

# FW: LOOK AHEAD - Aquifer Testing Report



Andress, Lane, NMENV

Wed 10/23/2019 3:38 PM

To: Allen, Pam, NMENV <pam.allen@state.nm.us>;

1 attachment

Well Completion Diagrams.pdf;

**From:** Cobrain, Dave, NMENV <dave.cobrain@state.nm.us>  
**Sent:** Wednesday, October 23, 2019 2:34 PM  
**To:** Andress, Lane, NMENV <Lane.Andress@state.nm.us>  
**Subject:** FW: LOOK AHEAD - Aquifer Testing Report

Dave Cobrain  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East Bldg 1  
Santa Fe, NM 87505-6313  
Main Office Phone 505-476-6000  
Direct Line 505-476-6055  
Fax 505-476-6030

**From:** Kieling, John, NMENV <[john.kieling@state.nm.us](mailto:john.kieling@state.nm.us)>  
**Sent:** Tuesday, January 21, 2014 9:21 AM  
**To:** Spalding, Susan ([Spalding.Susan@epa.gov](mailto:Spalding.Susan@epa.gov)) <[Spalding.Susan@epa.gov](mailto:Spalding.Susan@epa.gov)>; King, Laurie ([king.laurie@epa.gov](mailto:king.laurie@epa.gov)) <[king.laurie@epa.gov](mailto:king.laurie@epa.gov)>; Hubner, Tara ([Hubner.Tara@epa.gov](mailto:Hubner.Tara@epa.gov)) <[Hubner.Tara@epa.gov](mailto:Hubner.Tara@epa.gov)>; Torcoletti, Paul <[Torcoletti.Paul@epa.gov](mailto:Torcoletti.Paul@epa.gov)>; Ellinger, Scott ([Ellinger.Scott@epa.gov](mailto:Ellinger.Scott@epa.gov)) <[Ellinger.Scott@epa.gov](mailto:Ellinger.Scott@epa.gov)>  
**Cc:** Blaine, Tom, NMENV <[Tom.Blaine@state.nm.us](mailto:Tom.Blaine@state.nm.us)>; Cobrain, Dave, NMENV <[dave.cobrain@state.nm.us](mailto:dave.cobrain@state.nm.us)>; Reuter, Stephen, NMENV <[stephen.reuter@state.nm.us](mailto:stephen.reuter@state.nm.us)>  
**Subject:** RE: LOOK AHEAD - Aquifer Testing Report

Attached is Appendix A - Well Diagrams to the Aquifer Test Report

More attachments to follow

**From:** Kieling, John, NMENV  
**Sent:** Friday, January 17, 2014 2:50 PM  
**To:** Spalding, Susan ([Spalding.Susan@epa.gov](mailto:Spalding.Susan@epa.gov)); King, Laurie ([king.laurie@epa.gov](mailto:king.laurie@epa.gov)); Hubner, Tara

KAFB4897



([Hubner.Tara@epa.gov](mailto:Hubner.Tara@epa.gov)); Torcoletti, Paul; Ellinger, Scott ([Ellinger.Scott@epa.gov](mailto:Ellinger.Scott@epa.gov))

**Cc:** Blaine, Tom, NMENV ([Tom.Blaine@state.nm.us](mailto:Tom.Blaine@state.nm.us)); Cobrain, Dave, NMENV; Reuter, Stephen, NMENV

**Subject:** FW: LOOK AHEAD - Aquifer Testing Report

Susan and others.

Attached is the Aquifer Test Report (in a draft form) regarding the Kirtland AFB fuel spill. I have ask the contractor to provide the appendices. Once we receive the appendices we will forward to EPA.

If you could please review and provide any comments on this document NMED would appreciate.

Thanks, John

John E. Kieling, Chief  
Hazardous Waste Bureau  
New Mexico Environment Department  
2905 Rodeo Park Drive East, Bldg 1  
Santa Fe, NM 87505

(505) 476-6000 (HWB Main)  
(505) 476-6030 (fax)  
[john.kieling@state.nm.us](mailto:john.kieling@state.nm.us)

**From:** Agnew, Diane [<mailto:diane.agnew@CBIFederalServices.com>]

**Sent:** Wednesday, January 15, 2014 12:01 PM

**To:** Blaine, Tom, NMENV; Kieling, John, NMENV; Cobrain, Dave, NMENV; Reuter, Stephen, NMENV

**Cc:** Amdurer, Mike; Cooper, Thomas; Hobbs, Rachel G; BITNER, LUDIE W JR GS-13 USAF AFMC 377 MSG/CEIR; CLARK, SCOTT C GS-12 USAF AFMC 377 MSG/CEIR ([scott.clark@us.af.mil](mailto:scott.clark@us.af.mil)); [john.m.mcbee@usace.army.mil](mailto:john.m.mcbee@usace.army.mil)

**Subject:** LOOK AHEAD - Aquifer Testing Report

Hello:

Please see attached for the "Look Ahead" copy of the Aquifer Testing Results Report. Due to the size of appendices, they are not included in this look ahead copy.

We are asking for feedback by **COB Monday, January 21, 2014.**

Please let me know if you have any edits or comments.

Diane



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PROJECT NUMBER  
279495.04.01.01

WELL NUMBER  
KAFB-10610

SHEET 1 OF 1

## WELL COMPLETION DIAGRAM

PROJECT : ST-106 KAFB Bulk Fuels Facility

LOCATION : Bullhead Park

DRILLING CONTRACTOR : WDC Exploration & Wells      COORDINATES : N 1,475,266.8613 E 1,542,980.1899 New Mexico State Plane Coordinates,

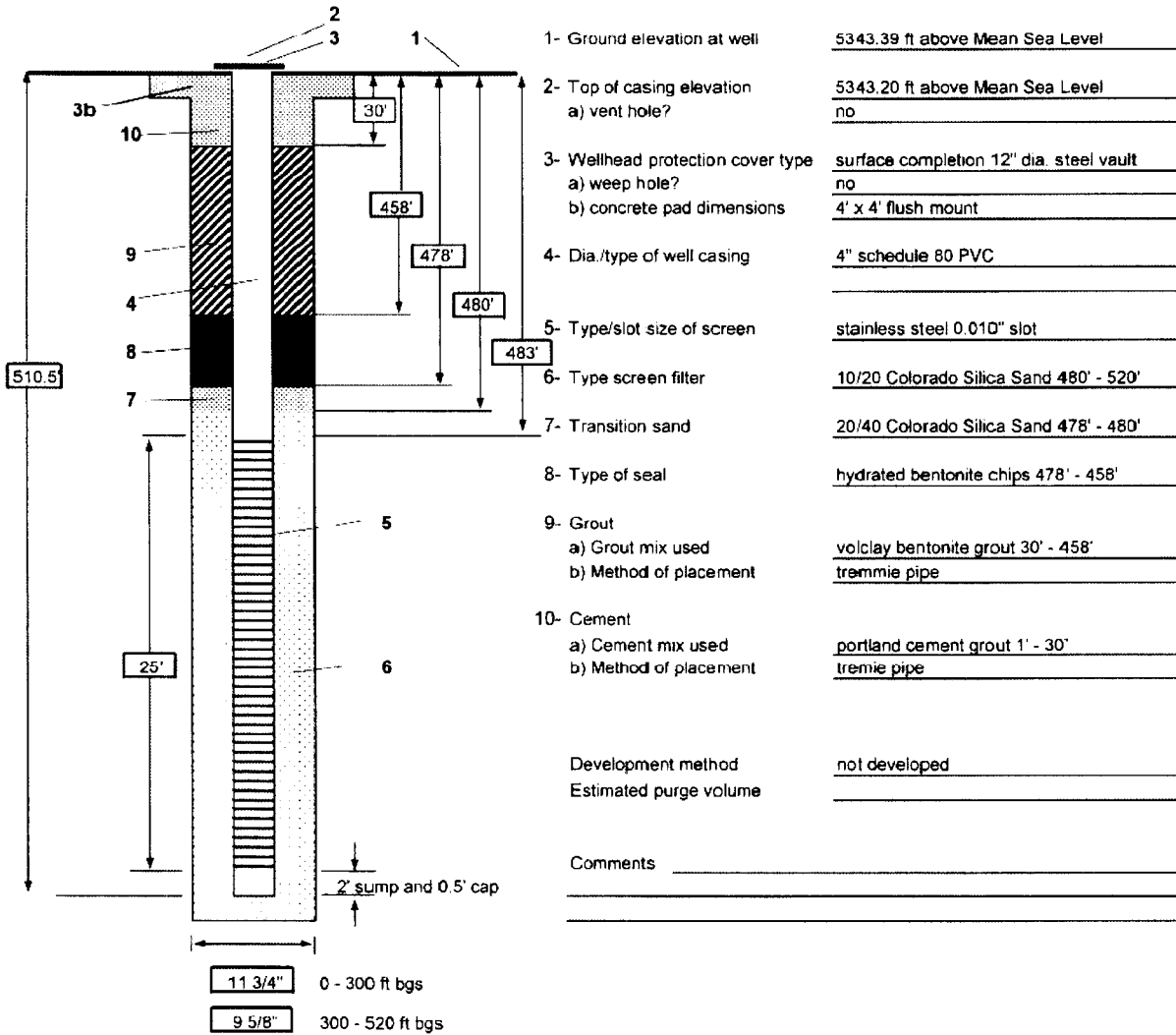
DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 15K      Central Zone, NAD 83 Datum

WATER LEVEL : 490.41' bgs (12/7/2007)

