

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

USD-mw4

1 LOCATION OF WATER WELL: County: <u>Sedgwick</u>		Fraction <u>SW 1/4 SE 1/4 SW 1/4</u>	Section Number <u>27</u>	Township Number <u>T 26 S</u>	Range Number <u>R 1 E</u>
Distance and direction from nearest town or city street address of well if located within city? <u>2100 E. 37th St. N. Wichita, KS</u>			Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: <u>37 45 197</u> Longitude: <u>97 18 591</u> Elevation: _____ Datum: _____ Data Collection Method: _____		
2 WATER WELL OWNER: <u>Unified School District 259</u> RR#, St. Address, Box # : <u>3850 N. Hydraulic</u> City, State, ZIP Code : <u>Wichita, KS 67219</u>					

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W -- NW -- NE -- E S SW -- SE --		4 DEPTH OF COMPLETED WELL <u>23.0</u> ft. Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft. WELL'S STATIC WATER LEVEL <u>2.44</u> ft. below land surface measured on mo/day/yr. _____ Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) <u>10</u> Monitoring well _____ Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> If yes, mo/day/yr Sample was submitted. _____ Water well disinfected? Yes _____ No <u>X</u>			
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5 TYPE OF CASING USED: 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) <u>2 PVC</u> 4 ABS 7 Fiberglass Blank casing diameter <u>2"</u> in. to <u>8"</u> ft. Diameter _____ in. to _____ ft. Diameter _____ in. to _____ ft. Casing height above land surface <u>Flush</u> in. Weight _____ lbs./ft. Wall thickness or gauge No. <u>Sch. 40</u>		CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <u>X</u>	
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless Steel 5 Fiberglass <u>7 PVC</u> 9 ABS 11 Other (Specify) _____ 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)			
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot <u>1</u> Mill slot 5 Gauzed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) _____			
SCREEN-PERFORATED INTERVALS: From <u>8</u> ft. to <u>23</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From <u>6</u> ft. to <u>23</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.			

6 GROUT MATERIAL: 1 Neat cement <u>2</u> Cement grout <u>3</u> Bentonite 4 Other _____ Grout Intervals: From <u>1</u> ft. to <u>4</u> ft. From <u>4</u> ft. to <u>6</u> 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 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well Direction from well? <u>North</u> How many feet? <u>2000 Feet</u>	
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FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>See Boring Log</u>			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>6-17-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>606</u> This Water Well Record was completed on (mo/day/year) <u>7-28-08</u> under the business name of <u>PSA Environmental</u> by (signature) _____	
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INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

SOIL BORING AND WELL LOG

Boring/Well ID: USD-4

Total Depth: 25 ft bgs

PROJECT INFORMATION

Project: Unocal/Wichita
Site Location: Wichita, KS
Site Name: USD
Geologist: Kim Nguyen
Project Manager: Derck Peacock
Ground Water Depth (ft bgs): 8 ft bgs
Top of Casing Elevation (ft msl):
Ground Surface Elevation (ft msl):

DRILLING INFORMATION

Drilling Company: PSA
Driller: Aaron Sense
Equipment: Geoprobe 6620 DT
Drilling Method: Hollow Stem Augers
Sampling Method: Continuous
Dates Drilled: 6/17/08
Screened Interval: 7.5-22.5 ft bgs
Coordinates: N E

PG Signature:

Elevation (ft btoe)	Depth (ft)	Recovery	PID (ppm)	Sample ID	USCS	Symbol	Lithologic Description	Well Completion	Well Description/ Comments
0	0				CH		SILTY CLAY: with roots, trace gravel, very dark grayish brown (10YR 3/2), soft to medium stiff, high plasticity, very moist		Flush Mount-3X3' Concrete Pad with locking cap
					ML		CLAYEY SILT: light yellowish brown (2.5Y 6/4), medium stiff, low to medium plastic, friable, moist, manganese inclusions, Iron staining		2-in. diameter schedule 40 PVC casing
							NO RECOVERY: sample stuck in sampler		Grout
									Bentonite chips
									Filter Pack: 20/40 Sand
									Screen: (15') 2 in. PVC, 0.010-in. slot, (7.5-22.5')
-5					CH		SILTY CLAY: with trace sand, light olive brown (2.5Y 5/3) and very dark grayish brown (2.5Y 3/2), medium stiff, medium to high plasticity, very moist		
					ML		SANDY SILT: brown (10YR 5/3) with greenish gray (10GY 5/1) mottling, very fine to fine sand, stiff, low plasticity, friable with trace clay, dry to damp, at 13.25-13.8 is a 0.25' sand layer, light yellowish brown (2.5Y 6/4), medium to coarse sand, trace gravel, wet		
					CH		CLAY: olive gray (5Y 5/2), stiff, high plasticity, damp to moist		
					CL		SANDY CLAY: with silt, pale olive (5Y 6/3) and dark greenish gray, hard, very fine to medium sand, dry		
-10							SHALE: olive gray (5Y 5/2), hard, slightly friable, weathered, damp to moist, minor Iron staining		
-15									

Elevation (ft btoc)	Depth (ft)	Recovery	PID (ppm)	Sample ID	USCS	Symbol	Lithologic Description	Well Completion	Well Description/ Comments
							grades more iron staining, trace gravel		
			0		CH		CLAY: trace silt, olive (5Y 5/3), soft, high plasticity, manganese inclusions, moist		
-20	-20		0		ML		CLAYEY SILT: light olive brown (2.5Y 5/3), soft to medium stiff, high plasticity, very moist to wet, at 22.3' - 23.5' becomes silty sand, olive (5Y 5/3), very fine to fine sand, loose, dry		
			0						
			0						
			0						
			0						
			0						
			0				SHALE: olive gray (5Y 5/2), hard, weathered, minor iron staining		
-25									PVC End Cap