="checkbox"/> Drilled Holes <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Louvered Shutter <input type="checkbox"/> Key Punched <input type="checkbox"/> Wire Wrapped <input type="checkbox"/> Saw Cut <input type="checkbox"/> None (Open Hole) SCREEN-PERFORATED INTERVALS: From 15 ft. to 25 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft. GRAVEL PACK INTERVALS: From 13 ft. to 25 ft., From N/A ft. to N/A ft., From N/A ft. to N/A ft.																
9 GROUT MATERIAL: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other Concrete 0 to 2 feet Grout Intervals: From 2 ft. to 13 ft., From N/A ft. to N/A ft., From N/A ft. to N/A 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 <input type="checkbox"/> Other (Specify) Direction from well? West Distance from well? ~1/2-mile to Refinery ft.																
10 FROM		TO		LITHOLOGIC LOG												
0		4		CLAY black moist med stiff med plasticity												
4		17		CLAY brown dry stiff hard no plasticity												
17		22		CLAY very dark grayish brown moist slight plasticity												
22		25		CLAY dark grayish brown moist medium plasticity												
		25		Bottom of Boring												
				Notes:												
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo-day-year) 1-26-2016 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 759 This Water Well Record was completed on (mo-day-year) 3-6-2016 under the business name of RAZEK Environmental, LLC Signature: _____																

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

Visit us at <http://www.kdheks.gov/waterwell/index.html>

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Revised 7/10/2015