START : 12/5/2007

END : 12/6/2007

LOGGER : M. Brisien/J. Waldron



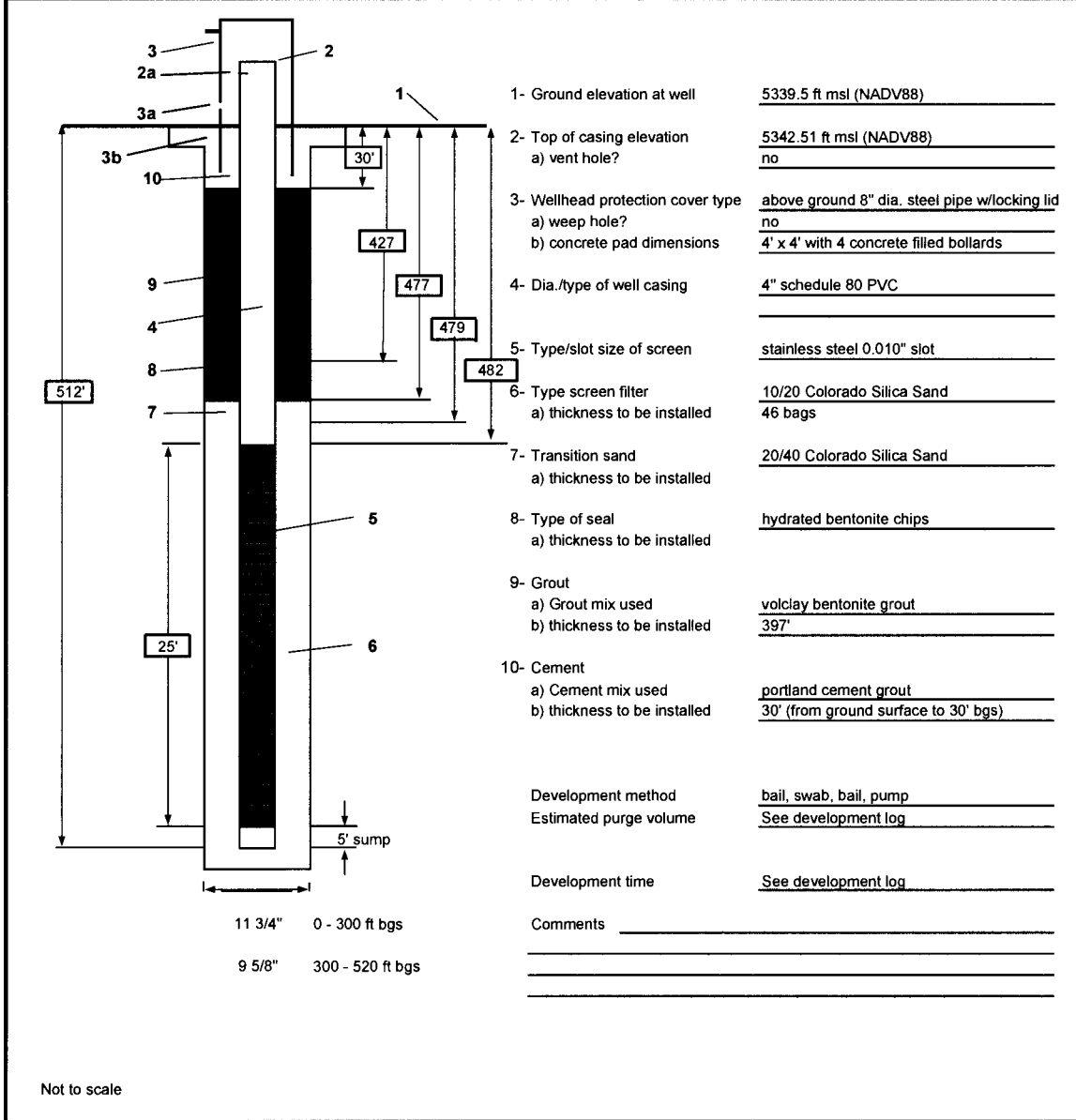
Development method: not developed  
Estimated purge volume: \_\_\_\_\_


Comments: \_\_\_\_\_  
\_\_\_\_\_

Not to scale

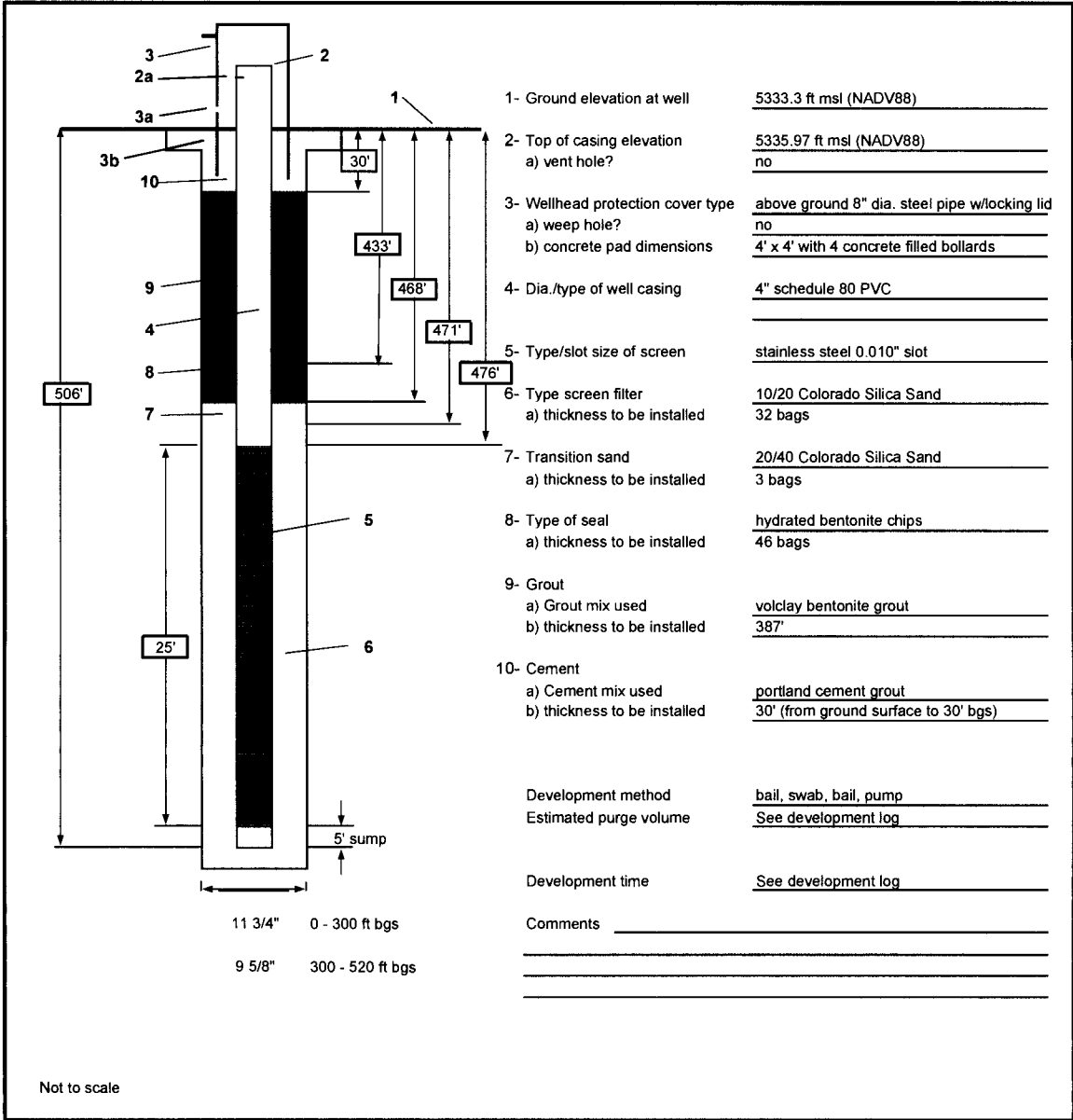
<b>CH2MHILL</b>	PROJECT NUMBER	WELL NUMBER <b>KAFB-10617</b>	SHEET 1 OF 1
	<b>ESTIMATED WELL COMPLETION DIAGRAM</b>		


PROJECT : ST-106 KAFB Bulk Fuels Facility                      LOCATION : VA Field  
 DRILLING CONTRACTOR : WDC Exploration & Wells          COORDINATES :                      1542923.45 ft E 1475228.99 ft N (NAD 83 NM central)  
 DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K  
 WATER LEVEL : 488 7/12'                      START :                      END :                      LOGGER : K. Mouzakis and T. Arowood



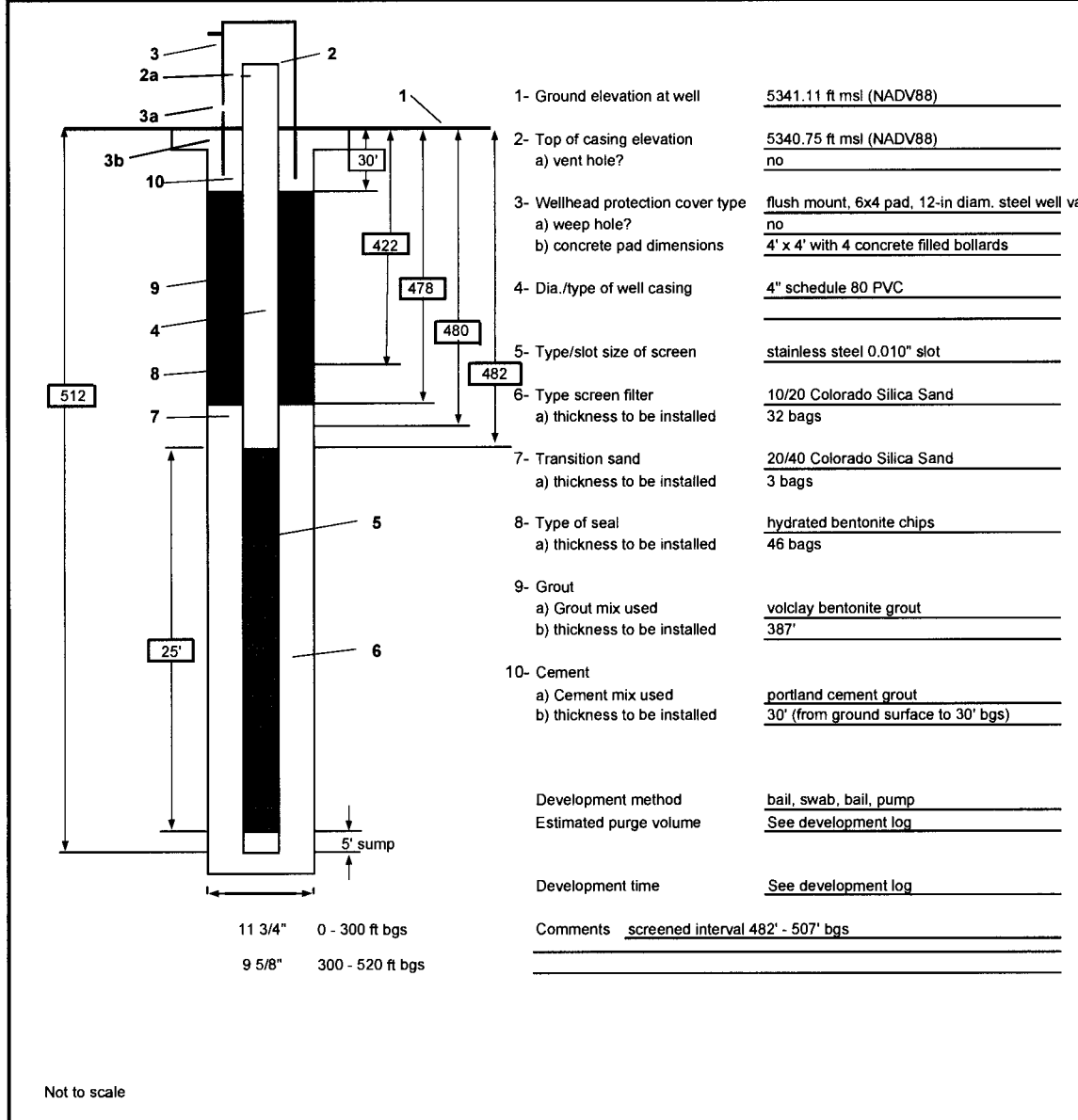
	<b>PROJECT NUMBER</b>	<b>WELL NUMBER</b> <b>KAFB-10618</b>	SHEET 1 OF 1
	<b>ESTIMATED WELL COMPLETION DIAGRAM</b>		

