DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 377TH AIR BASE WING (AFMC)

ENTERED

NOV 0 7 2013

RECEIVED

NOV 1 2 2013

NMED
Hazardous Waste Bureau

Colonel Tom D. Miller
377 ABW/CC
2000 Wyoming Blvd SE
Kirtland AFB NM 87117-5600

Mr. John Kieling, Chief
Hazardous Waste Bureau (HWB)
New Mexico Environment Department (NMED)
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Dear Mr. Kieling:

Well Development

Well development was performed on groundwater extraction well KAFB-106157 prior to conducting aquifer testing to ensure that the aquifer test accurately characterizes groundwater conditions in the vicinity of the well and to improve the performance of the well and optimize the overall yield. Well development was conducted from September 27 through 29, 2013 and was conducted in accordance with the industry standard practices and in general accordance with the United States Environmental Protection Agency's (EPA) Resource Conservation and Recovery Act (RCRA) Ground-Water Monitoring: Draft Technical Guidance (EPA, 1992), and with the Kirtland Air Force Base (AFB) RCRA Permit (NMED, 2010). In addition, well development was conducted in accordance with the Groundwater Extraction Well KAFB-106157 Well Development Work Plan (USACE, 2013) approved by NMED on October 10, 2013. The well development record and well completion diagram for KAFB-106157 are provided in Appendix A.

Because well KAFB-106157 was not developed when installed in December 2011, well development procedures used were more rigorous than those that would have been used if the well were developed at the time of installation; procedures included the following:

1. Prior to well development, the depth to water, total water column, and total well depth were determined. The depth to water before developing the well was 482.74 feet (ft.) below ground surface. The total water column was 60.7 feet. The total well depth was measured at 543.4 ft. below ground surface. According to the well completion diagram, the total well depth at the time of installation was 545 ft below ground surface. This discrepancy in total well depth could be either from the accumulation of sediment or an imprecise approximation of ground surface elevation during well installation.

2. The well was bailed prior to surging and swabbing. Minimal sediment was brought up in the bailer, and the subcontractor was confident that the bailer was hitting hard bottom. This indicates that there was no appreciable sediment accumulation in the well.

3. The well was mechanically surged and swabbed using a surge block. Because it was not possible to have both a pump and the surge block operating simultaneously, the well was bailed both before and after surging and swabbing.

   a. Multiple runs of swabbing and pumping were conducted along each 20 ft section of screen.

   b. A total of 25 gallons of water was removed during bailing. The water produced during bailing was too dirty to measure field parameters.

4. Following surging and swabbing the well screen, overpumping of the screened interval was conducted at different depth intervals along the well screen.

   - The pump intake was set to 20 ft below water level, and 445 gallons were pumped.
   - The pump intake was raised to 10 ft below water level, and 960 gallons were pumped.
   - The pump intake was lowered back to 20 ft below water level, and 500 gallons were pumped.
   - The pump intake was lowered to 40 ft below water level, and 975 gallons were pumped.
   - The pump intake was lowered so that it sat at the bottom of the well screen, and the well was pumped until field parameters stabilized. 2,285 gallons were pumped with the pump intake at this level.

   c. During overpumping, the following field parameters were measured periodically on the generated well development water: turbidity, dissolved oxygen, temperature, pH, specific conductivity, alkalinity, and oxidation-reduction potential (ORP). Field parameters were measured at least once every 15 minutes during pumping.

   d. During overpumping, a pressure transducer was used to measure drawdown. Analysis of the drawdown observed during overpumping indicates that there will be an observable drawdown in the nearest observation well after 7 days of pumping at 150 gpm during the constant rate aquifer test. The transducer raw data and analysis are provided in Appendix B. In light of this analysis, it is not necessary to change the planned pumping rates for the step-drawdown test.

   e. Well development was completed when the well volume plus the volume of water added during drilling had been removed, turbidity was below 10 NTU, and the remaining field parameters, with the exception of ORP, stabilized to within 10% for three consecutive readings. The ORP did not stabilize in the measurements during pumping. It has been observed during quarterly groundwater sampling that the ORP probe on the In-Situ Troll 9500 multi-parameter meter, which was used to collect readings during well development, is not sensitive enough to stabilize to within 10%, especially at low dissolved oxygen levels.

5. After overpumping, the total depth of the well was re-measured, and bailing was conducted to remove any sediment that may have accumulated during overpumping. The contractor was confident that the bailer hit hard bottom, and very little sediment was brought up in the bailer. This indicates that there was no appreciable sediment accumulation in the well.

6. One day after the completion of well development, a groundwater sample was collected from the well and analyzed for EDB, VOCs, SVOCs, TPH, metals, and general chemistry, as outlined in Section 3.1.1.2 of the NMED-accepted Quality Assurance Project Plan (August 2011). The analytical results from the samples collected are shown in Appendix C. This data will be used to verify carbon

loading during future aquifer testing activities and determine if changes to the design of the treatment system are necessary.

7. The final disposition of the water pumped during the well development will be determined by the analytical data results. If the water results are below hazardous standards a Notice of Intent (NOI) to discharge wastewater will be submitted to NMED. After approval of the NOI, the wastewater will be discharged on site. If the water results are hazardous our subcontractor will manage offsite disposal of the wastewater.

References

NMED. 2010. *Hazardous Waste Treatment Facility Operating Permit, EPA ID No. NM9570024423*, New Mexico Environment Department Hazardous Waste Bureau, Santa Fe, New Mexico, July.

USACE. 2013. *Groundwater Extraction Well KAFB-106157 Well Development Work Plan, Bulk Fuels Facility Spill, Solid Waste Management Units SS-106 and SS-111*, Prepared by Shaw Environmental & Infrastructure, Inc. for the USACE Albuquerque District under USACE Contract No. W912DY-10-D-0014, Delivery Order 0002. September.

Please contact Mr. L. Wayne Bitner at 505.853.3484 or at ludie.bitner@kirtland.af.mil or Mr. Scott Clark at 505.846.9017 or at scott.clark@kirtland.af.mil if you have any questions.

Sincerely

TOM D. MILLER, Colonel USAF
Commander

cc:
NMED-EHD (Blaine) w/o attch
NMED-HWB (Cobrain, Moats, McDonald, Brandwein) w/attch
NMED-GWQB (J. Schoeppner) w/attch
NMED-PSTB (Reuter) w/attch
NMED-OGC (deSaillan) w/o attch
EPA Region 6 (King) w/o attch
AFCEE/CMSE (Oyelowo) w/o attch
Public Info Repository (Central New Mexico) w/attch
Administrative Record/Information Repository (AR/IR) w/attch
File, w/attch

