


WELL ABANDONED ON AUGUST 8, 2010

	PROJECT NUMBER 349821.10.05.40	WELL NUMBER MW-1	SHEET 1	OF 1
	WELL COMPLETION DIAGRAM			

PROJECT: 9315 Civic Center Drive, BHLC

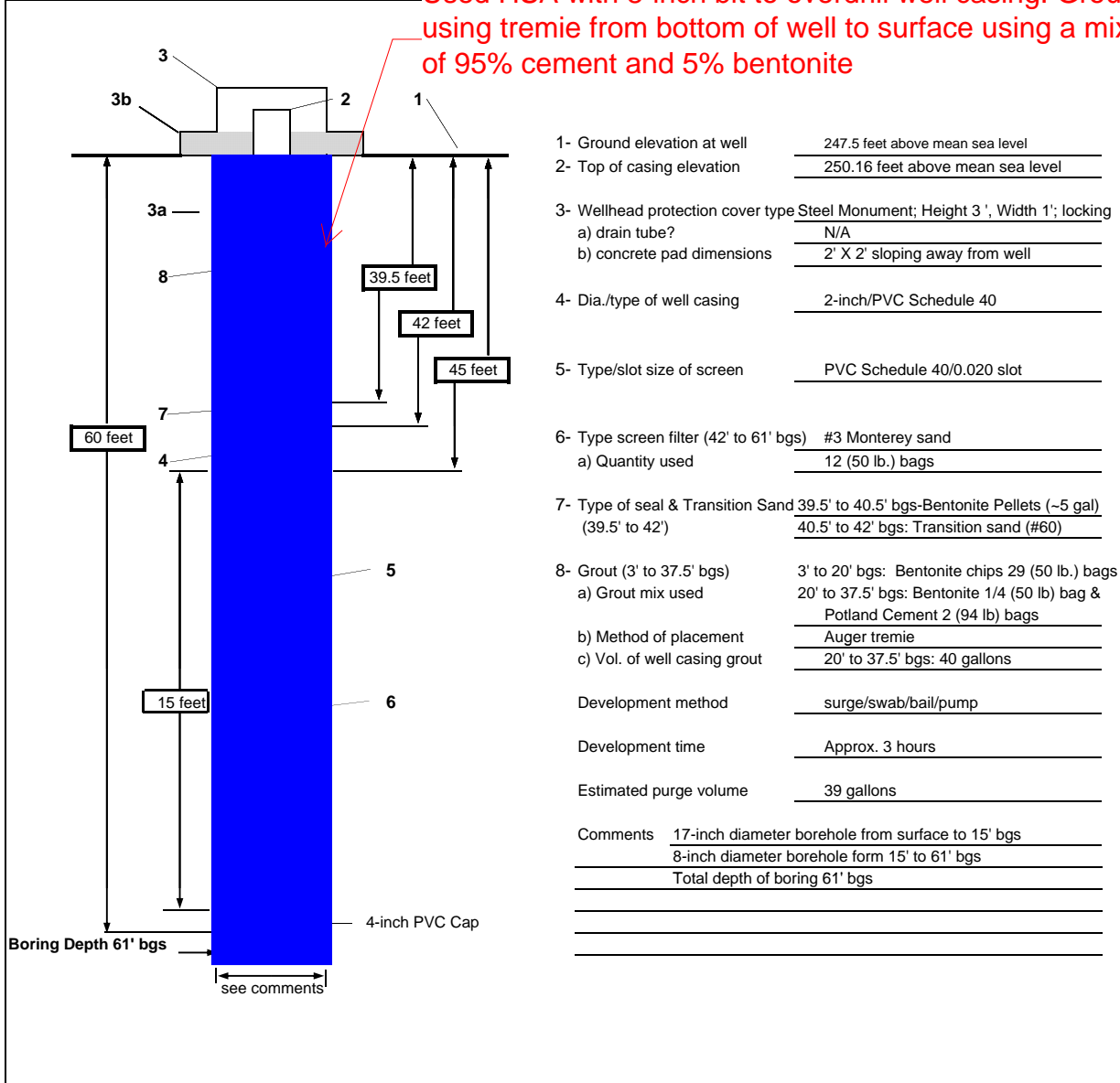
LOCATION: Beverly Hills, CA

DRILLING CONTRACTOR: Gregg Drilling

DRILLING METHOD AND EQUIPMENT USED: CME-95 HollowStem Auger with 1.5 ft Split Spoon Sampler


WATER LEVELS: 52 ft bgs

Used HSA with 8-inch bit to overdrill well casing. Grouted using tremie from bottom of well to surface using a mixture of 95% cement and 5% bentonite