PROJECT : ST-106 KAFB Bulk Fuels Facility      LOCATION : SW of Bulk Fuels  
 DRILLING CONTRACTOR : WDC Exploration & Wells      COORDINATES : 1542425.96 ft E      1475430.35 ft N (NAD 83 NM central)  
 DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K  
 WATER LEVEL : 482.5'      START :      END :      LOGGER : T. Arowood



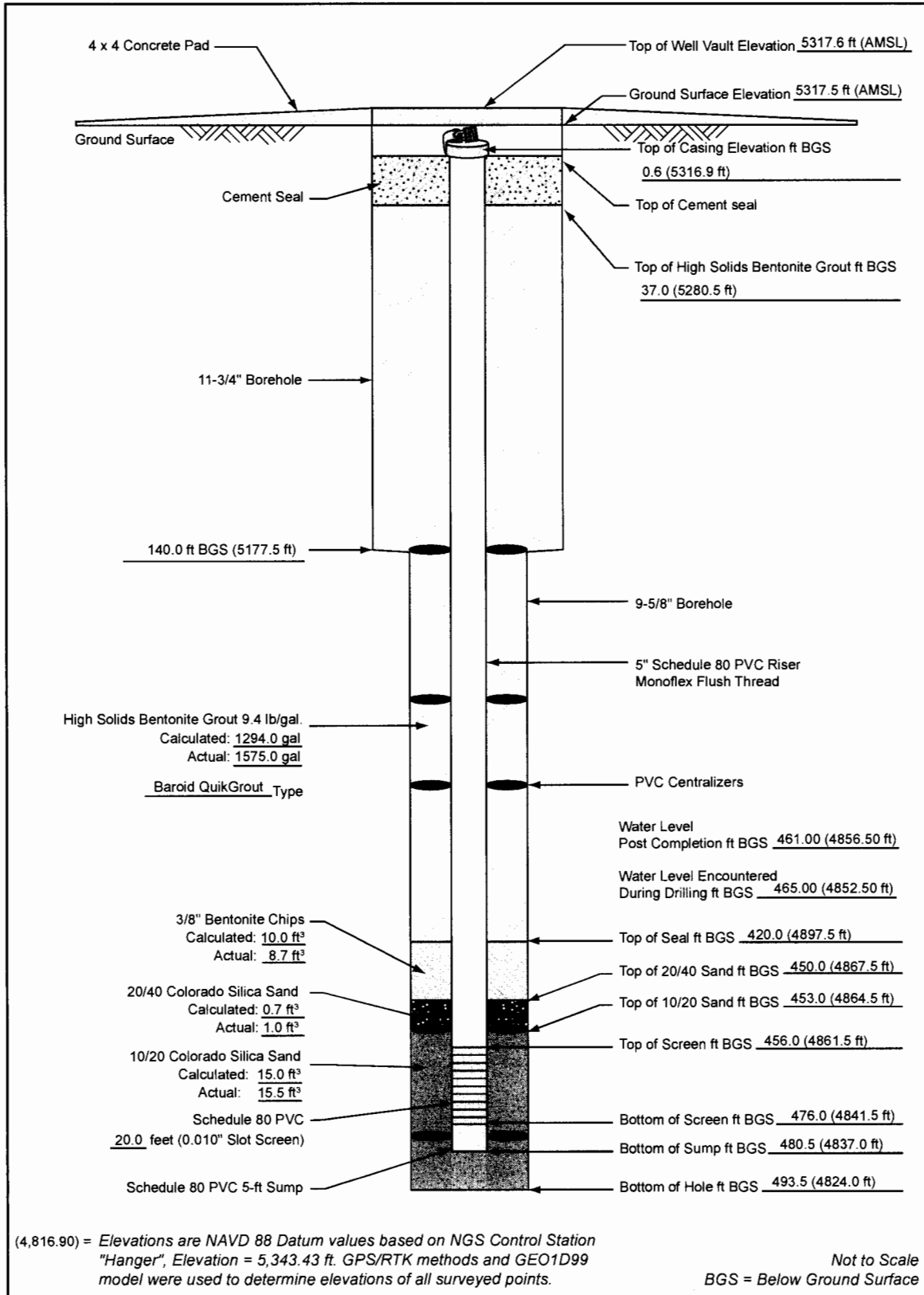
	<b>PROJECT NUMBER</b>	<b>WELL NUMBER</b> <b>KAFB-10620</b>	SHEET 1 OF 1
	<b>ESTIMATED WELL COMPLETION DIAGRAM</b>		

PROJECT : ST-106 KAFB Bulk Fuels Facility      LOCATION : SW of Bulk Fuels  
 DRILLING CONTRACTOR : WDC Exploration & Wells      COORDINATES : 1541868.99 ft E 1475368.41 ft N (NAD 83 NM central)  
 DRILLING METHOD AND EQUIPMENT USED : Air Rotary Casing Hammer, Speedstar 30K  
 WATER LEVEL : 489'      START :      END :      LOGGER : K. Mouzakis



# Monitoring Well Completion Diagram KAFB-106032

Installation Start Date/Time: 6/21/2011 @ 13:54  
 Installation End Date/Time: 6/24/2011 @ 10:19