FIGURES

Figure 2-1. Drawdown over Time in the Pumping Well

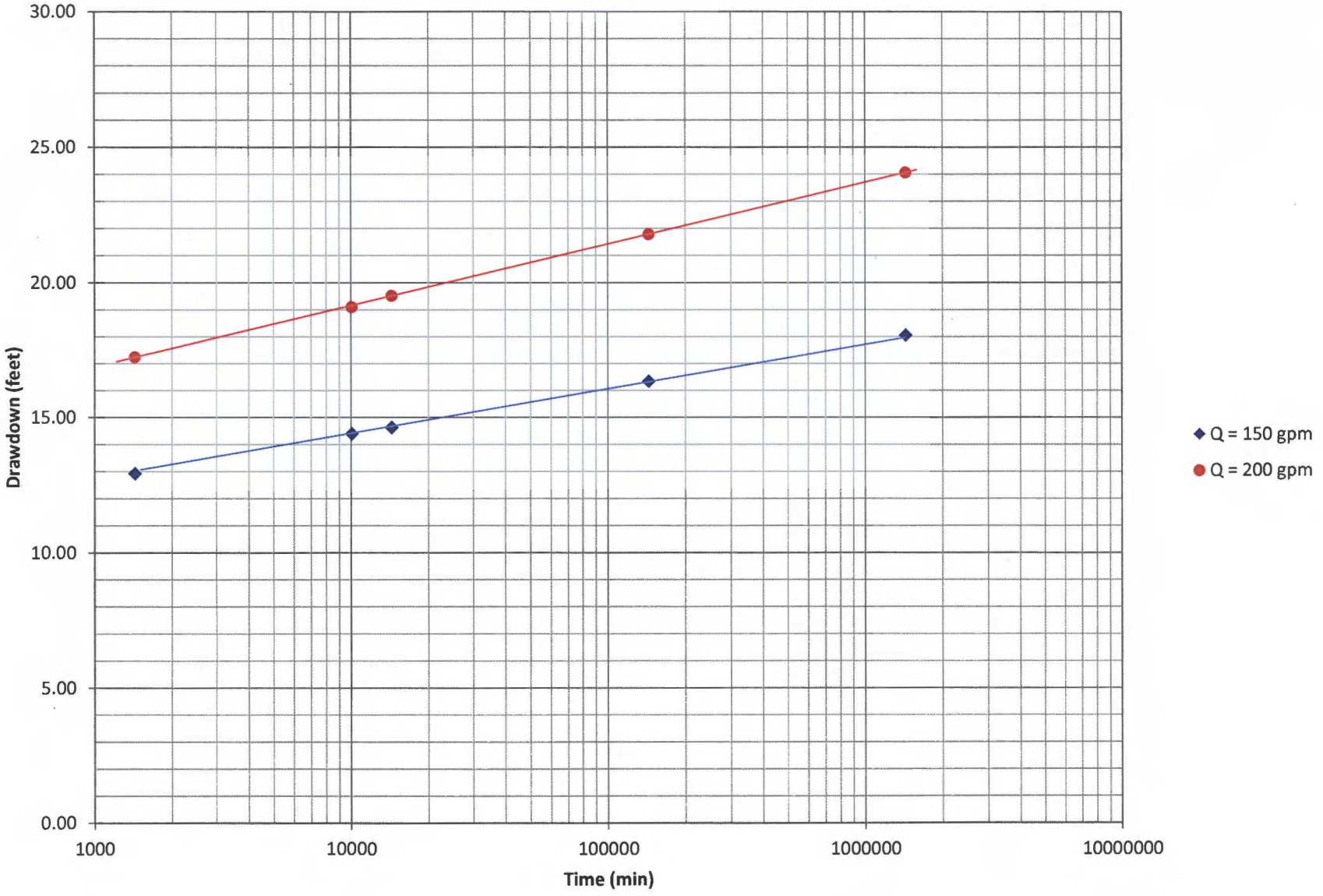
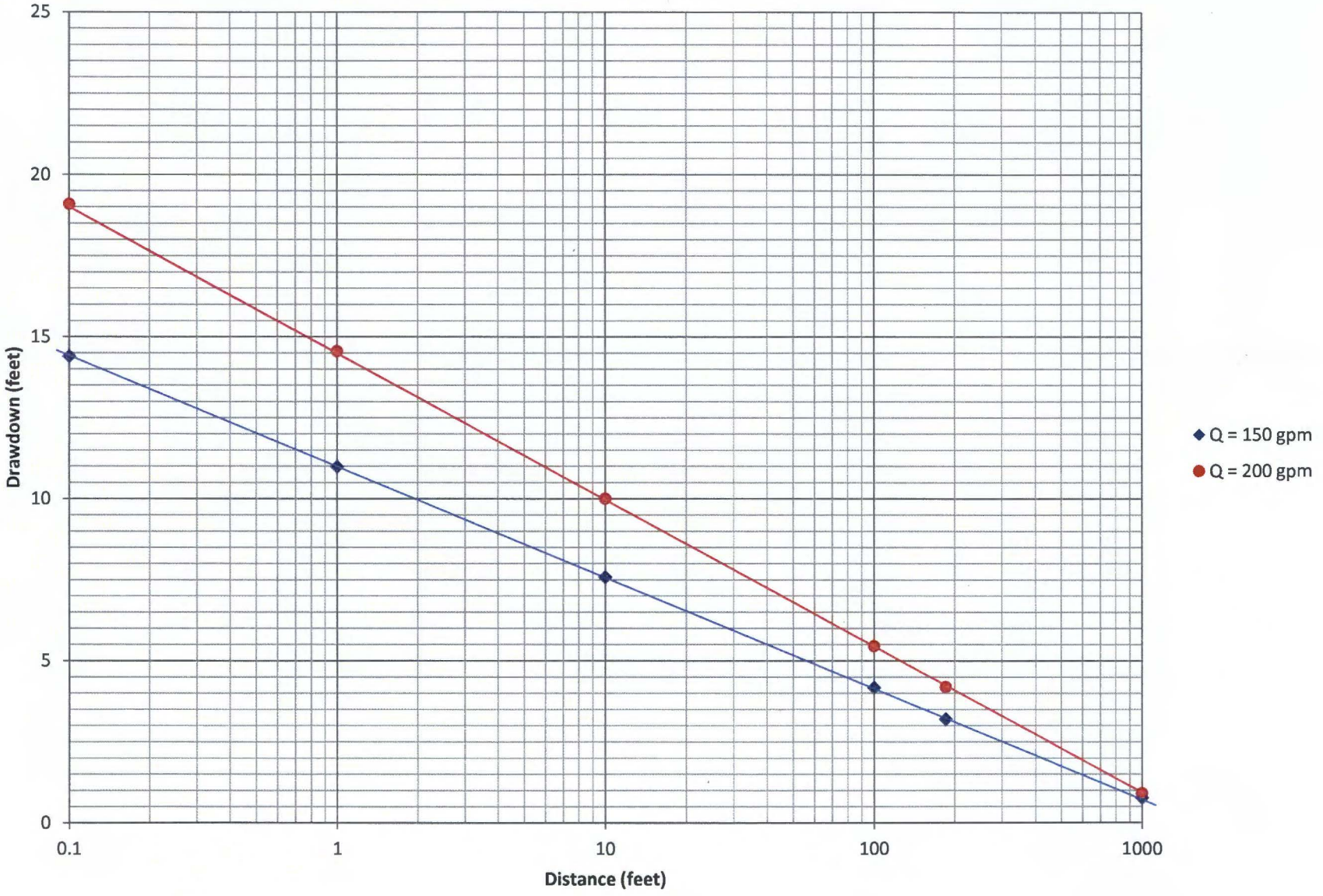


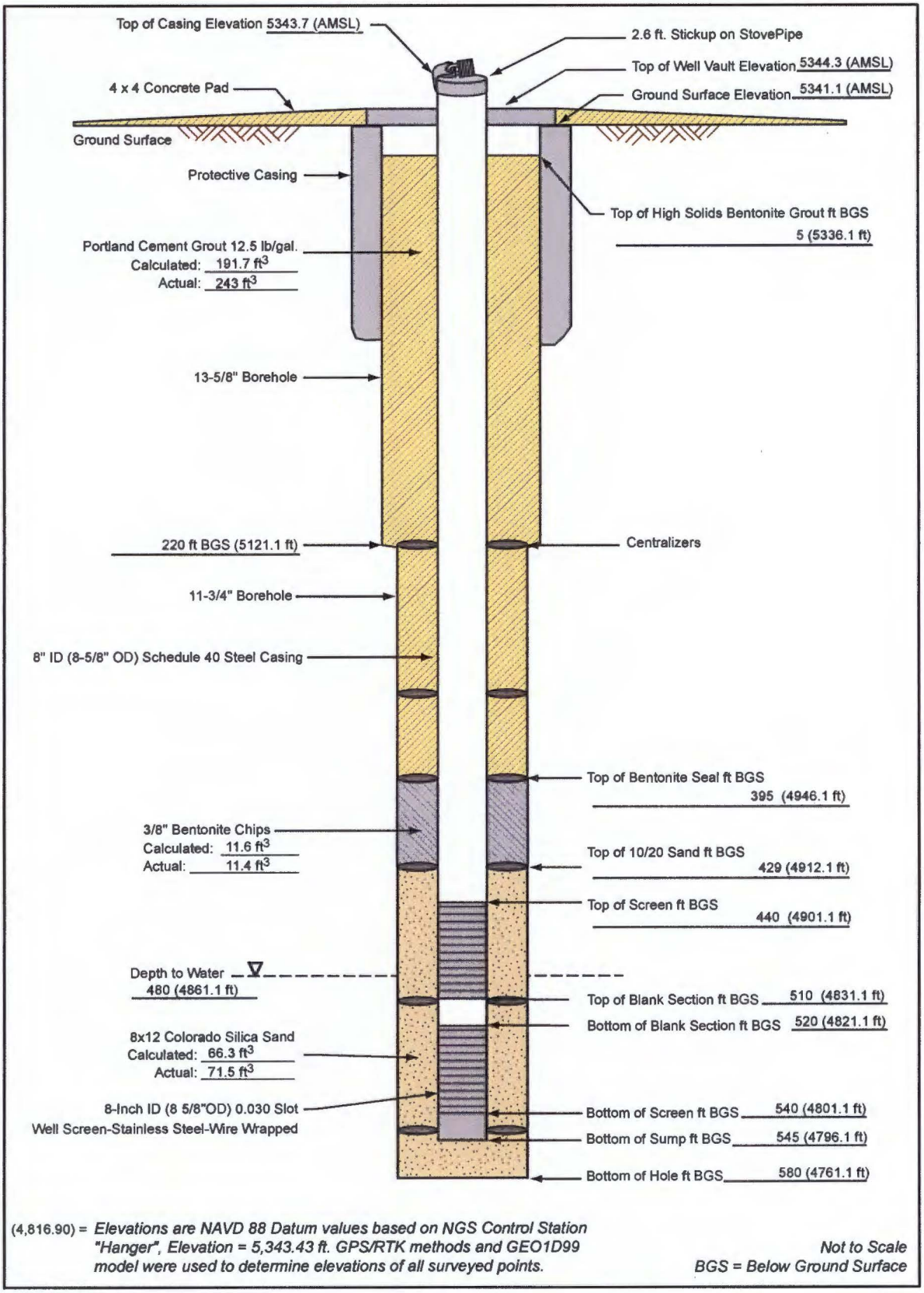
Figure 2-2. Drawdown over Distance from the Pumping Well



APPENDIX A

LNAPL Extraction Well 106157

Installation Start Date/Time: 12/10/11 @ 0800
Installation End Date/Time: 12/16/11 @ 0900



(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

140705.DA010010_A2

Shaw Environmental, Inc.

