

Boring Location Sketch:	Project No: 155-0189-01	Date Drilled: 01-13-03	Boring No. MW-1
	Client: SHELL OIL PRODUCTS US		
	Facility: SAHARA & DECATUR SHELL		Sheet No. 1 of 2
	Location: 2500 S. DECATUR BLVD.		
	City: LAS VEGAS, NV.		
Logged By: D. GEORGE		Driller: GREGG DRILLING	
Casing installation data:			

Drilling Method: HOLLOW-STEM AUGER/CME-95	Top of box elevation:	Ground Level Elevation:
Boring Diameters: 12"		

Depth (Feet)	Sample Number	Sample Int.	Time	PID (ppm)	Blow Counts per 6"	Well Detail	Soil Group Symbol	Water Level			
								Time			
								Date			
0								WELL GRADED SAND (SW); WITH SILT AND GRAVEL, DARK YELLOWISH ORANGE (10YR 6/6), ~20% GRAVEL, SL. DAMP.			
5											
10			0740		100/6"			LEAN CLAY (CL); WITH SAND, VERY PALE ORANGE (10YR 8/2), HARD, DAMP.			
15			0750		100/3"			HEAVILY CEMENTED, SL. DAMP.			
20			0755		9-11-12			NO CEMENTATION, PALE YELLOWISH ORANGE (10YR 8/6), VERY STIFF, DAMP.			
25			0805		47-14-19			WELL GRADED SAND (SW); WITH GRAVEL, (10YR 6/6), ~30% FINE GRAVEL, DENSE, DAMP.			
30			0810		9-10-14						
35			0820		47-50/5"			LEAN CLAY (CL); WITH SAND, VERY PALE ORANGE (10YR 8/2), HARD, MOIST, HEAVILY CEMENTED			

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Depth (Feet)	Sample Number	Sample Int.	Time	PID (ppm)	Blow Counts per 6"	Well Detail	Soil Group Symbol	Water Level				
								Time				
								Date				
35												
			0830		9-14-17							
40												
			1035		13-18-24							
45			1040		37-100/5'							
			1050		80/3"							
			1110		14-14-16							
50			1115		38-40-47							
			1120		14-16-17							
			1130		7-14-22							
55												
60												
65												
70												

SILTY SAND (SM), DARK YELLOWISH ORANGE(10YR 6/6). ~70% FINE SAND, DENSE, MOIST.

SANDY LEAN CLAY (CL); VERY PALE ORANGE (10YR 8/2). ~40% WELL GRADED SAND, HARD, V. MOIST.

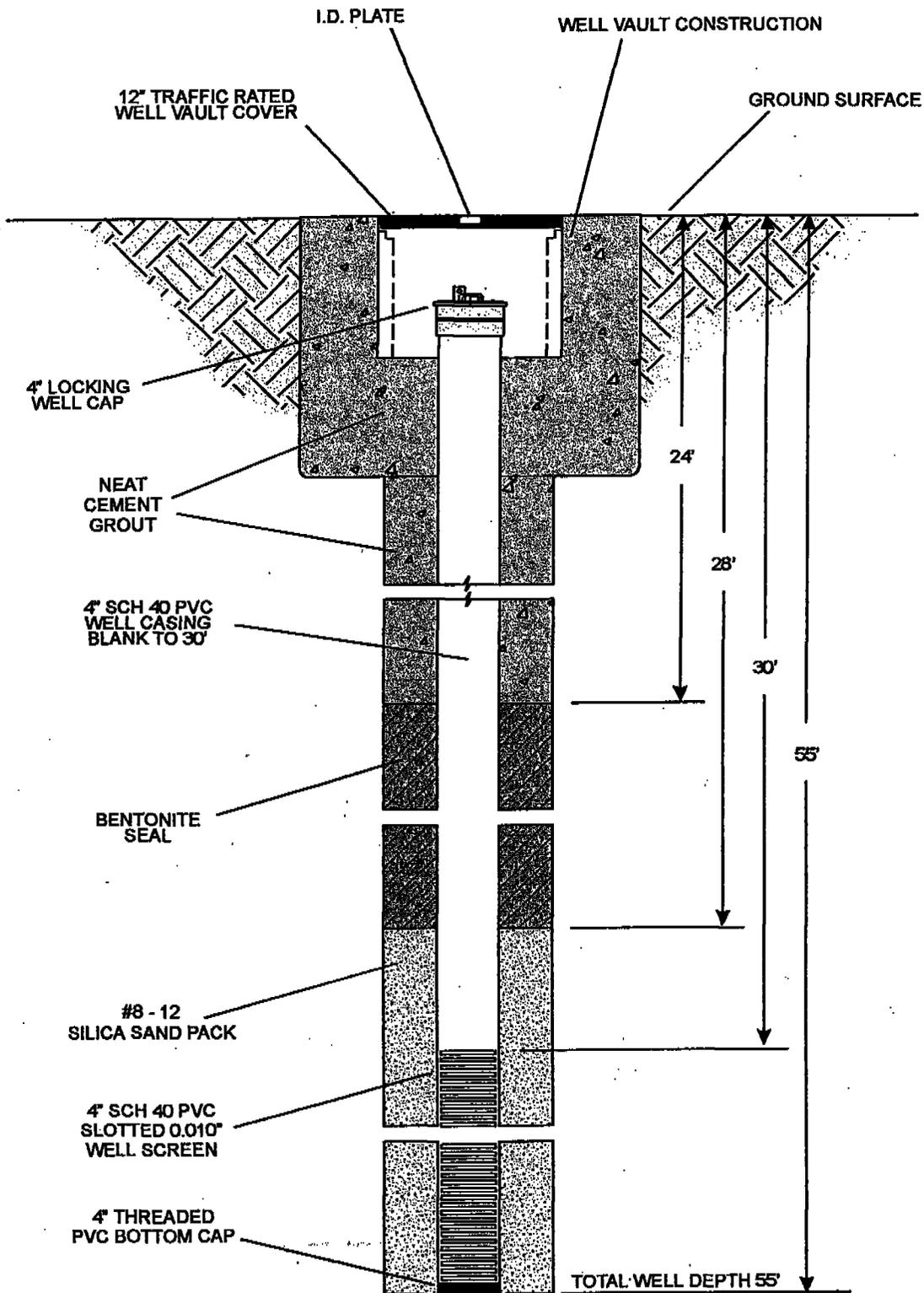
LEAN CLAY (CL); WITH SAND, LIGHT BROWN (5YR 5/6). ~20% F. SAND, V. STIFF, V. MOIST.

VERY PALE ORANGE, HARD, LUMPS OF "CALICHE"

MODERATE ORANGE PINK (5YR 8/4)

WHITE (N9), HARD, V. MOIST, CALCIFIED

TD = 54 FEET BGS



DRILL METHOD: HOLLOW STEM AUGER
 DRILL DIAMETER: 12"
 DATE DRILLED: 01-13-03



NOTE: NOT TO SCALE



MILLER BROOKS
Environmental, Inc.

SHELL OIL PRODUCTS U.S.
 SERVICE STATION FACILITY
 2500 SOUTH DECATUR BLVD.
 LAS VEGAS, NEVADA 89102

GROUNDWATER MONITOR WELL MW-1
 CONSTRUCTION DETAIL

FIGURE

MW-1

PROJECT#: 155-0189-01

FILE#: 0189wcdmw1

DATE DRAWN: 03/20/03

DRAWN BY: B. McCLELLAN