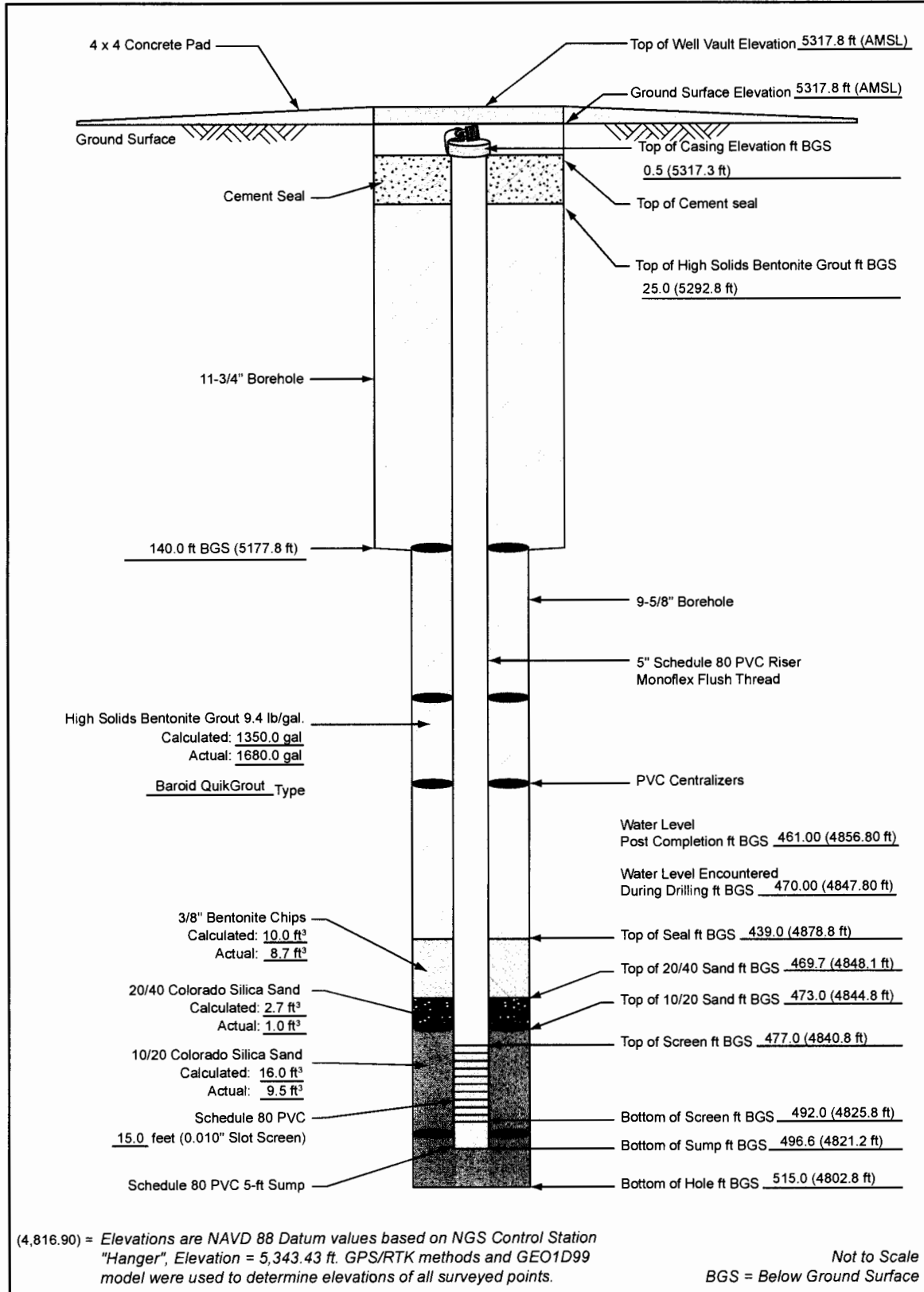




# Monitoring Well Completion Diagram KAFB-106033

Installation Start Date/Time: 6/17/2011 @ 10:14

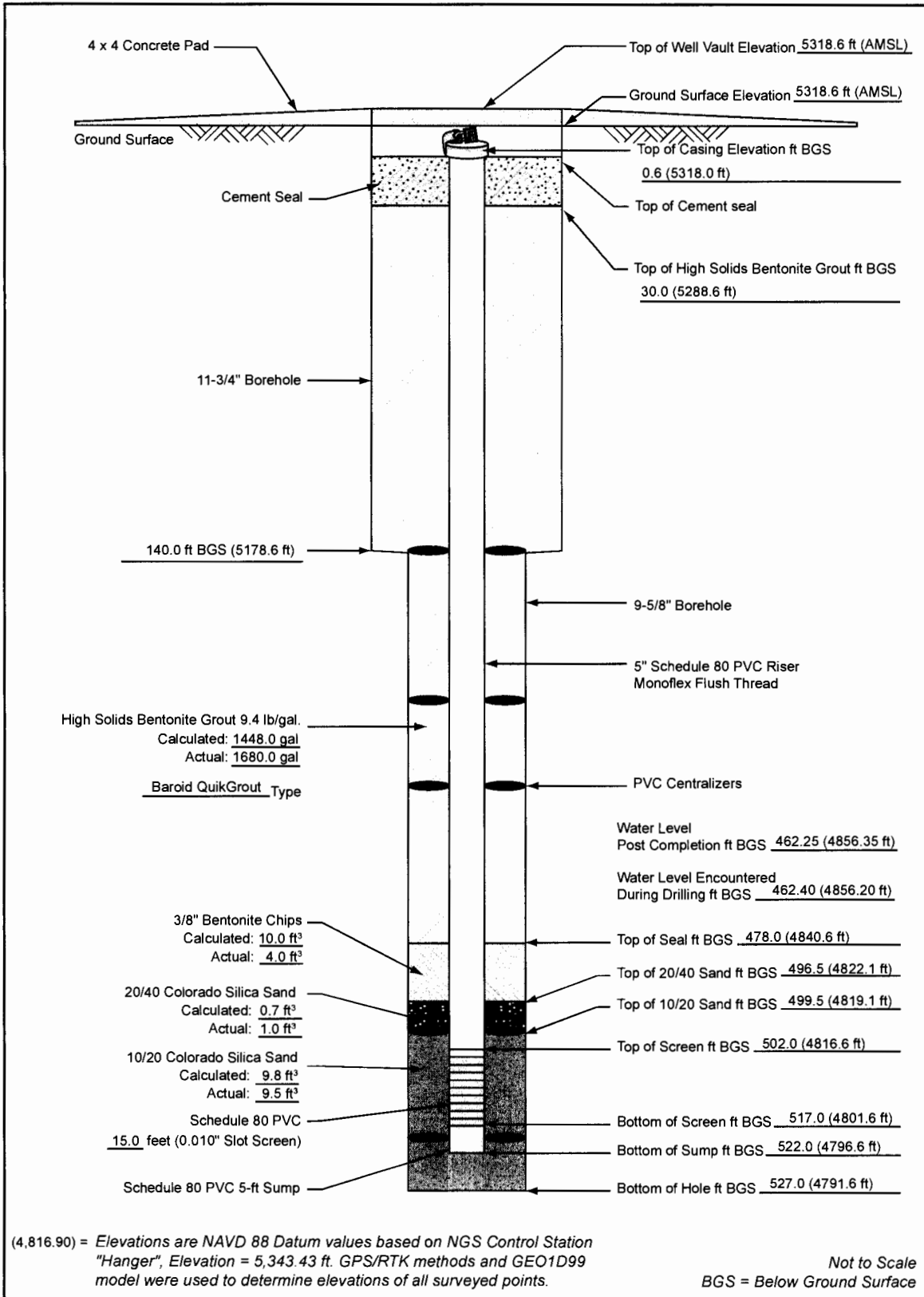
Installation End Date/Time: 6/24/2011 @ 11:15



# Monitoring Well Completion Diagram KAFB-106034

Installation Start Date/Time: 6/8/2011 @ 11:50

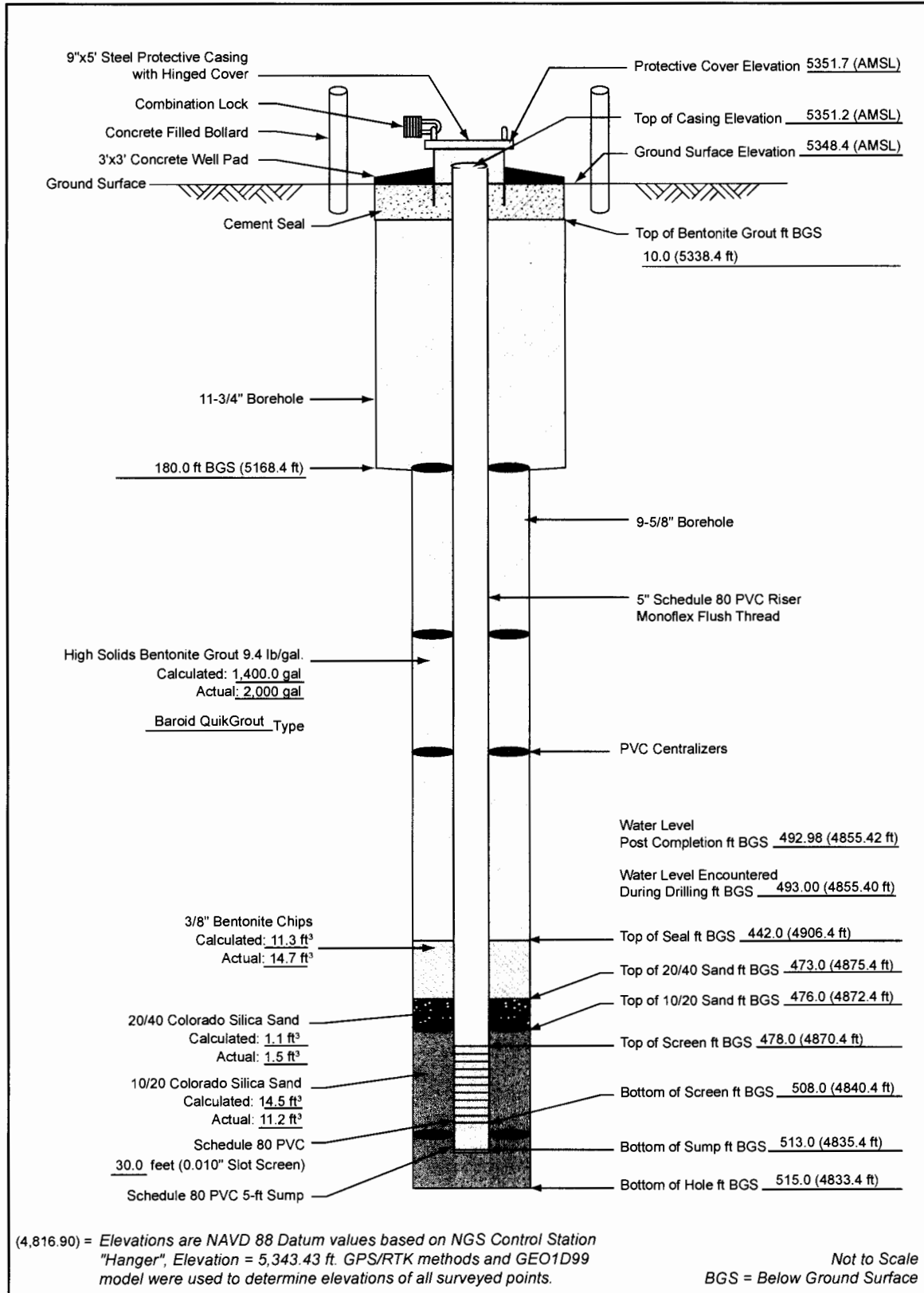
Installation End Date/Time: 6/24/2011 @ 10:31



# Monitoring Well Completion Diagram KAFB-106038

Installation Start Date/Time: 8/03/2011 @ 08:00

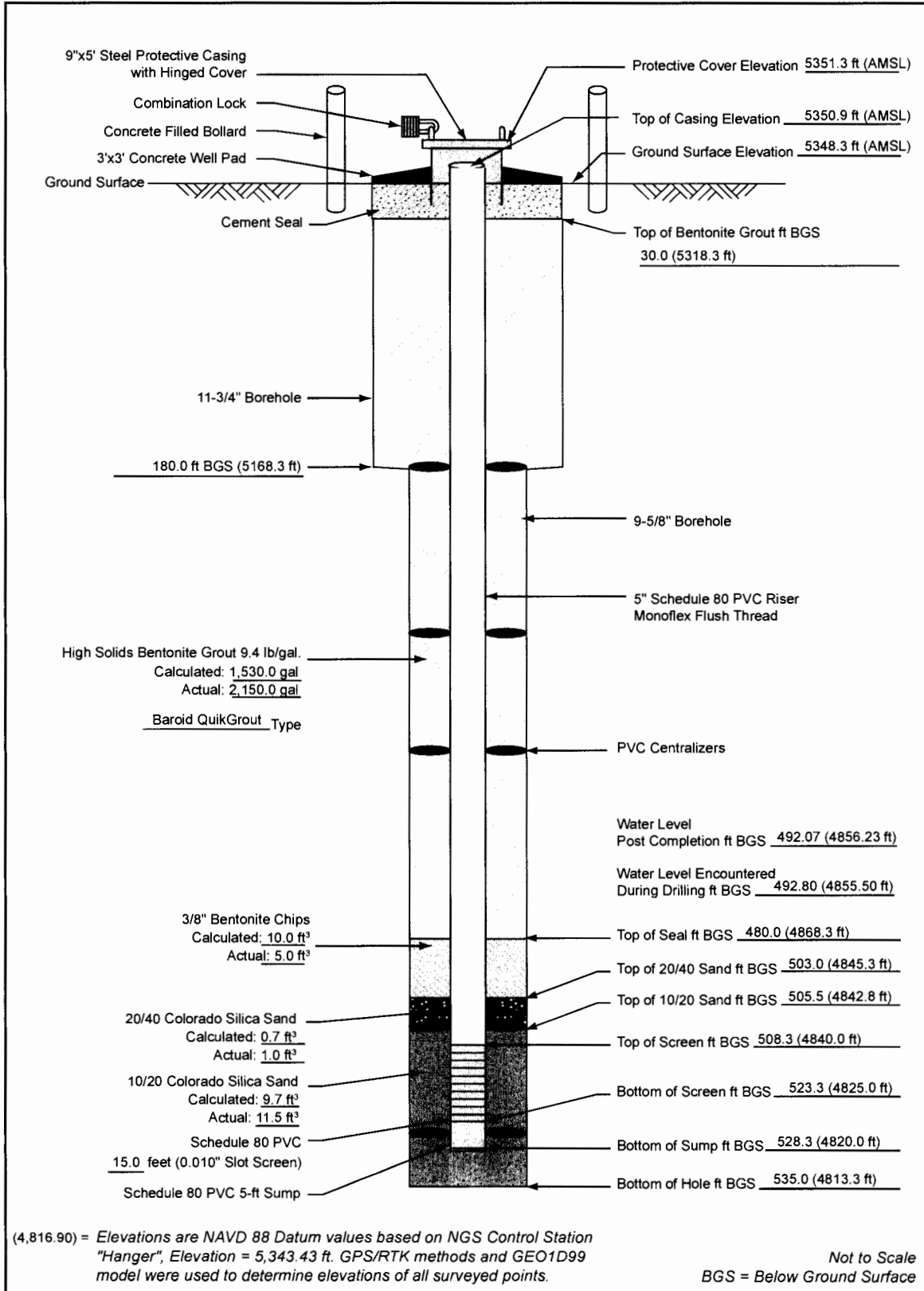
Installation End Date/Time: 8/05/2011 @ 12:00