Well Development Record

Project Name: KAFB BFF

Location: New VA Lot

Well/Piez. No.: KAFB-106157

Personnel: V. Bracht

Date Installed: 12/16/11

Date: 9/27/13

Csg. Diameter (I.D.): 8"

Samplers: N/A

Total Depth (ft. BGL): 545 (546 ft below TOC)

Method of Development:

X Surging | X Bailing | X Pumping

X Original Development | ☐Redevelopment | ☐Other

Development Date: 9/27/13

Depth to Water Before Developing Well (ft. BGL): 485.34 ft below TOC

Vol. (V) Purge Factor Volume to Purge

Height of Water Column: feet = gal. * 1 =

V=(B * r_c^2 * L_c * 7.48)+(B * (r_w^2 - r_c^2) * L_s * $Ø_s$ * 7.48)+(H_2O added during drilling/installation) = 1313 gallons

Depth Purging From (ft): Variable

Time Purging Begins: 1015, 9/27

Weather: 9/27: Cloudy and Cool; 9/28-9/29: Sunny and Warm

Screened Interval (ft BGL): 480 - 540

Equipment Nos.: pH Meter: In-Situ 50499

EC Meter: In-Situ 50499

Turbidity Meter: LVE 003050

Equipment Decontaminated Prior to Development: Y X N

Describe: Steam Cleaned

Collected Sample of Water Added to Well: Y N X

Describe: N/A

Comment:

Date	Time	Water Level (ft. Below TOC)	Volume Removed (gal.)	Temp.°C	pH	Conductivity (ms/cm)	Turbidity (N.T.U.)	DO (mg/L)	Alkalinity (mg/L as CaCO3)	ORP (mV)	Comments
9/27/2013	1015	485.34	0	--	--	--	--	--	--	--	Begin Bailing.
9/27/2013	1040	--	3	--	--	--	--	--	--	--	Begin Swabbing and Surging[a].
9/27/2013	1245	--	3	--	--	--	--	--	--	--	Finish Swabbing.
9/27/2013	1300	--	25	--	--	--	--	--	--	--	Bailed. Too dirty for readings.
9/27/2013	1559	485.91	25	--	--	--	--	--	--	--	Begin Pumping 506 ft to intake.
9/27/2013	1611	487.12	355	NR	6.99	610.1	>1000	3.86	NR[b]	104	Water is Brown.
9/27/2013	1615	487.16	420	Unable to receive updated readings[b]							Water is Brown.
9/27/2013	1618	487.18	470	Unable to receive updated readings[b]							Water is Brown. End of Day.
9/28/2013	0824	483.05	470	Unable to receive updated readings[b]							Resume Pumping @ 27 GPM. Pump raised to 10 ft below water.
9/28/2013	0830	484.86	635	18.74	7.21	595.7	35.3	0.66	NR	106	

Notes:
* Water Levels - Reported to the nearest 0.01 foot
* pH - Reading rounded to 0.1 pH units
* Water temperature - Reported to nearest 0.1C
* Turbidity report in NTV nearest whole #
[a] Performed multiple runs of swabbing and surging over each 20 ft length of screen.
[b] Water is too dirty to receive readings.
DO = Dissolved Oxygen
GPM = Gallons Per Minute
KAFB = Kirtland Air Force Base
NR = Not Recorded
ORP = Oxidation-Reduction Potential

Where:
B=3.14
$Ø_s$= porosity of the sand pack
r_c= radius of the well casing and screen in feet
L_c= length of water column inside the casing and screen in feet
r_w= radius of the well bore in feet
L_s= length of saturated portion of the sand pack in feet
7.48 gallons/cubic foot= conversion from cubic feet to gallons

Shaw Shaw Environmental, Inc.

Well Development Record

Project: KAFB BFF

Well No: KAFB-106157

Project Number: 140705

Geologist: V. Bracht

Date: 9/27/13

Checked By:

Time Start: 1015, 9/27/13

Time Finish: 0901, 9/29/13

Field Chemistry (cont'd)

Date	Time	Water Level (ft. Below TOC)	Volume Removed (gal.)	Temp.°C	pH	Conductivity (ms/cm)	Turbidity (N.T.U.)	DO (mg/L)	Alkalinity (mg/L as CaCO3)	ORP (mV)	Comments
9/28/2013	0835	484.91	785	18.92	7.28	592.3	NR	0.28	176	101	
9/28/2013	0840	483.79	900	19.05	7.32	587.7	17.8	0.22	160	61	
9/28/2013	0842	483.24	940	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	0922	484.87	940	NR	NR	NR	NR	NR	NR	NR	Resume Pumping.
9/28/2013	0925	484.94	1105	18.26	7.36	591.4	14.1	0.27	180	98	
9/28/2013	0930	485.01	1220	19.20	7.38	583.4	10.3	0.24	168	102	
9/28/2013	0935	485.04	1350	19.27	7.38	581.1	8.90	0.25	172	103	
9/28/2013	0938	483.29	1430	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	1023	484.75	1430	NR	NR	NR	NR	NR	NR	NR	Resume Pumping. Pump lowered to 20 ft below water.
9/28/2013	1030	484.94	1585	16.67	7.39	582.3	18.0	0.34	184	151	
9/28/2013	1035	484.99	1745	19.26	7.39	584.3	9.50	0.31	180	129	
9/28/2013	1040	483.62	1870	19.50	7.40	582.1	5.06	0.35	172	124	
9/28/2013	1042	483.26	1930	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	1149	484.69	1930	NR	NR	NR	NR	NR	NR	NR	Resume Pumping. Pump lowered to 40 ft below water.
9/28/2013	1155	484.86	2095	20.01	7.41	553.9	18.0	0.64	152	110	

Was well sampled after development? YES NO X

Sample Method: N/A

Sample Name: N/A

Analyses: N/A

Shaw Shaw Environmental, Inc.

Well Development Record

Project: KAFB BFF

Well No: KAFB-106157

Project Number: 140705

Geologist: V. Bracht

Date: 9/27/13

Checked By:

Time Start: 1015, 9/27/13

Time Finish: 0901, 9/29/13

Field Chemistry (cont'd)

Date	Time	Water Level (ft. Below TOC)	Volume Removed (gal.)	Temp.°C	pH	Conductivity (ms/cm)	Turbidity (N.T.U.)	DO (mg/L)	Alkalinity (mg/L as CaCO3)	ORP (mV)	Comments
9/28/2013	1200	484.91	2220	20.00	7.42	582.9	8.03	0.65	168	82	
9/28/2013	1205	484.94	2345	20.01	7.41	584.6	5.66	0.61	178	72	
9/28/2013	1208	483.23	2420	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	1246	484.73	2420	NR	NR	NR	NR	NR	NR	NR	Resume Pumping.
9/28/2013	1250	484.87	2525	19.86	7.41	580.0	8.60	0.58	180	97	
9/28/2013	1255	484.95	2655	NR	7.41	585.7	3.19	0.52	172	63	
9/28/2013	1300	484.98	2785	19.83	7.42	583.0	3.06	0.51	176	35	
9/28/2013	1305	483.21	2905	19.82	7.40	582.7	1.82	0.54	180	71	Stop Pumping.
9/28/2013	1349	484.60	2905	NR	NR	NR	NR	NR	NR	NR	Resume Pumping. Pump lowered an additional 10 ft.
9/28/2013	1355	484.76	3055	19.87	7.42	568.4	198.0	0.36	164	38	
9/28/2013	1400	484.82	3190	19.82	7.45	580.1	50.3	0.46	184	28	
9/28/2013	1405	484.85	3305	19.81	7.42	581.6	17.1	0.50	174	29	
9/28/2013	1409	483.16	3400	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	1449	484.65	3400	NR	NR	NR	NR	NR	NR	NR	Resume Pumping.
9/28/2013	1455	484.81	3575	19.90	7.43	580.0	5.46	0.57	176	81	

Was well sampled after development? YES NO X

Sample Method: N/A

Sample Name: N/A

Analyses: N/A

Shaw Shaw Environmental, Inc.

