WATER WELL RECO	JKD	Form W	WC-5	Divisi	ion of Water	Resources App. No	), L
1 LOCATION OF WAT County: Sedgwick	ER WELL:	Fraction SW ¼ SE ¼ SE	145W/ 14			Township No. T <b>26</b> S	
Street/Rural Address of	Well Location: i			Global P	ositioning	System (GPS) in	formation:
from nearest town or inte				Latitude	37.45.1	0.43	(in decimal degrees)
		•	noic	Longitue	le: 97 18 3	33.99	(in decimal degrees)
2100 East 37th Street	North Wichita	, KS 67219					
				Detamo	n:	, 🔲 NAD 83, 🔲	 NAD 27
2 WATER WELL OWN	ER: Chayror	Env. Management	Company		wos 64 n Method:	, 🔲 NAD 65, 🗀	NAD 21
RR#, Street Address, Bo	01104101			Conection	u <u>Metriou</u> .	Model: Garmin	GPS 12
City, State, ZIP Code	020	Illinger Canvon Road	1	M Die	ital Man/Dha	to Topographic	Map, Land Survey
City, State, Zir Code	· San Rar	non, CA 94583				3 m, ☐ 3-5 m, <b></b>	
3 LOCATE WELL				Est. Accu	uacy.	7 III, 3-5 III,	3 13 m, 13 m
WITH AN "X" IN 4	DEPTH OF C	COMPLETED WELI	25.0'		A		
		water Encountered _				A (*	3) ff
N N	rei i ie etati	C WATER LEVEL?	.71' •	halaw lan	d surface m	secured on mo/do	5/28/09
<u>                                   </u>	Dumm	test data: Well water		DCIUW IAIR	u surrace ir	hours nume	sing ann
	rump	gpm. Well water		ىن مالىسىسى	ler	hours puint	inggpiii
W	sore Hole Diam	eter . 8.50" in. to	. <del>4.</del> 7.0	τ., and	in. 1		II.
		TO BE USED AS:	Public wat	er supply	☐ Geo	otnermai ir	njection well
OW  -    OE       -	Domestic	☐ Feedlot ☐ (	Jil field water	er supply	☐ Dev	watering U	Other (Specify below)
	Irrigation	☐ Industrial ☐ ☐					• • • • • • • • • • • • • • • • • • • •
		bacteriological sample				∕es 🗹 No	
S		day/yr sample was sub					
mile  V	Vater well disin:	fected? 🔲 Yes 🗔 🛚	No				
5 TYPE OF CASING USI	D. Cleal	PVC 🗆 C	)ther	<del></del>		<del></del>	
CASING JOINTS: G						•••	
Casing John 15: U G		iped weided i	inreaded		0 75'	. 4.	
Casing diameter 2" Casing height above land	יי in. to!יי.	π., Diameter	in.		π., Dia	ameter	In. toπ.
Casing height above land	surface	in., Weight		lbs./ft.,	Wall thick	mess or gauge No	) <del>9</del> 911.49
TYPE OF SCREEN OR PE			_				
Steel Stainle	ess Steel	<b>V</b> PVC	, LJ	Other (Spec	cify)		
		None used (open ho	ole)				
SCREEN OR PERFORATI			1.00				
Continuous slot	Mill slot	Gauze wrapped	Torch cut	Drilled	holes [	] None (open hole	;)
Louvered shutter SCREEN-PERFORATED	Key punched	Wire wrapped [	J Saw cut	Utner (	specify)	۵	Δ
SCREEN-PERFORATED	INIEKVALS:	rromy;yr	ι. το εριν	п.	., From	IL. U	الله الله الله الله الله الله الله الله
CD ATEL DACK	NAMEDIAL	From f	t. to	n	., From	π. t	ο π.
GRAVEL PACK I	NIERVALS:	From 8.0' f	t. to	n	, From	n. t	o ft.
		From f	l. to	tt	., From	It. to	o ft.
6 GROUT MATERIAL: Grout Intervals: From	_ Neat ceme	nt Cement grout	Benton	ite ∐ O	ther		
				ft. to	ft., ]	From	ft. toft.
What is the nearest source of			_				
Septic tank			Livestock p		Insecticide s		er (specify below)
Sewer lines	Cesspool	Sewage lagoon	Fuel storage		Abandoned		
Watertight sewer lines Direction from well No	s Seepage pi	•	Fertilizer st		Oil well/gas		••••••
							CODIC DITERVALO
FROM TO	LITHOLOGI	C LUG	FROM	TO L	11HU, LO	G (cont.) or PLUC	GGING INTERVALS
See Bo	ring Log						
					., .,		
			<del></del>				
7 CONTRACTOR'S OR L	ANDOWNED	S CERTIFICATION	I. This water	r well wee	7 constru	rted [] reconstru	cted, or nbugged
under my jurisdiction and wa							
Kansas Water Well Contract	as completed on	. (mo/uay/year <i>) .7.749</i> 7. . 606 æt: • •	7.7	u uns recor	ompleted.	uic ocst of filly Ki	7-17-09
under the business name of	OF S LICENSE NO	mental	aici Well Ke	by (class)	otore)	ni (iiii aayiyaai)	
INSTRUCTIONS: Use typewrite		DIE ACE DESCRIPTO	and DDINIT -1-	. by (Signa	ature)	charles annon	answers Send three conies
(white, blue, pink) to Kansas Dep	i or ball point pen. artment of Health	FLEASE FRESS FIRMLI	auu <u>rruni</u> cie fWater Geolo	ury, Frease r	ini ni otaniks j 000 SW Jack	son St., Suite 420. T	opeka, Kansas 66612-1367.
Telephone 785-296-5522. Send of	one copy to WATE	ER WELL OWNER and re	tain one for v	our records.	Include fee	of \$5.00 for each co	nstructed well. Visit us at
http://www.kdheks.gov/waterwell/i							
KSA 82a-1212				Check	c: Whi	te Copy, 🔲 Blu	e Copy, Pink Copy