# Monitoring Well Completion Diagram KAFB-106039

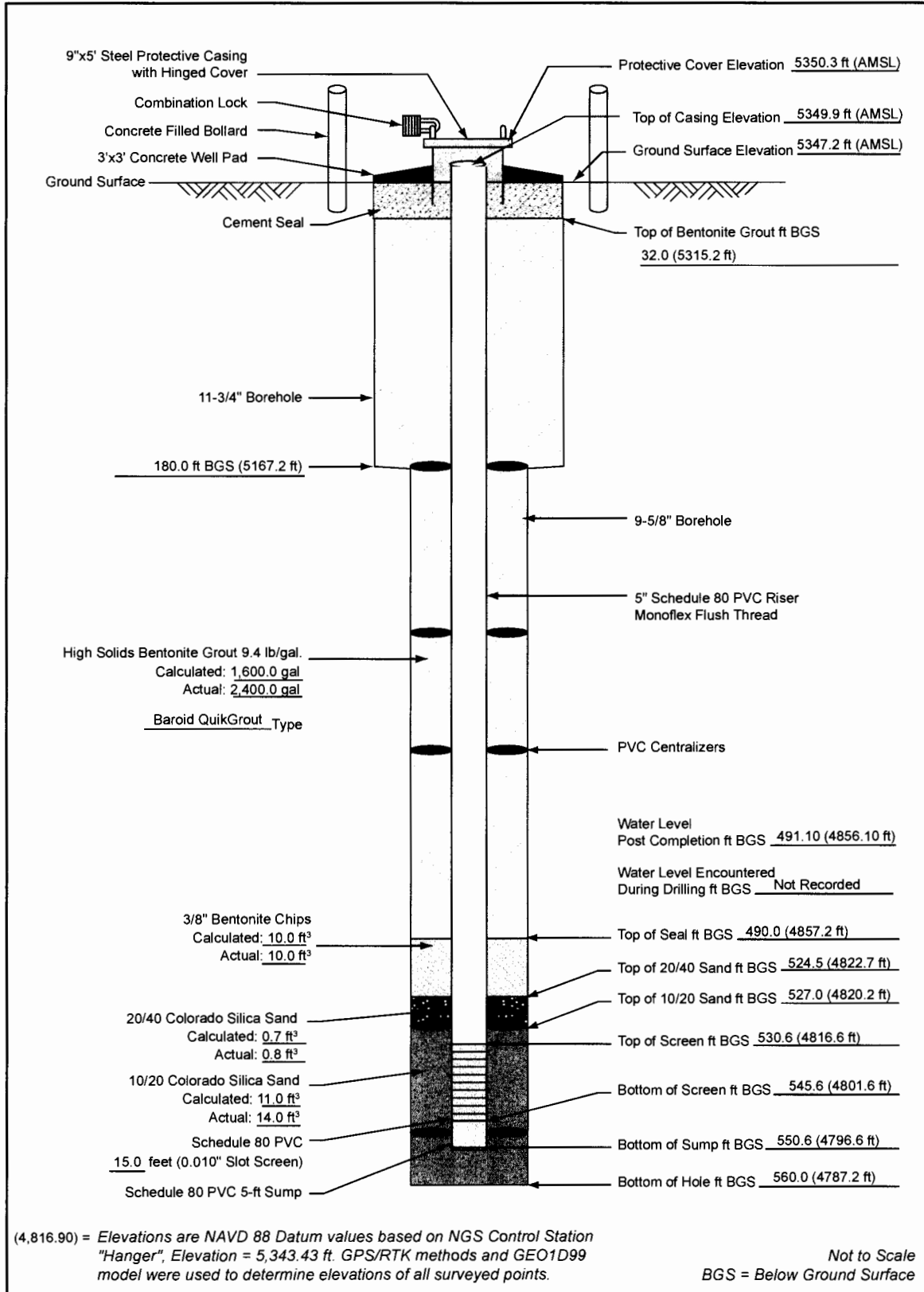
Installation Start Date/Time: 7/22/2011 @ 11:00

Installation End Date/Time: 7/26/2011 @ 13:40



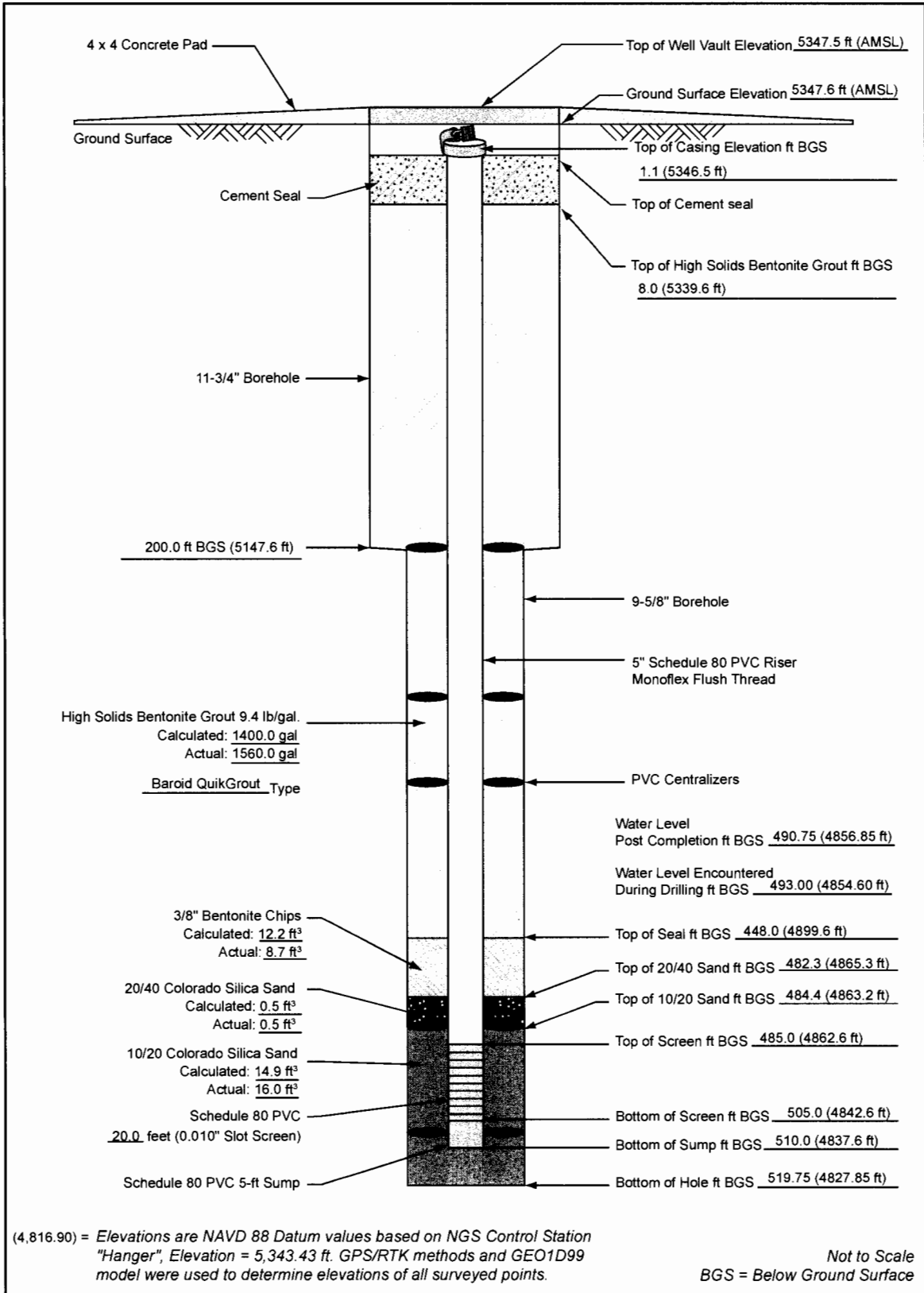
# Monitoring Well Completion Diagram KAFB-106040

Installation Start Date/Time: 7/12/2011 @ 11:15  
 Installation End Date/Time: 7/19/2011 @ 11:50



# Monitoring Well Completion Diagram KAFB-106067

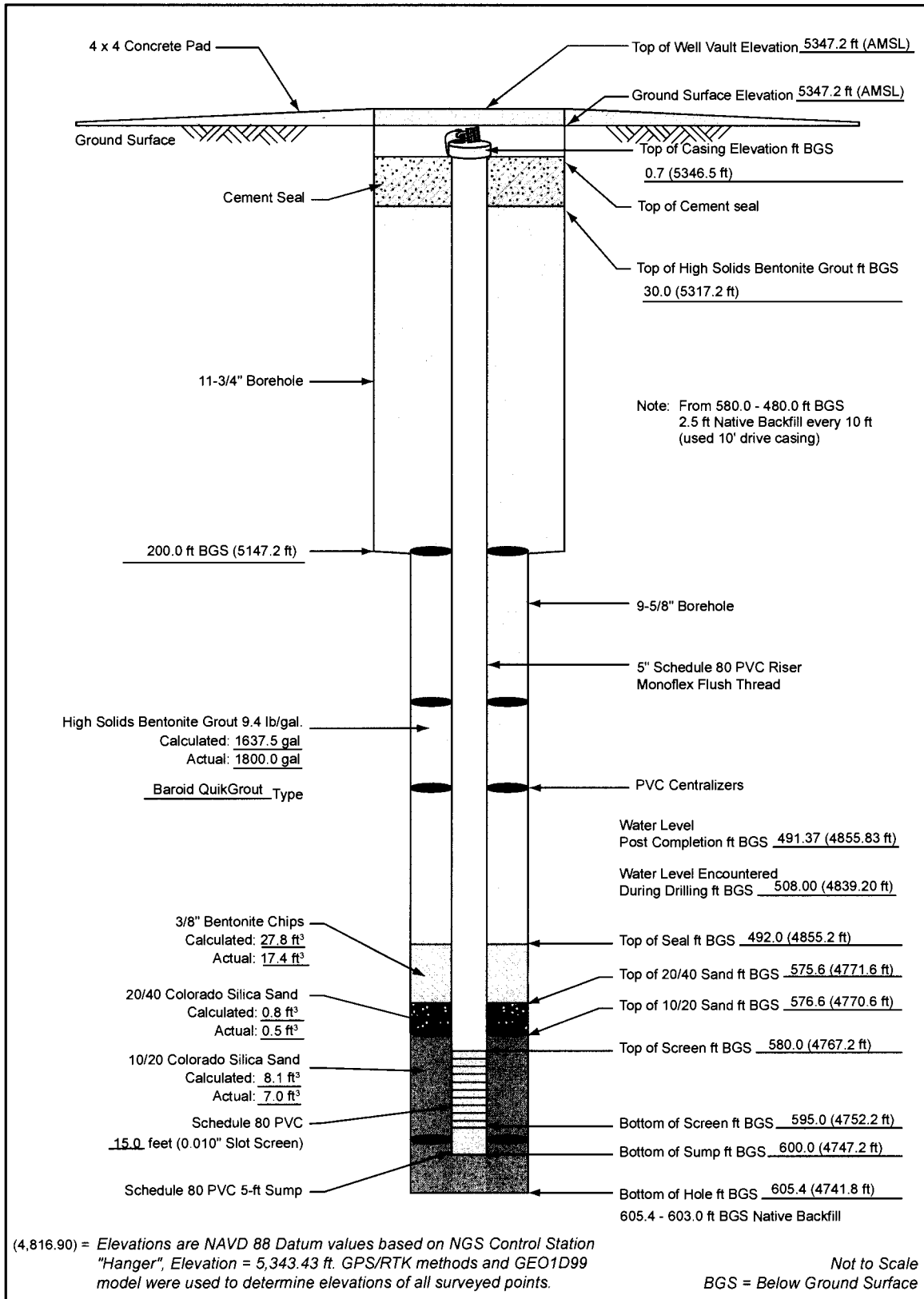
Installation Start Date/Time: 5/5/2011 @ 13:00  
 Installation End Date/Time: 5/11/2011 @ 09:30