Well Development Record

Project: KAFB BFF

Well No: KAFB-106157

Project Number: 140705

Geologist: V. Bracht

Date: 9/27/13

Checked By:

Time Start: 1015, 9/27/13

Time Finish: 0901, 9/29/13

Field Chemistry (cont'd)

Date	Time	Water Level (ft. Below TOC)	Volume Removed (gal.)	Temp.°C	pH	Conductivity (ms/cm)	Turbidity (N.T.U.)	DO (mg/L)	Alkalinity (mg/L as CaCO3)	ORP (mV)	Comments
9/28/2013	1500	484.86	3710	19.80	7.43	582.9	7.08	0.57	184	93	
9/28/2013	1505	484.89	3820	19.83	7.43	581.5	3.15	0.56	192	77	
9/28/2013	1508	483.19	3900	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/28/2013	1604	484.57	3900	NR	NR	NR	NR	NR	NR	NR	Resume Pumping.
9/28/2013	1610	484.73	4066	20.04	7.44	577.8	393.0	0.63	172	8	
9/28/2013	1615	484.77	4214	19.81	7.45	582.1	80.4	0.76	180	-2	
9/28/2013	1620	484.80	4342	19.82	7.44	581.5	41.0	0.73	172	-15	
9/28/2013	1623	483.15	4395	NR	NR	NR	NR	NR	NR	NR	Stop Pumping.
9/29/2013	0800	484.71	4395	NR	NR	NR	NR	NR	NR	NR	Resume Pumping.
9/29/2013	0809	484.69	4640	19.33	7.18	597.5	4.17	0.46	178	183	
9/29/2013	0813	484.73	4725	19.11	7.39	600.8	2.79	0.53	184	89	
9/29/2013	0816	483.67	4805	18.88	7.42	599.0	2.84	0.60	184	65	
9/29/2013	0818	483.17	4850	18.49	7.44	596.7	2.52	0.61	176	62	Stop Pumping.
9/29/2013	0847	484.23	4865	18.39	7.40	595.0	4.66	1.11	172	82	Resume Pumping.
9/29/2013	0849	484.56	4930	19.11	7.46	585.5	3.21	0.70	180	58	
9/29/2013	0852	484.69	5000	19.54	7.44	588.9	3.66	0.74	172	49	
9/29/2013	0855	484.74	5065	19.55	7.44	593.1	2.46	0.76	184	25	Parameters have stabilized.
9/29/2013	0901	483.42	5190	NR	NR	NR	NR	NR	NR	NR	Stop Pump. Purge is Complete.

Was well sampled after development? YES NO X

Sample Method: N/A

Sample Name: N/A

Analyses: N/A

APPENDIX B

1. INTRODUCTION

During well development, a transducer was placed in KAFB-106157 to record drawdown during overpumping. A discharge rate of 27 gallons per minute (gpm) was measured during periods where the pump was on. The pump ran for approximately 15 minutes at a time. This was the amount of time it took to fill the temporary storage tank at the well site. When the tank was full, the pump would be shut off and the discharged water would be transported to designated holding tanks at the Kirtland AFB Bulk Fuels Facility (BFF). Each time the pump was restarted, a new log was started on the transducer to record logarithmically with a maximum interval of 1 minute. The raw data is provided in Attachment 1.

The data was analyzed in AQTESOLV to determine an initial approximate transmissivity for the aquifer. The Dougherty-Babu (1984) solution for a pumping test in a confined aquifer was used. This solution method allows for either a fully or partially penetrating well, and allows for wellbore storage and wellbore skin. The following input parameters were used:

- Aquifer thickness: 100 feet (ft)
- Anisotropy Ratio: 1
- Screen length: 57 ft
- Casing radius: 0.33 ft
- Well radius: 0.49 ft

Attachment 2 shows the analysis curve with the best fit to the observed data. Transmissivity was estimated to be 3100 ft^2 per day (ft^2/day), and storativity was estimated to be 0.03 (dimensionless).

This data was used as an initial estimate of whether the planned pumping rates would result in an observable drawdown at the nearest observation well which is located 185 ft away. The method used to make this estimate is presented in the following sections.

2. ANALYSIS AND RESULTS

2.1 Specific Capacity

The following equation was used to relate transmissivity to the specific capacity of the well:

$$T = \frac{Q}{s} * 2000$$

Where:

Q is the pumping rate (gpm)

T is the transmissivity (gallons/day[gpd]/ft)

s is the drawdown (ft) after one day of pumping

$\frac{Q}{s}$ is the specific capacity (gpm/ft)

Using the estimated transmissivity of 3100 ft^2/day (23,186 gpd/ft, using the conversion factor that 1 gpd/ft = 0.1337 ft^2/day) the three planned pumping rates for the step-drawdown test of 50, 100, and 150 gpm, and a theoretical additional pumping rate of 200 gpm, the drawdown after one day of pumping was calculated, and is presented in the following table:

Q (gpm)	T (ft^2/day)	T (gallons/day/ft)	s (ft)
50	3100	23,186	4.31
100	3100	23,186	8.62
150	3100	23,186	12.93
200	3100	23,186	17.24

The drawdown after one day of pumping calculated above is used on Figures 2-1 and 2-2 for the initial plots of drawdown.

2.2 Drawdown per log cycle of time

The Cooper-Jacob straight line time-drawdown equation was used to estimate drawdown in the pumping well over each log-cycle of time for several pumping rates:

$$T = \frac{2.3Q}{4\pi\Delta(h_0 - h)_t}$$

Where:

T is transmissivity (ft^2/day)

Q is the pumping rate (ft^3/day)

$\Delta(h_0 - h)_t$ is drawdown per log cycle of time (ft)

Using the estimated transmissivity of 3100 ft^2/day, the three planned pumping rates for the step-drawdown test of 50, 100, and 150 gpm, and a theoretical additional pumping rate of 200 gpm, estimates of the drawdown over each log-cycle of time were made. The following table shows the results of this analysis:

Q (gpm)	Q (ft^3/day)	T (ft^2/day)	$\Delta(h_0-h)_t$ (ft)
50	9,626	3100	0.57
100	19,251	3100	1.14
150	28,877	3100	1.70
200	38,503	3100	2.27

The drawdown after one day of pumping at 150 and 200 gpm, along with the drawdown in the pumping well per log-cycle of time for the same flow rates were used to estimate a time-drawdown curve for the pumping well (Figure 2-1).

This curve was used to estimate the drawdown in the pumping well after 7 days of pumping at a given flow rate. The drawdown at the pumping well after pumping for 7 days at 150 gpm was determined to be

approximately 14.4 ft, while the drawdown at the pumping well after pumping for 7 days at 200 gpm was determined to be approximately 19.1 ft.

2.3 Drawdown per log cycle of distance

The Cooper-Jacob straight line distance-drawdown equation was used to estimate the drawdown over each log-cycle of distance for several pumping rates:

$$T = \frac{2.3Q}{2\pi\Delta(h_0 - h)_d}$$

Where:

T is transmissivity (ft^2/day)

Q is the pumping rate (ft^3/day)

$\Delta(h_0 - h)_d$ is drawdown per log cycle of distance (ft)

Using the estimated transmissivity of 3100 ft^2/day, the three planned pumping rates for the step-drawdown test of 50, 100, and 150 gpm, and a theoretical additional pumping rate of 200 gpm, estimates of the drawdown over each log-cycle of distance were made. The following table shows the results of this analysis:

Q (gpm)	Q (ft^3/day)	T (ft^2/day)	$\Delta(h_0-h)_d$ (ft)
50	9,626	3100	1.14
100	19,251	3100	2.27
150	28,877	3100	3.41
200	38,503	3100	4.55

Using the drawdown calculated at the pumping well after 7 days for each pumping rate, and the data presented above, a distance-drawdown curve was estimated (Figure 2-2). The assumption was made that the drawdown at a distance of 0.1 ft from the pumping well was the same as the drawdown in the pumping well.

