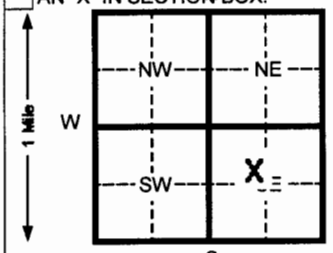
FAR 08-09D WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: **Butler**	**SE** ¼ **NW** ¼ **SE** ¼	**28**	T **27** S	R **4** E/W

Distance and direction from nearest town or city street address of well if located within city?
The well is located approximately 853 feet south and 1,563 feet west of W 2nd Ave and SW Dike Rd in Augusta.
Latitude N37° 40' 12.78" Longitude W96° 59' 43.46"

2 WATER WELL OWNER: **Williams Petroleum Services, LLC**
RR#, St. Address, Box # : **PO Box 3483**
City, State, ZIP Code : **Tulsa, Oklahoma 74101-3483**
Board of Agriculture, Division of Water Resources Application Number: **Not Applicable**

3 LOCATE WELL'S LOCATON WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL **40** ft. ELEVATION:
Depth(s) Groundwater Encountered 1 **20** ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL **15.40** ft. below land surface measured on mo/day/yr **9/4/08**
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter **8** in. to **40** ft. and in. to ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
2 Irrigation 4 Industrial 7 Lawn and garden (domestic) [10] Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No **X** If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No

OFFICE USE ONLY

5 TYPE OF BLANK CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
[2] PVC 4 ABS 7 Fiberglass Threaded
Blank casing diameter **2** in. to **35** ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface **27.6** in., weight **0.682** lbs./ft. Wall thickness or gauge No. **0.1875 in.**
TYPE OF SCREEN OR PERFORATION MATERIAL: [7] PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot [3] Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From **35** ft. to **40** ft. From ft. to ft.
From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From **33** ft. to **40** ft. From ft. to ft.
From ft. to ft. From ft. to ft.

T

R

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout [3 Bentonite] 4 Other
Grout Intervals From **0** ft. to **33** ft. From ft. to ft. From ft. to ft.
What is the nearest source of possible contamination:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/ Gas well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage [16] Other (specify below)
13 Insecticide storage **oil collection pond**
Direction from well? **E** How many feet? **440**

SEC

FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	10	01	Dark reddish brown to dark gray, moist, stiff, fat clay			
10	15	03	Dark gray/black, lean clay			
15	20	01	Dark gray/black, fat clay			
20	31	03	Very dark gray, silty, lean clay			
31	40	17	Dark gray sand and gravel			
40	40	20	Limestone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [(1) constructed], (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/yr) **8/7/08** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **616** This Water Well Record was completed on (mo/day/yr) **3/18/09**
under the business name of **Thiele Geotech, Inc.** by (signature)

INSTRUCTIONS:. Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.