MW-27

## Well ID: MW-27 **Austin, Texas** Total Depth: 25 ft bgs PROJECT INFORMATION **DRILLING INFORMATION Drilling Company: PSA Environmental** Project Name: Former Unocal Chemical Distribution Facility Location: Wichita, KS **Driller:** Aaron Butler Drilling Equipment: Geoprobe 6620 DT Logged By: Kim Nguyen Project Manager: Derek Peacock **Drilling Method:** Hollow Stem Auger Ground Surface Elevation (ft, MSL): 1349.94 Sampling Method: DPT Top of Casing Elevation (ft, MSL): 1352.51 Borehole Diameter: 8.5 inch Coordinates: N1710047.26 E1656474.46 Dates Drilled: 4/27/09-4/29/09 Depth (ft bgl) Well Completion PID (ppmv) Well Description Lithologic Description and Notes Elevation Recovery Symbol (ft MSL) **NSCS PROTECTIVE** CASING 1350 -0 CONCRETE WELL N/A ML TOPSOIL: 0-0.75 ft, SANDY SILT, with trace GRAVEL up to 0.75 inches in PAD: 2 ft x 2 ft diameter, dark olive brown (2.5Y 3/3), soft, medium plasticity, very moist, with SM roots, no odor GROUT: 1 to 4 ft SILTY SAND: 0.75-3.75 ft, yellowish brown (10YR 5/4), loose to medium dense, moist, very fine to medium sand, no odor CASING: 2-inch. Schedule 40 PVC NO RECOVERY: 3.75-5 ft BENTONITE SEAL: 4 to 8 ft 1345 SM SILTY SAND: 5-9 ft, same as above, moist, no odor -6 FILTER PACK: 8 to 25 ft, 10/20 Silica Sand NO RECOVERY: 9-10 ft 1340 -10 SM SCREEN: 10 to 25 SILTY SAND: 10-12 ft, same as above, moist, no odor ft. 2-inch PVC. 0.010-inch slot 11 12 MH CLAYEY SILT: 12-13.5 ft, WEATHERED SHALE, dark gray (5Y 4/1), medium stiff, medium to high plasticity, moist to very moist, no odor 13 SILT: 13.5-14.25 ft, greenish gray (10GY 5/1), medium stiff to stiff, friable, low MI to medium plasticity, dry, hydrocarbon odor NO RECOVERY: 14.25-15 ft **Unocal - Wichita, KS** Boring/Well ID: MW-27 Page 1 of 2

**MONITOR WELL LOG** 

SILT: 15-18.5 ft, same as above, hydrocarbon odor  16-17.25 ft, reddish brown (5YR 4/3), friable, nonplastic, dry, hydrocarbon odor  17.5-17.7 ft, white precipitate zone 17.75-18.25 ft, greenish gray (10GY 5/1), hard, low to medium plasticity, dry, hydrocarbon odor  18.25-18.5 ft, light yellowish brown (2.5Y 6/3), hard, nonplastic to low plasticity, dry, no odor  NO RECOVERY: 18.5-20 ft  ML  SILT: 20-24 ft, olive (5Y 4/3), stiff to hard, low to medium plasticity, moist, strong hydrocarbon odor  22.25 ft, grades dry  24 ft. grades hard  NO RECOVERY: 24-25 ft 25 ft, relusal  Bretzhole Total Devth = 25 ft hos	Elevation (ft MSL) Depth (ft bgl)	Recovery PID (ppmv)	nscs	Symbol	Lithologic Description and Notes	Well	Well Description
18.25-18.5 ft, light yellowish brown (2.5Y 6/3), hard, nonplastic to low plasticity, dry, no odor  NO RECOVERY: 18.5-20 ft  ML SILT: 20-24 ft, olive (5Y 4/3), stiff to hard, low to medium plasticity, moist, strong hydrocarbon odor  22 22.25 ft, grades dry  24 ft. grades hard  NO RECOVERY: 24-25 ft 25 ft, refusal	<b>—16</b>		ML		16-17.25 ft, reddish brown (5YR 4/3), friable, nonplastic, dry, hydrocarbon odor 17.5-17.7 ft, white precipitate zone 17.75-18.25 ft, greenish gray (10GY 5/1), hard, low to medium plasticity, dry,		
SILT: 20-24 ft, olive (5Y 4/3), stiff to hard, low to medium plasticity, moist, strong hydrocarbon odor  22.25 ft, grades dry  24 ft, grades hard  NO RECOVERY: 24-25 ft  25 ft, refusal			-		18.25-18.5 ft, light yellowish brown (2.5Y 6/3), hard, nonplastic to low plasticity, dry, no odor		
24 ft. grades hard  NO RECOVERY: 24-25 ft  25 ft, refusal	-21		ML		strong hydrocarbon odor		
325 — 25   25 ft, refusal   Borehole Total Depth - 25 ft bore					_24 ft, grades hard		
Well Total Depth = 25 ft bgs  * PID was not functioning properly.*					Borehole Total Depth = 25 ft bgs Well Total Depth = 25 ft bgs		

Boring/Well ID: MW-27