This curve was used to estimate the drawdown at the nearest observation well, which is 185 ft away, after 7 days of pumping. With a pumping rate of 150 gpm, the drawdown 185 ft away after 7 days of pumping was estimated to be 3.2 ft. With a pumping rate of 200 gpm, the drawdown 185 ft away after 7 days of pumping was estimated to be 4.2 ft. If the transmissivity of the aquifer is 3100 ft^2/day, then there should be observable drawdown in the nearest pumping well after 7 days of pumping at 150 gpm.

ATTACHMENT 1

Report Date:	10/2/2013 14:12
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-development 2013-09-28 08.22.22.wsl
Create Date	9/28/2013 8:22

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	0		
Used Battery	0		

Log Configuration

Log Name	106157-development
Created By	0
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/27/2013 4:02:30 PM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 02 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mo	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	12.6109 (ft)
Head Pressure:	5.4617 (PSI)
Temperature:	19.458 (C)

Log Notes:

Date and Time	Note
9/27/2013 16:02	Used Battery: 0% Used Memory: 1% User Name: 0
9/27/2013 16:03	Manual Start Command
9/27/2013 16:06	Log Download - Used Battery: 0% Used Memory: 1% User Name: 0
9/28/2013 8:19	Log Download - Used Battery: 0% Used Memory: 1% User Name: Unknown

Log Data:

Record Count	597	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 16:03	0	5.652	19.374	13.051
9/27/2013 16:03	0.251	5.635	19.39	13.01
9/27/2013 16:03	0.501	5.619	19.405	12.974
9/27/2013 16:03	0.751	5.604	19.414	12.938
9/27/2013 16:03	1.001	5.587	19.421	12.899
9/27/2013 16:03	1.251	5.566	19.425	12.852
9/27/2013 16:03	1.501	5.56	19.437	12.837
9/27/2013 16:03	1.751	5.54	19.441	12.792
9/27/2013 16:03	2.001	5.528	19.441	12.764
9/27/2013 16:03	2.251	5.516	19.445	12.736
9/27/2013 16:03	2.501	5.501	19.444	12.702
9/27/2013 16:03	2.751	5.49	19.446	12.675
9/27/2013 16:03	3.001	5.481	19.449	12.656
9/27/2013 16:03	3.251	5.467	19.453	12.623
9/27/2013 16:03	3.501	5.457	19.453	12.601
9/27/2013 16:03	3.751	5.448	19.455	12.578
9/27/2013 16:03	4.001	5.436	19.457	12.553
9/27/2013 16:03	4.251	5.426	19.457	12.529
9/27/2013 16:03	4.501	5.416	19.457	12.506
9/27/2013 16:03	4.751	5.411	19.46	12.494
9/27/2013 16:03	5.001	5.4	19.461	12.469
9/27/2013 16:03	5.251	5.392	19.459	12.45
9/27/2013 16:03	5.501	5.385	19.461	12.433
9/27/2013 16:03	5.751	5.376	19.463	12.413
9/27/2013 16:03	6.001	5.366	19.464	12.391
9/27/2013 16:03	6.361	5.356	19.45	12.366
9/27/2013 16:03	6.721	5.344	19.45	12.339
9/27/2013 16:03	7.141	5.331	19.443	12.31
9/27/2013 16:03	7.561	5.322	19.441	12.288
9/27/2013 16:03	7.981	5.312	19.439	12.266
9/27/2013 16:03	8.461	5.3	19.437	12.237
9/27/2013 16:03	9.001	5.285	19.431	12.202
9/27/2013 16:03	9.481	5.275	19.431	12.181
9/27/2013 16:03	10.081	5.261	19.427	12.147
9/27/2013 16:03	10.681	5.253	19.424	12.13
9/27/2013 16:03	11.281	5.236	19.424	12.089
9/27/2013 16:03	11.941	5.222	19.421	12.058
9/27/2013 16:03	12.661	5.209	19.419	12.028
9/27/2013 16:03	13.441	5.196	19.415	11.997
9/27/2013 16:03	14.221	5.185	19.415	11.972
9/27/2013 16:03	15.061	5.174	19.412	11.947
9/27/2013 16:03	15.961	5.161	19.414	11.917
9/27/2013 16:03	16.921	5.149	19.413	11.888
9/27/2013 16:03	17.881	5.136	19.41	11.858
9/27/2013 16:03	18.961	5.125	19.41	11.833
9/27/2013 16:03	20.101	5.117	19.41	11.815
9/27/2013 16:03	21.301	5.104	19.406	11.785
9/27/2013 16:03	22.561	5.092	19.404	11.758
9/27/2013 16:03	23.881	5.083	19.406	11.735
9/27/2013 16:03	25.321	5.074	19.405	11.716
9/27/2013 16:03	26.821	5.066	19.404	11.698
9/27/2013 16:03	28.381	5.056	19.403	11.674
9/27/2013 16:03	30.061	5.051	19.4	11.663
9/27/2013 16:03	31.861	5.041	19.4	11.64
9/27/2013 16:03	33.721	5.037	19.398	11.629
9/27/2013 16:03	35.761	5.032	19.408	11.618
9/27/2013 16:03	37.861	5.029	19.408	11.613
9/27/2013 16:03	40.081	5.025	19.408	11.603
9/27/2013 16:03	42.481	5.026	19.409	11.605
9/27/2013 16:03	45.1	5.024	19.424	11.601
9/27/2013 16:03	47.641	5.026	19.413	11.604
9/27/2013 16:04	50.461	5.029	19.407	11.613
9/27/2013 16:04	53.461	5.031	19.417	11.617
9/27/2013 16:04	57.111	5.037	19.43	11.629
9/27/2013 16:04	60.001	5.043	19.413	11.645
9/27/2013 16:04	63.601	5.049	19.418	11.658
9/27/2013 16:04	67.2	5.059	19.431	11.682

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 16:04	71.401	5.07	19.421	11.706
9/27/2013 16:04	75.601	5.083	19.42	11.736
9/27/2013 16:04	79.801	5.092	19.419	11.758
9/27/2013 16:04	84.601	5.11	19.416	11.799
9/27/2013 16:04	90.001	5.125	19.42	11.833
9/27/2013 16:04	95.155	5.135	19.439	11.858
9/27/2013 16:04	101.158	5.142	19.439	11.873
9/27/2013 16:04	107.161	5.145	19.44	11.88
9/27/2013 16:05	113.192	5.146	19.44	11.883
9/27/2013 16:05	119.4	5.145	19.436	11.879
9/27/2013 16:05	126.601	5.162	19.425	11.919
9/27/2013 16:05	134.4	5.161	19.427	11.917
9/27/2013 16:05	142.2	5.163	19.427	11.92
9/27/2013 16:05	150.601	5.16	19.428	11.914
9/27/2013 16:05	159.601	5.162	19.436	11.92
9/27/2013 16:06	169.435	5.159	19.444	11.912
9/27/2013 16:06	178.801	5.159	19.428	11.912
9/27/2013 16:06	189.6	5.157	19.439	11.907
9/27/2013 16:06	201.508	5.157	19.444	11.908
9/27/2013 16:06	213.001	5.153	19.417	11.898
9/27/2013 16:06	225.601	5.153	19.409	11.898
9/27/2013 16:07	238.801	5.148	19.406	11.887
9/27/2013 16:07	253.201	5.148	19.399	11.886
9/27/2013 16:07	268.2	5.147	19.397	11.884
9/27/2013 16:07	283.8	5.142	19.396	11.874
9/27/2013 16:08	300.601	5.141	19.388	11.871
9/27/2013 16:08	318.6	5.138	19.389	11.864
9/27/2013 16:08	337.201	5.136	19.383	11.86
9/27/2013 16:09	357.6	5.134	19.383	11.854
9/27/2013 16:09	378.601	5.133	19.382	11.852
9/27/2013 16:09	400.801	5.133	19.381	11.853
9/27/2013 16:10	424.801	5.133	19.379	11.852
9/27/2013 16:10	450.265	5.13	19.412	11.846
9/27/2013 16:11	476.401	5.13	19.386	11.845
9/27/2013 16:11	504.601	5.126	19.377	11.835
9/27/2013 16:12	534.601	5.124	19.373	11.832
9/27/2013 16:12	566.401	5.125	19.37	11.833
9/27/2013 16:13	600	5.12	19.367	11.821
9/27/2013 16:13	636	5.116	19.362	11.813
9/27/2013 16:14	672	5.113	19.363	11.806
9/27/2013 16:15	714	5.112	19.362	11.803
9/27/2013 16:15	756	5.11	19.364	11.799
9/27/2013 16:16	798	5.11	19.363	11.798
9/27/2013 16:17	846	5.103	19.358	11.783
9/27/2013 16:18	900	5.1	19.357	11.776
9/27/2013 16:18	948	5.101	19.355	11.778
9/27/2013 16:19	1008	5.101	19.351	11.778
9/27/2013 16:20	1068	5.101	19.35	11.777
9/27/2013 16:21	1128	5.095	19.353	11.765
9/27/2013 16:23	1194	6.254	19.358	14.44
9/27/2013 16:24	1266	6.433	19.375	14.854
9/27/2013 16:25	1344	6.476	19.386	14.952
9/27/2013 16:26	1422	6.493	19.393	14.993
9/27/2013 16:28	1506	6.508	19.403	15.026
9/27/2013 16:29	1596	6.517	19.408	15.047
9/27/2013 16:31	1692	6.521	19.409	15.058
9/27/2013 16:32	1788	6.527	19.409	15.07
9/27/2013 16:34	1896	6.528	19.402	15.073
9/27/2013 16:36	2010	6.529	19.399	15.075
9/27/2013 16:38	2130	6.53	19.394	15.078
9/27/2013 16:40	2250	6.721	19.384	15.52
9/27/2013 16:42	2370	6.723	19.375	15.523
9/27/2013 16:44	2490	6.725	19.368	15.527
9/27/2013 16:46	2610	6.964	19.373	16.08
9/27/2013 16:48	2730	6.967	19.381	16.086
9/27/2013 16:50	2850	6.967	19.394	16.086
9/27/2013 16:52	2970	6.966	19.396	16.084