# Monitoring Well Completion Diagram KAFB-106068

Installation Start Date/Time: 4/31/2011 @ 17:00

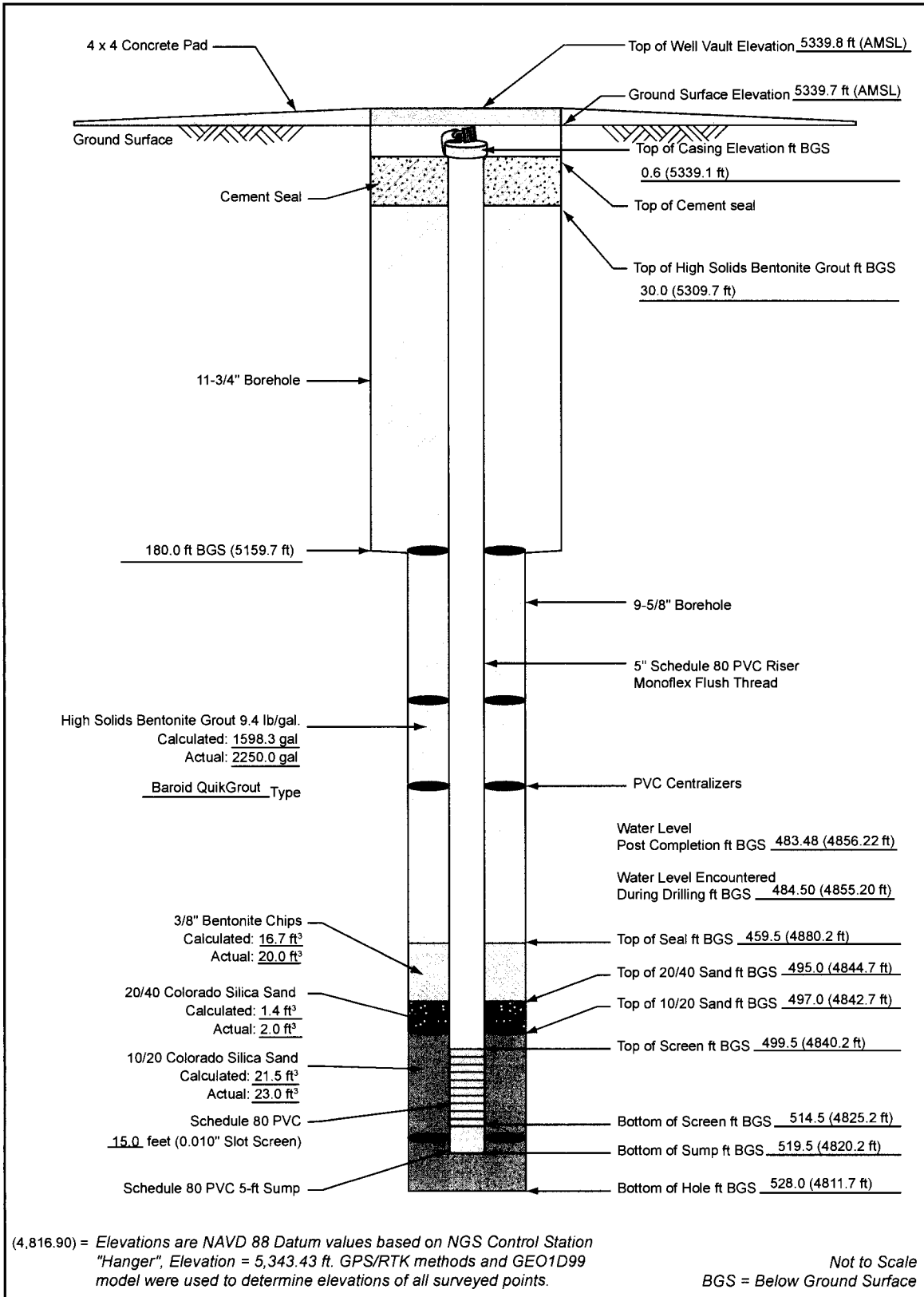
Installation End Date/Time: 5/03/2011 @ 09:30



# Monitoring Well Completion Diagram KAFB-106073

Installation Start Date/Time: 5/2/2011 @ 10:35

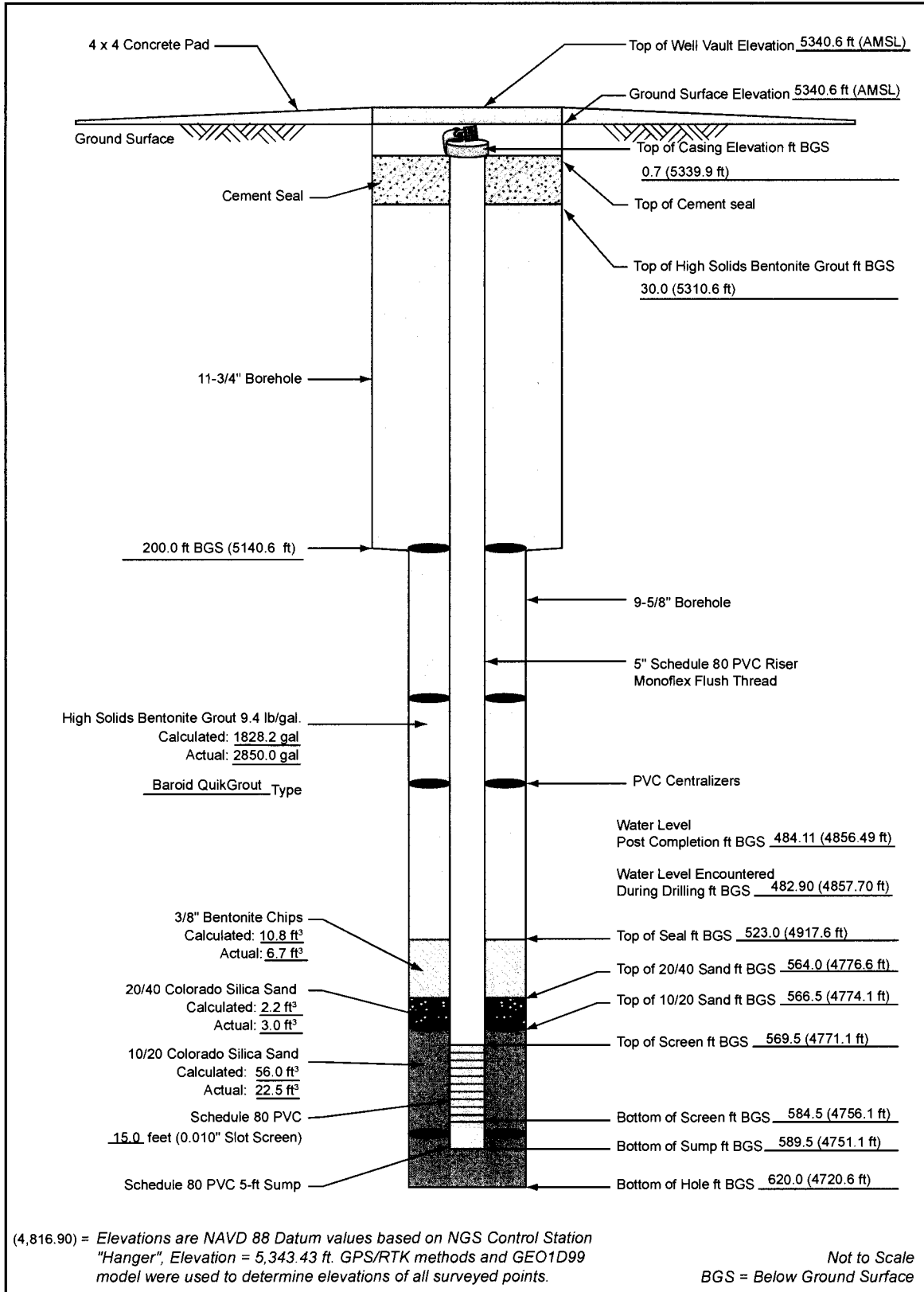
Installation End Date/Time: 5/5/2011 @ 10:00





# Monitoring Well Completion Diagram KAFB-106074

Installation Start Date/Time: 4/26/2011 @ 14:20  
 Installation End Date/Time: 4/28/2011 @ 15:00

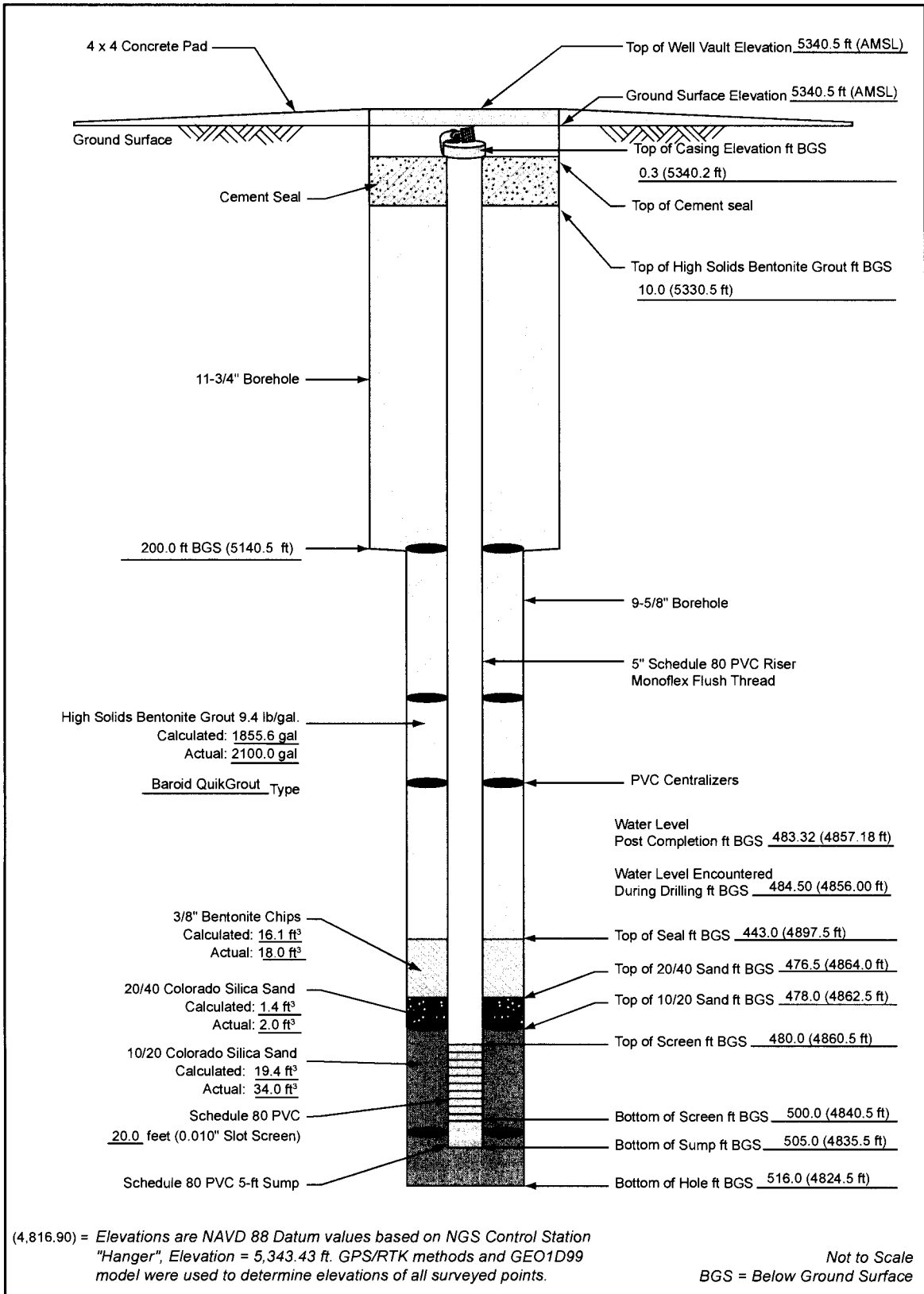


(4,816.90) = Elevations are NAVD 88 Datum values based on NGS Control Station "Hanger", Elevation = 5,343.43 ft. GPS/RTK methods and GEO1D99 model were used to determine elevations of all surveyed points.

