

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

MW-24

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 T <u>26</u>	Range Number R <u>1</u> <u>W</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 45 112</u> Longitude: <u>97 18 609</u> Elevation: _____ Datum: _____ Data Collection Method: _____						
2 WATER WELL OWNER: <u>Coleman Company</u> RR#, St. Address, Box # : <u>3600 N. Hydraulic St.</u> City, State, ZIP Code : <u>Wichita, KS 67219</u>									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>--NW--</td><td>--NE--</td></tr><tr><td>--SW--</td><td>--SE--</td></tr></table> E S		--NW--	--NE--	--SW--	--SE--	4 DEPTH OF COMPLETED WELL <u>27.0</u> ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL..... <u>6.49</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>			
--NW--	--NE--								
--SW--	--SE--								
5 TYPE OF 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..... <u>2 PVC</u> 4 ABS 2" 7 Fiberglass Threaded <u>X</u> Blank casing diameter in. to <u>12</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>Flash</u> in., Weight lbs./ft. Wall thickness or gauge No. <u>SEL 40</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>3 Mill slot</u> 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>12</u> ft. to <u>27</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>9</u> ft. to <u>27</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>5</u> ft., From <u>5</u> ft. to <u>9</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 <u>11</u> 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? How many feet? <u>3000</u>									
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>6-19-08</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>608</u> This Water Well Record was completed on (mo/day/year) <u>7-25-08</u> under the business name of <u>PSA Environmental</u> by (signature) <u>[Signature]</u>									
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: MW-24

Total Depth: 27 ft bgs

PROJECT INFORMATION

Project: Unocal/Wichita
 Site Location: Wichita, KS
 Site Name: Coleman
 Geologist: Kim Nguyen
 Project Manager: Derek 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: Auger Cuttings
 Dates Drilled: 6/19/08
 Screened Interval: 11.5-26.5 ft bgs
 Coordinates: N E

PG Signature:

Elevation (ft bgs)	Depth (ft)	Recovery	PID (ppm)	Sample ID	USCS	Symbol	Lithologic Description	Well Completion	Well Description/ Comments
0	0						ASPHALT		Flush Mount-2X2' Concrete Pad with locking cap
		0			CL		SILTY CLAY: with trace coarse sand, dark grayish brown (10YR 4/2), medium stiff, high plasticity, damp to moist		2-in. diameter schedule 40 PVC casing
		0							Grout
-5		0					grades brown (7.5YR 5/4), trace of fine gravel, damp to moist		Bentonite Chips
		0					moist at 7.5', at 8-10' becomes wet, soft to medium stiff, grades light yellowish brown (10YR 6/4), trace medium to coarse sand		Filter Pack: 20/40 Silica Sand
-10		0					same as above, wet		
-15		0							Screen: (15') 2 in. PVC, 0.010-in. slot, (11.5-26.5')



SOIL BORING/ WELL LOG Boring/Well ID: MW-24

Elevation (ft btoc)	Depth (ft)	Recovery	PID (ppm)	Sample ID	USCS	Symbol	Lithologic Description	Well Completion	Well Description/ Comments
-20	-20		0				wet to saturated, increasing sand, at 19.5 grades gray (5Y 5/1), very soft		
-25			1.8		ML		SILT: dark gray (2.5Y 4/1) and pink (7.5YR 7/3), soft, high plasticity, saturated, hydrocarbon odor, grades to greenish gray (5GY 7/1) from 24-27'		
			0.5						