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 16:54	3090	6.966	19.394	16.085
9/27/2013 16:56	3210	6.97	19.395	16.093
9/27/2013 16:58	3330	6.969	19.404	16.09
9/27/2013 17:00	3450	6.966	19.413	16.085
9/27/2013 17:02	3570	6.968	19.428	16.089
9/27/2013 17:04	3690	6.966	19.428	16.085
9/27/2013 17:06	3810	6.968	19.427	16.088
9/27/2013 17:08	3930	6.969	19.42	16.09
9/27/2013 17:10	4050	6.968	19.417	16.09
9/27/2013 17:12	4170	6.968	19.414	16.09
9/27/2013 17:14	4290	6.968	19.413	16.09
9/27/2013 17:16	4410	6.968	19.421	16.089
9/27/2013 17:18	4530	6.967	19.426	16.087
9/27/2013 17:20	4650	6.968	19.436	16.089
9/27/2013 17:22	4770	6.967	19.425	16.087
9/27/2013 17:24	4890	6.966	19.421	16.084
9/27/2013 17:26	5010	6.967	19.431	16.087
9/27/2013 17:28	5130	6.967	19.442	16.088
9/27/2013 17:30	5250	6.965	19.443	16.082
9/27/2013 17:32	5370	6.967	19.443	16.087
9/27/2013 17:34	5490	6.965	19.437	16.082
9/27/2013 17:36	5610	6.968	19.434	16.088
9/27/2013 17:38	5730	6.966	19.436	16.085
9/27/2013 17:40	5850	6.968	19.428	16.088
9/27/2013 17:42	5970	6.968	19.427	16.088
9/27/2013 17:44	6090	6.967	19.439	16.087
9/27/2013 17:46	6210	6.967	19.442	16.086
9/27/2013 17:48	6330	6.967	19.457	16.086
9/27/2013 17:50	6450	6.966	19.457	16.085
9/27/2013 17:52	6570	6.967	19.454	16.087
9/27/2013 17:54	6690	6.964	19.444	16.079
9/27/2013 17:56	6810	6.964	19.438	16.079
9/27/2013 17:58	6930	6.964	19.436	16.081
9/27/2013 18:00	7050	6.963	19.438	16.078
9/27/2013 18:02	7170	6.966	19.444	16.085
9/27/2013 18:04	7290	6.964	19.452	16.08
9/27/2013 18:06	7410	6.963	19.452	16.078
9/27/2013 18:08	7530	6.963	19.446	16.078
9/27/2013 18:10	7650	6.964	19.442	16.079
9/27/2013 18:12	7770	6.962	19.436	16.075
9/27/2013 18:14	7890	6.965	19.433	16.083
9/27/2013 18:16	8010	6.964	19.429	16.079
9/27/2013 18:18	8130	6.965	19.424	16.083
9/27/2013 18:20	8250	6.964	19.431	16.08
9/27/2013 18:22	8370	6.964	19.426	16.079
9/27/2013 18:24	8490	6.964	19.427	16.079
9/27/2013 18:26	8610	6.964	19.426	16.079
9/27/2013 18:28	8730	6.964	19.423	16.079
9/27/2013 18:30	8850	6.964	19.421	16.08
9/27/2013 18:32	8970	6.965	19.42	16.083
9/27/2013 18:34	9090	6.964	19.422	16.079
9/27/2013 18:36	9210	6.965	19.427	16.082
9/27/2013 18:38	9330	6.965	19.418	16.081
9/27/2013 18:40	9450	6.965	19.416	16.082
9/27/2013 18:42	9570	6.964	19.419	16.08
9/27/2013 18:44	9690	6.964	19.417	16.08
9/27/2013 18:46	9810	6.966	19.417	16.084
9/27/2013 18:48	9930	6.966	19.42	16.084
9/27/2013 18:50	10050	6.966	19.417	16.083
9/27/2013 18:52	10170	6.967	19.417	16.086
9/27/2013 18:54	10290	6.966	19.417	16.085
9/27/2013 18:56	10410	6.968	19.416	16.089
9/27/2013 18:58	10530	6.966	19.417	16.083
9/27/2013 19:00	10650	6.967	19.417	16.087
9/27/2013 19:02	10770	6.967	19.416	16.087
9/27/2013 19:04	10890	6.965	19.42	16.082
9/27/2013 19:06	11010	6.966	19.414	16.083

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 19:08	11130	6.966	19.413	16.084
9/27/2013 19:10	11250	6.966	19.412	16.084
9/27/2013 19:12	11370	6.965	19.411	16.082
9/27/2013 19:14	11490	6.965	19.404	16.082
9/27/2013 19:16	11610	6.965	19.407	16.081
9/27/2013 19:18	11730	6.964	19.404	16.08
9/27/2013 19:20	11850	6.964	19.408	16.081
9/27/2013 19:22	11970	6.965	19.412	16.083
9/27/2013 19:24	12090	6.965	19.406	16.082
9/27/2013 19:26	12210	6.962	19.403	16.075
9/27/2013 19:28	12330	6.963	19.401	16.078
9/27/2013 19:30	12450	6.963	19.407	16.078
9/27/2013 19:32	12570	6.963	19.407	16.077
9/27/2013 19:34	12690	6.964	19.405	16.079
9/27/2013 19:36	12810	6.965	19.405	16.081
9/27/2013 19:38	12930	6.964	19.407	16.08
9/27/2013 19:40	13050	6.963	19.41	16.077
9/27/2013 19:42	13170	6.964	19.409	16.08
9/27/2013 19:44	13290	6.964	19.404	16.08
9/27/2013 19:46	13410	6.962	19.403	16.076
9/27/2013 19:48	13530	6.961	19.404	16.073
9/27/2013 19:50	13650	6.963	19.406	16.078
9/27/2013 19:52	13770	6.964	19.406	16.079
9/27/2013 19:54	13890	6.961	19.401	16.072
9/27/2013 19:56	14010	6.963	19.4	16.077
9/27/2013 19:58	14130	6.961	19.398	16.074
9/27/2013 20:00	14250	6.962	19.398	16.076
9/27/2013 20:02	14370	6.963	19.399	16.078
9/27/2013 20:04	14490	6.961	19.402	16.074
9/27/2013 20:06	14610	6.963	19.399	16.076
9/27/2013 20:08	14730	6.96	19.396	16.071
9/27/2013 20:10	14850	6.96	19.394	16.071
9/27/2013 20:12	14970	6.961	19.398	16.072
9/27/2013 20:14	15090	6.959	19.399	16.069
9/27/2013 20:16	15210	6.958	19.396	16.066
9/27/2013 20:18	15330	6.958	19.393	16.065
9/27/2013 20:20	15450	6.958	19.392	16.066
9/27/2013 20:22	15570	6.957	19.395	16.063
9/27/2013 20:24	15690	6.957	19.398	16.063
9/27/2013 20:26	15810	6.956	19.395	16.062
9/27/2013 20:28	15930	6.956	19.393	16.061
9/27/2013 20:30	16050	6.956	19.39	16.062
9/27/2013 20:32	16170	6.956	19.391	16.06
9/27/2013 20:34	16290	6.955	19.389	16.06
9/27/2013 20:36	16410	6.956	19.384	16.06
9/27/2013 20:38	16530	6.956	19.388	16.061
9/27/2013 20:40	16650	6.953	19.389	16.054
9/27/2013 20:42	16770	6.954	19.39	16.056
9/27/2013 20:44	16890	6.952	19.391	16.052
9/27/2013 20:46	17010	6.953	19.395	16.054
9/27/2013 20:48	17130	6.953	19.394	16.054
9/27/2013 20:50	17250	6.953	19.393	16.054
9/27/2013 20:52	17370	6.953	19.392	16.054
9/27/2013 20:54	17490	6.952	19.392	16.052
9/27/2013 20:56	17610	6.949	19.389	16.046
9/27/2013 20:58	17730	6.95	19.385	16.047
9/27/2013 21:00	17850	6.951	19.388	16.049
9/27/2013 21:02	17970	6.951	19.384	16.049
9/27/2013 21:04	18090	6.948	19.387	16.042
9/27/2013 21:06	18210	6.948	19.383	16.042
9/27/2013 21:08	18330	6.948	19.384	16.043
9/27/2013 21:10	18450	6.949	19.384	16.045
9/27/2013 21:12	18570	6.949	19.382	16.045
9/27/2013 21:14	18690	6.948	19.379	16.043
9/27/2013 21:16	18810	6.946	19.378	16.039
9/27/2013 21:18	18930	6.948	19.379	16.044
9/27/2013 21:20	19050	6.949	19.382	16.046