Not to Scale  
 BGS = Below Ground Surface

# Monitoring Well Completion Diagram KAFB-106075

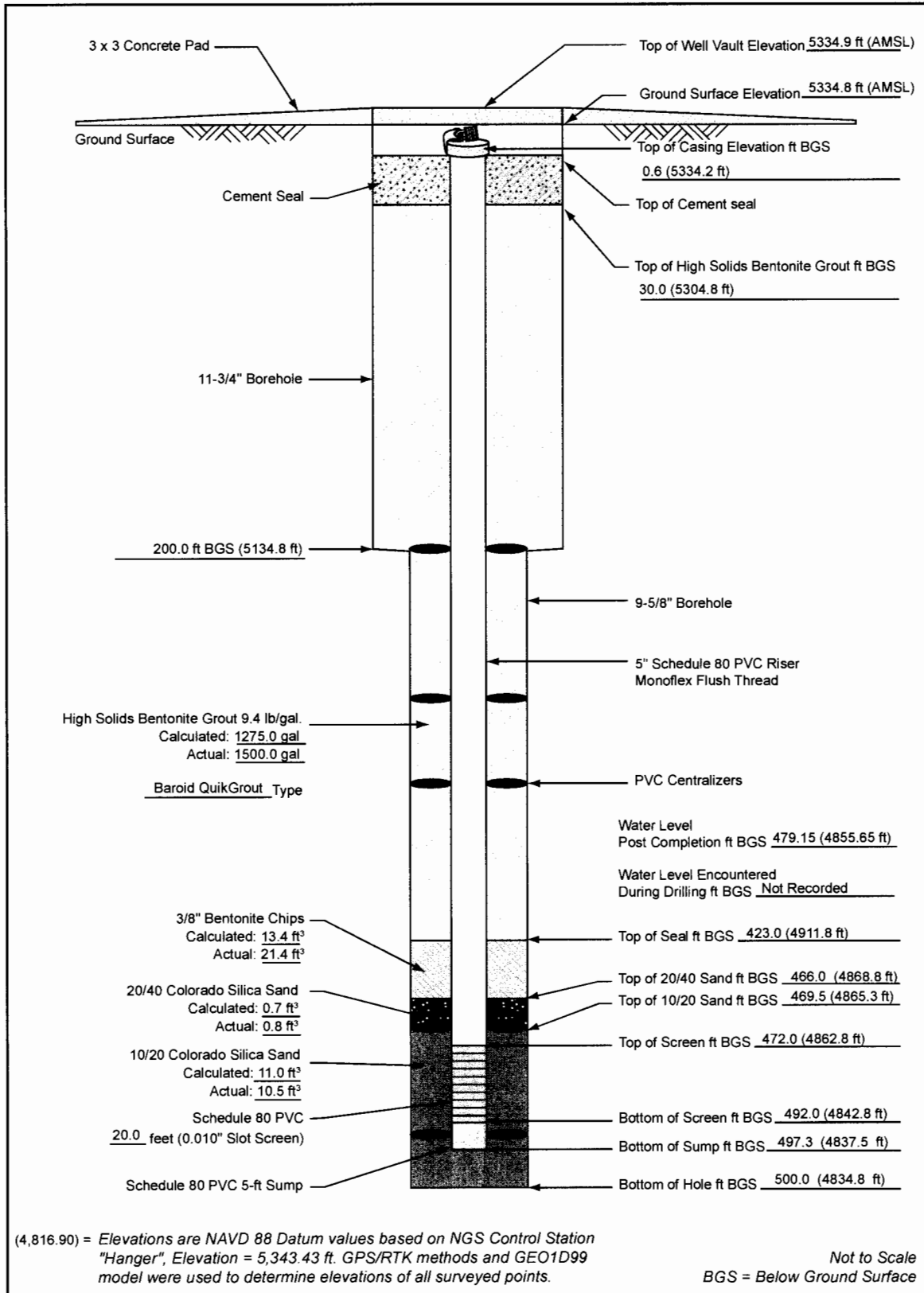
Installation Start Date/Time: 4/15/2011 @ 12:45  
 Installation End Date/Time: 4/17/2011 @ 10:41



# Monitoring Well Completion Diagram KAFB-106082

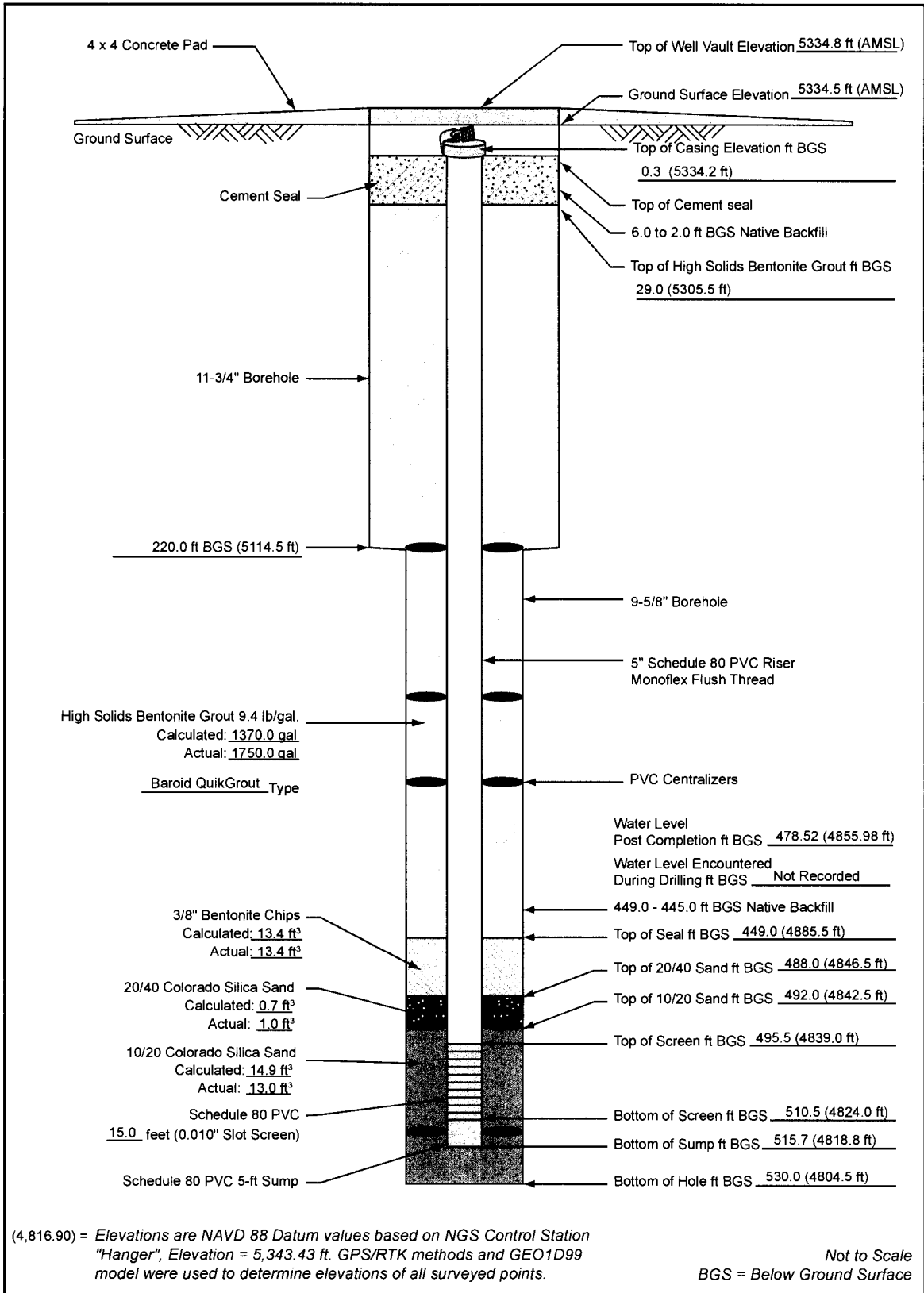
Installation Start Date/Time: 3/18/2011 @ 11:00

Installation End Date/Time: 4/5/2011 @ 10:00



# Monitoring Well Completion Diagram KAFB-106083

Installation Start Date/Time: 4/3/2011 @ 12:00  
 Installation End Date/Time: 4/15/2011 @ 09:45