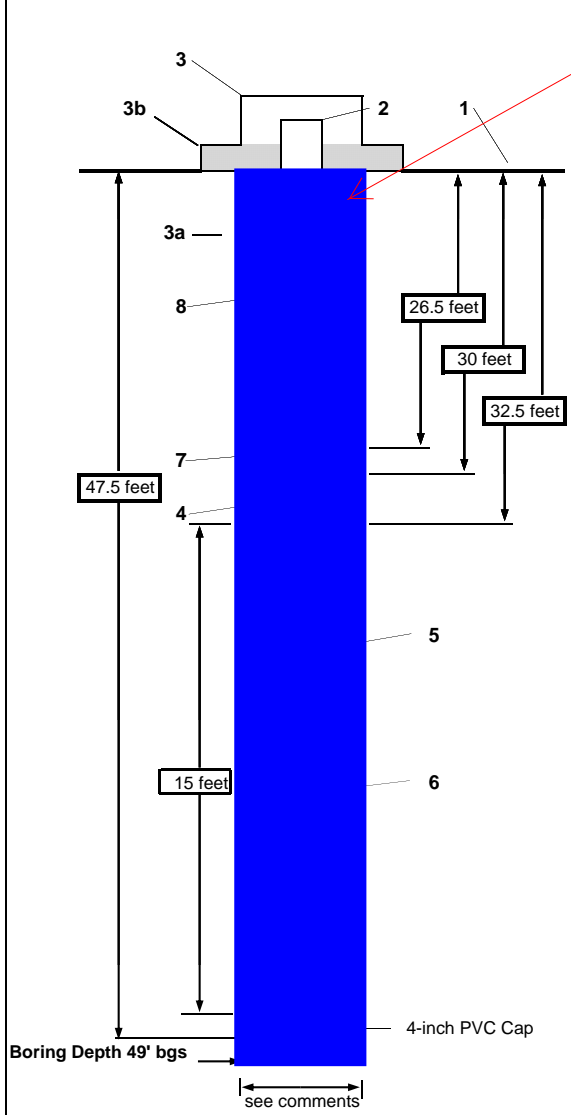
1- Ground elevation at well	247.5 feet above mean sea level
2- Top of casing elevation	250.16 feet above mean sea level
3- Wellhead protection cover type	Steel Monument; Height 3', Width 1'; locking
a) drain tube?	N/A
b) concrete pad dimensions	2' X 2' sloping away from well
4- Dia./type of well casing	2-inch/PVC Schedule 40
5- Type/slot size of screen	PVC Schedule 40/0.020 slot
6- Type screen filter (42' to 61' bgs)	#3 Monterey sand
a) Quantity used	12 (50 lb.) bags
7- Type of seal & Transition Sand	39.5' to 40.5' bgs: Bentonite Pellets (~5 gal) 40.5' to 42' bgs: Transition sand (#60)
8- Grout (3' to 37.5' bgs)	3' to 20' bgs: Bentonite chips 29 (50 lb.) bags 20' to 37.5' bgs: Bentonite 1/4 (50 lb) bag & Portland Cement 2 (94 lb) bags
a) Grout mix used	Bentonite 1/4 (50 lb) bag & Portland Cement 2 (94 lb) bags
b) Method of placement	Auger tremie
c) Vol. of well casing grout	20' to 37.5' bgs: 40 gallons
Development method	surge/swab/bail/pump
Development time	Approx. 3 hours
Estimated purge volume	39 gallons
Comments	17-inch diameter borehole from surface to 15' bgs 8-inch diameter borehole form 15' to 61' bgs Total depth of boring 61' bgs

WELL ABANDONED ON AUGUST 8, 2010

	PROJECT NUMBER 349821.10.05.40	WELL NUMBER MW-2	SHEET 1	OF 1
	WELL COMPLETION DIAGRAM			

PROJECT: 9315 Civic Center Drive, BHLC LOCATION: Beverly Hills, CA
 DRILLING CONTRACTOR: Gregg Drilling
 DRILLING METHOD AND EQUIPMENT USED: CME-95 HollowStem Auger with 1.5 ft Split Spoon Sampler
 WATER LEVELS: 39.8 ft bgs START: 9/16/2009 END: 9/16/2009 LOGGER: Chris Smida

Used HSA with 8-inch bit to overdrill well casing.
 Grouted using tremie from bottom of well to surface using a mixture of 95% cement and 5% bentonite



1- Ground elevation at well	231.4 feet above mean sea level
2- Top of casing elevation	234.22 feet above mean sea level
3- Wellhead protection cover type	Steel Monument; Height 3', Width 1'; locking
a) drain tube?	N/A
b) concrete pad dimensions	2' X 2' sloping away from well
4- Dia./type of well casing	2-inch/PVC Schedule 40
5- Type/slot size of screen	PVC Schedule 40/0.020 slot
6- Type screen filter (30' to 49' bgs)	#3 Monterey sand
a) Quantity used	12 (50 lb.) bags
7- Type of seal & Transition Sand	26.5' to 29' bgs-Bentonite Pellets (~5 gal) 29' to 30' bgs: Transition sand (#60)
8- Grout (3' to 26.5' bgs)	3' to 15' bgs: Bentonite chips 27 (50 lb.) bags 15' to 26.5' bgs: Bentonite 1/4 (50 lb) bag & Portland Cement 2 (94 lb) bags
a) Grout mix used	Bentonite 1/4 (50 lb) bag & Portland Cement 2 (94 lb) bags
b) Method of placement	Auger tremie
c) Vol. of well casing grout	15' to 26.5' bgs: 40 gallons
Development method	surge/swab/bail/pump*
Development time	4 hours
Estimated purge volume	7 gallons
Comments	17-inch diameter borehole from surface to 15' bgs 8-inch diameter borehole from 15' to 49' bgs Total depth of boring 49' bgs
*low-yield well. After initial development, used a variable speed monsoon pump to pump dry. Allowed well to recharge over night and repeated (twice).	