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 21:22	19170	6.946	19.382	16.038
9/27/2013 21:24	19290	6.945	19.385	16.036
9/27/2013 21:26	19410	6.948	19.377	16.042
9/27/2013 21:28	19530	6.947	19.377	16.04
9/27/2013 21:30	19650	6.947	19.376	16.041
9/27/2013 21:32	19770	6.946	19.377	16.039
9/27/2013 21:34	19890	6.946	19.377	16.039
9/27/2013 21:36	20010	6.946	19.379	16.038
9/27/2013 21:38	20130	6.944	19.38	16.034
9/27/2013 21:40	20250	6.946	19.379	16.038
9/27/2013 21:42	20370	6.945	19.38	16.037
9/27/2013 21:44	20490	6.947	19.381	16.04
9/27/2013 21:46	20610	6.947	19.379	16.04
9/27/2013 21:48	20730	6.947	19.38	16.039
9/27/2013 21:50	20850	6.947	19.38	16.041
9/27/2013 21:52	20970	6.947	19.377	16.039
9/27/2013 21:54	21090	6.947	19.377	16.04
9/27/2013 21:56	21210	6.946	19.379	16.037
9/27/2013 21:58	21330	6.945	19.377	16.035
9/27/2013 22:00	21450	6.944	19.371	16.033
9/27/2013 22:02	21570	6.946	19.378	16.038
9/27/2013 22:04	21690	6.942	19.377	16.029
9/27/2013 22:06	21810	6.944	19.378	16.033
9/27/2013 22:08	21930	6.943	19.383	16.031
9/27/2013 22:10	22050	6.944	19.383	16.034
9/27/2013 22:12	22170	6.944	19.38	16.033
9/27/2013 22:14	22290	6.944	19.376	16.035
9/27/2013 22:16	22410	6.944	19.373	16.033
9/27/2013 22:18	22530	6.946	19.379	16.037
9/27/2013 22:20	22650	6.943	19.38	16.032
9/27/2013 22:22	22770	6.946	19.38	16.038
9/27/2013 22:24	22890	6.946	19.376	16.038
9/27/2013 22:26	23010	6.942	19.377	16.03
9/27/2013 22:28	23130	6.942	19.379	16.029
9/27/2013 22:30	23250	6.943	19.375	16.032
9/27/2013 22:32	23370	6.942	19.374	16.029
9/27/2013 22:34	23490	6.942	19.371	16.029
9/27/2013 22:36	23610	6.94	19.37	16.025
9/27/2013 22:38	23730	6.94	19.371	16.024
9/27/2013 22:40	23850	6.941	19.369	16.027
9/27/2013 22:42	23970	6.943	19.372	16.031
9/27/2013 22:44	24090	6.941	19.372	16.027
9/27/2013 22:46	24210	6.94	19.373	16.025
9/27/2013 22:48	24330	6.94	19.372	16.024
9/27/2013 22:50	24450	6.94	19.375	16.024
9/27/2013 22:52	24570	6.94	19.369	16.025
9/27/2013 22:54	24690	6.94	19.369	16.025
9/27/2013 22:56	24810	6.94	19.372	16.025
9/27/2013 22:58	24930	6.938	19.371	16.02
9/27/2013 23:00	25050	6.938	19.376	16.02
9/27/2013 23:02	25170	6.938	19.374	16.019
9/27/2013 23:04	25290	6.938	19.371	16.018
9/27/2013 23:06	25410	6.936	19.369	16.016
9/27/2013 23:08	25530	6.937	19.371	16.018
9/27/2013 23:10	25650	6.938	19.369	16.02
9/27/2013 23:12	25770	6.937	19.371	16.018
9/27/2013 23:14	25890	6.937	19.37	16.018
9/27/2013 23:16	26010	6.937	19.363	16.018
9/27/2013 23:18	26130	6.937	19.366	16.018
9/27/2013 23:20	26250	6.935	19.365	16.013
9/27/2013 23:22	26370	6.936	19.364	16.015
9/27/2013 23:24	26490	6.936	19.364	16.015
9/27/2013 23:26	26610	6.935	19.361	16.013
9/27/2013 23:28	26730	6.935	19.364	16.013
9/27/2013 23:30	26850	6.935	19.367	16.014
9/27/2013 23:32	26970	6.934	19.37	16.011
9/27/2013 23:34	27090	6.937	19.368	16.017

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/27/2013 23:36	27210	6.935	19.369	16.013
9/27/2013 23:38	27330	6.936	19.367	16.014
9/27/2013 23:40	27450	6.935	19.364	16.014
9/27/2013 23:42	27570	6.936	19.365	16.015
9/27/2013 23:44	27690	6.935	19.365	16.013
9/27/2013 23:46	27810	6.932	19.367	16.006
9/27/2013 23:48	27930	6.934	19.368	16.009
9/27/2013 23:50	28050	6.933	19.367	16.007
9/27/2013 23:52	28170	6.932	19.365	16.005
9/27/2013 23:54	28290	6.933	19.363	16.008
9/27/2013 23:56	28410	6.933	19.358	16.009
9/27/2013 23:58	28530	6.933	19.363	16.008
9/28/2013 0:00	28650	6.934	19.36	16.009
9/28/2013 0:02	28770	6.933	19.362	16.007
9/28/2013 0:04	28890	6.934	19.366	16.009
9/28/2013 0:06	29010	6.933	19.368	16.008
9/28/2013 0:08	29130	6.933	19.367	16.008
9/28/2013 0:10	29250	6.931	19.367	16.003
9/28/2013 0:12	29370	6.93	19.364	16.002
9/28/2013 0:14	29490	6.93	19.365	16
9/28/2013 0:16	29610	6.93	19.362	16.002
9/28/2013 0:18	29730	6.932	19.36	16.005
9/28/2013 0:20	29850	6.93	19.363	16.002
9/28/2013 0:22	29970	6.93	19.364	16
9/28/2013 0:24	30090	6.931	19.36	16.003
9/28/2013 0:26	30210	6.93	19.365	16.001
9/28/2013 0:28	30330	6.929	19.364	15.999
9/28/2013 0:30	30450	6.93	19.362	16
9/28/2013 0:32	30570	6.93	19.359	16.002
9/28/2013 0:34	30690	6.929	19.357	15.998
9/28/2013 0:36	30810	6.931	19.359	16.003
9/28/2013 0:38	30930	6.93	19.356	16.001
9/28/2013 0:40	31050	6.93	19.362	16.001
9/28/2013 0:42	31170	6.93	19.364	16.002
9/28/2013 0:44	31290	6.927	19.364	15.995
9/28/2013 0:46	31410	6.928	19.362	15.996
9/28/2013 0:48	31530	6.929	19.361	15.999
9/28/2013 0:50	31650	6.927	19.358	15.994
9/28/2013 0:52	31770	6.927	19.36	15.993
9/28/2013 0:54	31890	6.927	19.362	15.994
9/28/2013 0:56	32010	6.928	19.359	15.997
9/28/2013 0:58	32130	6.927	19.361	15.995
9/28/2013 1:00	32250	6.928	19.36	15.997
9/28/2013 1:02	32370	6.928	19.355	15.997
9/28/2013 1:04	32490	6.93	19.356	16
9/28/2013 1:06	32610	6.927	19.355	15.994
9/28/2013 1:08	32730	6.928	19.354	15.997
9/28/2013 1:10	32850	6.925	19.357	15.99
9/28/2013 1:12	32970	6.927	19.354	15.993
9/28/2013 1:14	33090	6.928	19.358	15.996
9/28/2013 1:16	33210	6.927	19.357	15.995
9/28/2013 1:18	33330	6.928	19.356	15.997
9/28/2013 1:20	33450	6.926	19.356	15.992
9/28/2013 1:22	33570	6.926	19.356	15.992
9/28/2013 1:24	33690	6.928	19.353	15.996
9/28/2013 1:26	33810	6.927	19.352	15.995
9/28/2013 1:28	33930	6.926	19.35	15.992
9/28/2013 1:30	34050	6.926	19.356	15.992
9/28/2013 1:32	34170	6.925	19.353	15.99
9/28/2013 1:34	34290	6.926	19.359	15.991
9/28/2013 1:36	34410	6.926	19.358	15.991
9/28/2013 1:38	34530	6.927	19.362	15.994
9/28/2013 1:40	34650	6.927	19.358	15.994
9/28/2013 1:42	34770	6.926	19.359	15.992
9/28/2013 1:44	34890	6.925	19.358	15.991
9/28/2013 1:46	35010	6.925	19.358	15.99
9/28/2013 1:48	35130	6.926	19.353	15.991