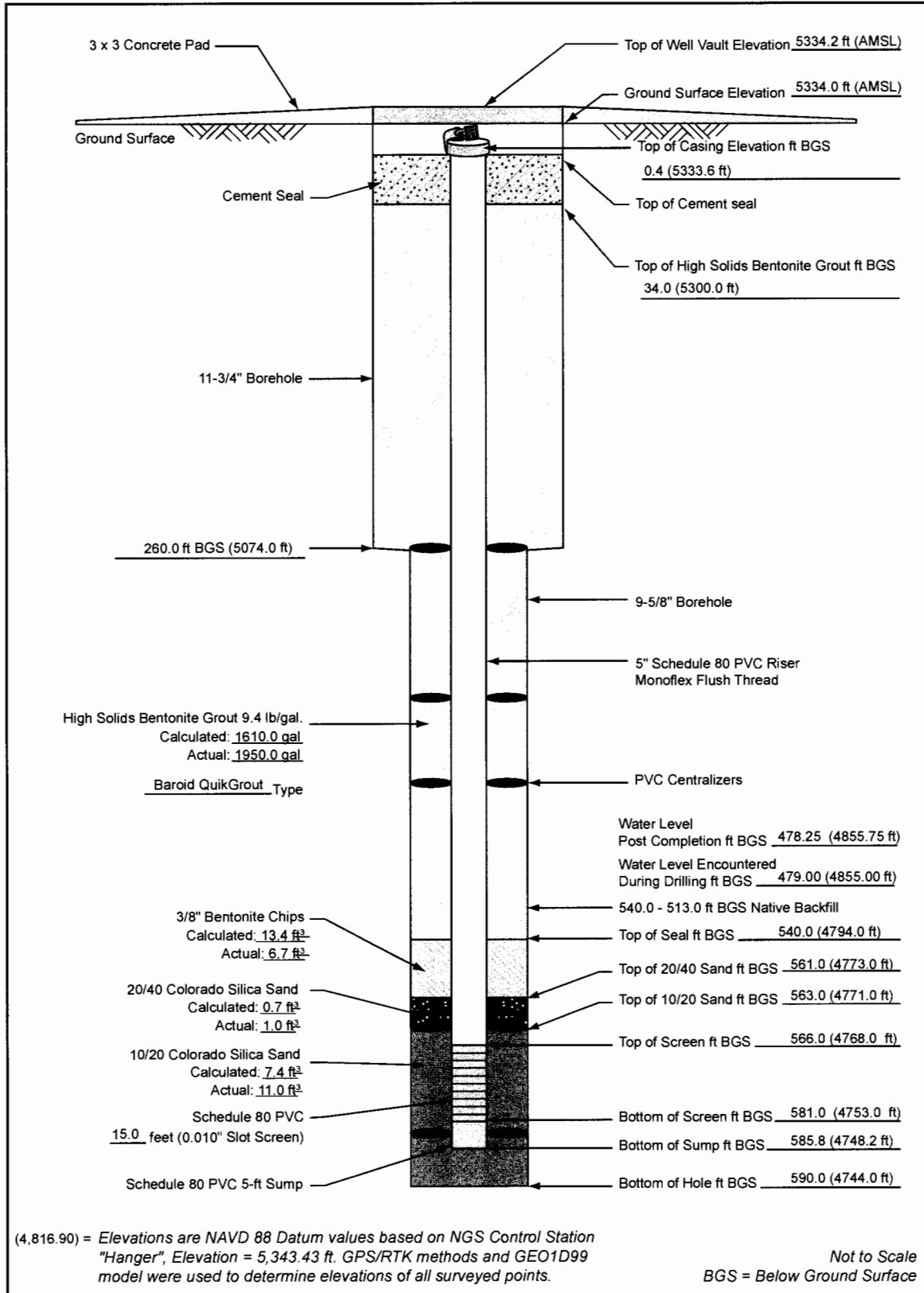
(4,816.90) = Elevations are NAVD 88 Datum values based on NGS Control Station "Hanger", Elevation = 5,343.43 ft. GPS/RTK methods and GEO1D99 model were used to determine elevations of all surveyed points.

Not to Scale  
 BGS = Below Ground Surface

# Monitoring Well Completion Diagram KAFB-106084

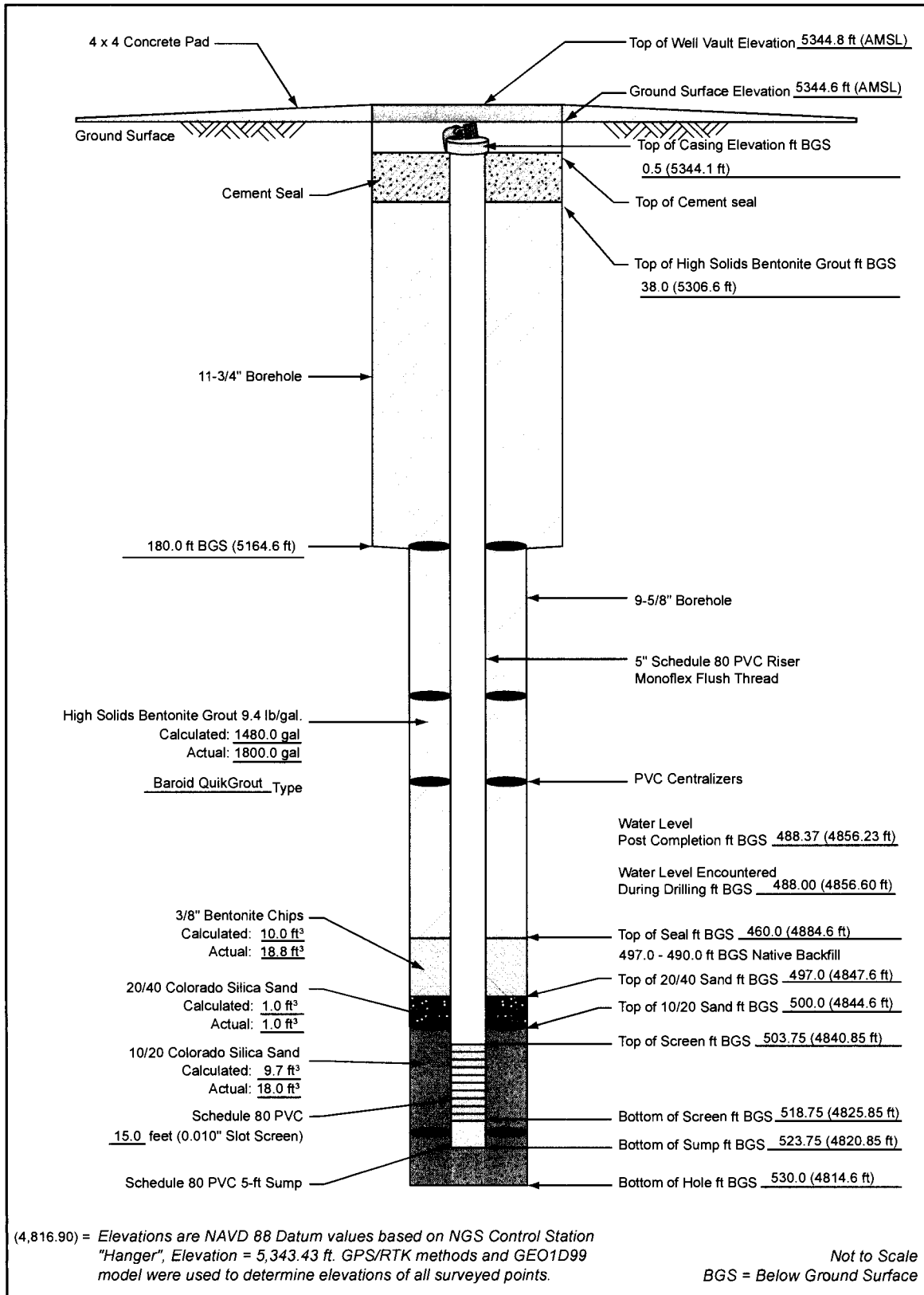
Installation Start Date/Time: 3/23/2011 @ 16:00

Installation End Date/Time: 4/5/2011 @ 12:00



# Monitoring Well Completion Diagram KAFB-106095

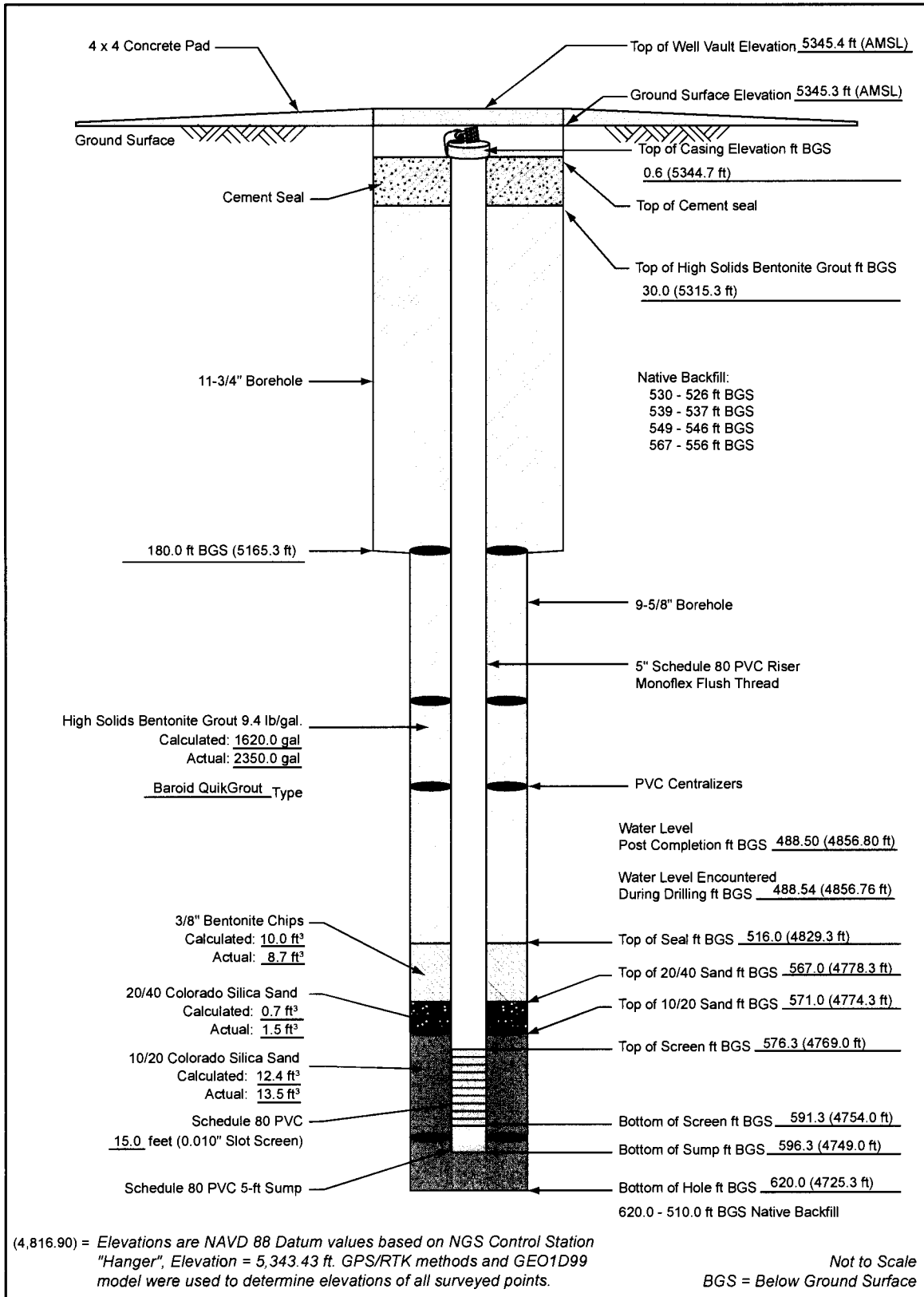
Installation Start Date/Time: 6/16/2011 @ 11:10  
 Installation End Date/Time: 6/24/2011 @ 14:00



# Monitoring Well Completion Diagram KAFB-106096

Installation Start Date/Time: 6/5/2011 @ 10:45

Installation End Date/Time: 6/7/2011 @ 13:45



# LNAPL Extraction Well 106157

Installation Start Date/Time: 12/10/11 @ 0800

Installation End Date/Time: 12/16/11 @ 0900

