

PMW-7

KSA 82a-1212



Austin, Texas

## SOIL BORING AND WELL LOG

Boring/Well ID: PMW-7

Total Depth: 20 ft bgs

## PROJECT INFORMATION

Project: Unocal/Wichita

Site Location: Wichita, KS

Site Name:

Geologist: Kim Nguyen

Project Manager: Derek Peacock

Ground Water Depth (ft bgs):

Top of Casing Elevation (ft msl):

Ground Surface Elevation (ft msl):

PG Signature:

## DRILLING INFORMATION

Drilling Company: PSA

Driller: Aaron Sense

Equipment: Geoprobe 6620 DT

Drilling Method: Hollow Stem Augers

Sampling Method: Continuous

Dates Drilled: 6/18/08

Screened Interval: 4.5-19.5 ft bgs

Coordinates: N E

Elevation (ft btoc)	Depth (ft)	Recovery	PID (ppm)	Sample ID	USCS	Symbol	Lithologic Description	Well Completion	Well Description/ Comments
0	0						FILL: Sand and Gravel, fine to medium sand, loose, damp, gravel up to 1.25" in diameter, subangular gravel		Flush Mount-3X3' Concrete Pad with locking cap
					CH		CLAY: brown (7.5YR 4/3), medium stiff to stiff, high plasticity, damp, manganese inclusions		Bentonite chips
					SP		SAND: light yellowish brown (2.5Y 6/4), well sorted very fine to fine sand, loose to medium dense, moist		
					ML		CLAYEY SILT: light olive gray (5Y 6/2) and yellowish red (5YR 4/6), stiff, friable, non plastic, damp		2-in. diameter schedule 40 PVC casing
-5					MH		CLAYEY SILT: trace very fine sand, light yellowish brown (10YR 5/4), stiff, medium to high plasticity, damp		Filter Pack: 20/40 Sand
							at 5.25' grades yellowish red (5YR 4/6); at 5.5' grades with increasing sand, loose, dry to damp, olive gray (5Y 5/2); at 5.75' grades with yellowish red (5YR 4/6), medium stiff to stiff, dry to damp; at 6' grades with no yellowish red, friable, decreasing sand with manganese nodules, dry to damp		
-10					CH		SILTY CLAY: light olive gray (5Y 6/2), medium stiff to stiff, high plasticity, dry to damp, iron staining		
							grades light olive gray (5Y 6/1) and yellowish red (5Y 4/6), soft to medium stiff, high plasticity, moist		Screen: (15') 2 in. PVC, 0.010-in. slot, (4.5-19.5')
					ML		CLAYEY SILT: with trace sand, olive (5Y 5/4) and brown (10YR 5/3), friable, hard, low to medium plasticity, damp to moist, iron staining		
					CL		CLAY: with silt, olive gray (5Y 5/2), stiff to very stiff, medium plasticity, dry, iron staining and manganese nodules		
-15							no recovery, sample stuck in sampler, driller notes weathered black shale at bottom of sampler, slightly moist		
-20							SHALE: very dark gray (2.5Y 3/1), soft to medium stiff, weathered, damp		PVC End Cap