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 1:50	35250	6.925	19.353	15.99
9/28/2013 1:52	35370	6.925	19.36	15.989
9/28/2013 1:54	35490	6.924	19.359	15.988
9/28/2013 1:56	35610	6.923	19.357	15.984
9/28/2013 1:58	35730	6.923	19.357	15.985
9/28/2013 2:00	35850	6.922	19.355	15.984
9/28/2013 2:02	35970	6.922	19.355	15.982
9/28/2013 2:04	36090	6.923	19.353	15.986
9/28/2013 2:06	36210	6.922	19.354	15.983
9/28/2013 2:08	36330	6.923	19.353	15.984
9/28/2013 2:10	36450	6.921	19.35	15.981
9/28/2013 2:12	36570	6.921	19.353	15.981
9/28/2013 2:14	36690	6.92	19.351	15.978
9/28/2013 2:16	36810	6.921	19.355	15.98
9/28/2013 2:18	36930	6.921	19.352	15.98
9/28/2013 2:20	37050	6.922	19.355	15.982
9/28/2013 2:22	37170	6.922	19.356	15.983
9/28/2013 2:24	37290	6.921	19.354	15.98
9/28/2013 2:26	37410	6.92	19.357	15.979
9/28/2013 2:28	37530	6.92	19.355	15.978
9/28/2013 2:30	37650	6.921	19.356	15.979
9/28/2013 2:32	37770	6.92	19.353	15.977
9/28/2013 2:34	37890	6.92	19.354	15.978
9/28/2013 2:36	38010	6.92	19.352	15.978
9/28/2013 2:38	38130	6.919	19.349	15.977
9/28/2013 2:40	38250	6.917	19.35	15.972
9/28/2013 2:42	38370	6.921	19.355	15.98
9/28/2013 2:44	38490	6.92	19.358	15.978
9/28/2013 2:46	38610	6.919	19.357	15.975
9/28/2013 2:48	38730	6.92	19.353	15.977
9/28/2013 2:50	38850	6.921	19.351	15.979
9/28/2013 2:52	38970	6.921	19.347	15.979
9/28/2013 2:54	39090	6.921	19.348	15.98
9/28/2013 2:56	39210	6.919	19.347	15.975
9/28/2013 2:58	39330	6.919	19.347	15.976
9/28/2013 3:00	39450	6.92	19.346	15.978
9/28/2013 3:02	39570	6.92	19.347	15.978
9/28/2013 3:04	39690	6.92	19.349	15.978
9/28/2013 3:06	39810	6.92	19.351	15.979
9/28/2013 3:08	39930	6.92	19.354	15.978
9/28/2013 3:10	40050	6.919	19.353	15.977
9/28/2013 3:12	40170	6.921	19.351	15.98
9/28/2013 3:14	40290	6.919	19.349	15.976
9/28/2013 3:16	40410	6.919	19.348	15.976
9/28/2013 3:18	40530	6.92	19.349	15.978
9/28/2013 3:20	40650	6.918	19.35	15.972
9/28/2013 3:22	40770	6.921	19.347	15.981
9/28/2013 3:24	40890	6.92	19.353	15.977
9/28/2013 3:26	41010	6.92	19.351	15.977
9/28/2013 3:28	41130	6.919	19.352	15.976
9/28/2013 3:30	41250	6.918	19.35	15.973
9/28/2013 3:32	41370	6.918	19.349	15.975
9/28/2013 3:34	41490	6.922	19.352	15.982
9/28/2013 3:36	41610	6.921	19.349	15.98
9/28/2013 3:38	41730	6.922	19.349	15.982
9/28/2013 3:40	41850	6.921	19.349	15.981
9/28/2013 3:42	41970	6.921	19.351	15.981
9/28/2013 3:44	42090	6.921	19.348	15.98
9/28/2013 3:46	42210	6.922	19.344	15.982
9/28/2013 3:48	42330	6.92	19.344	15.979
9/28/2013 3:50	42450	6.921	19.343	15.98
9/28/2013 3:52	42570	6.919	19.348	15.977
9/28/2013 3:54	42690	6.919	19.346	15.976
9/28/2013 3:56	42810	6.918	19.348	15.975
9/28/2013 3:58	42930	6.919	19.349	15.976
9/28/2013 4:00	43050	6.921	19.345	15.981
9/28/2013 4:02	43170	6.92	19.342	15.978

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 4:04	43290	6.92	19.344	15.977
9/28/2013 4:06	43410	6.919	19.341	15.976
9/28/2013 4:08	43530	6.921	19.341	15.979
9/28/2013 4:10	43650	6.921	19.34	15.981
9/28/2013 4:12	43770	6.921	19.345	15.981
9/28/2013 4:14	43890	6.918	19.347	15.974
9/28/2013 4:16	44010	6.921	19.348	15.98
9/28/2013 4:18	44130	6.92	19.35	15.978
9/28/2013 4:20	44250	6.92	19.346	15.979
9/28/2013 4:22	44370	6.92	19.344	15.978
9/28/2013 4:24	44490	6.921	19.346	15.981
9/28/2013 4:26	44610	6.92	19.344	15.977
9/28/2013 4:28	44730	6.918	19.346	15.973
9/28/2013 4:30	44850	6.919	19.347	15.975
9/28/2013 4:32	44970	6.919	19.344	15.975
9/28/2013 4:34	45090	6.918	19.346	15.974
9/28/2013 4:36	45210	6.917	19.345	15.972
9/28/2013 4:38	45330	6.918	19.345	15.974
9/28/2013 4:40	45450	6.917	19.346	15.97
9/28/2013 4:42	45570	6.917	19.345	15.972
9/28/2013 4:44	45690	6.917	19.347	15.971
9/28/2013 4:46	45810	6.916	19.349	15.968
9/28/2013 4:48	45930	6.915	19.347	15.966
9/28/2013 4:50	46050	6.913	19.347	15.962
9/28/2013 4:52	46170	6.914	19.343	15.963
9/28/2013 4:54	46290	6.914	19.35	15.965
9/28/2013 4:56	46410	6.914	19.351	15.964
9/28/2013 4:58	46530	6.913	19.35	15.963
9/28/2013 5:00	46650	6.913	19.352	15.963
9/28/2013 5:02	46770	6.914	19.348	15.965
9/28/2013 5:04	46890	6.914	19.346	15.964
9/28/2013 5:06	47010	6.912	19.346	15.96
9/28/2013 5:08	47130	6.913	19.345	15.961
9/28/2013 5:10	47250	6.913	19.346	15.961
9/28/2013 5:12	47370	6.912	19.341	15.959
9/28/2013 5:14	47490	6.911	19.346	15.958
9/28/2013 5:16	47610	6.912	19.345	15.96
9/28/2013 5:18	47730	6.912	19.346	15.96
9/28/2013 5:20	47850	6.911	19.343	15.958
9/28/2013 5:22	47970	6.912	19.34	15.959
9/28/2013 5:24	48090	6.91	19.34	15.956
9/28/2013 5:26	48210	6.91	19.343	15.954
9/28/2013 5:28	48330	6.909	19.34	15.953
9/28/2013 5:30	48450	6.909	19.343	15.953
9/28/2013 5:32	48570	6.909	19.339	15.952
9/28/2013 5:34	48690	6.91	19.34	15.956
9/28/2013 5:36	48810	6.91	19.34	15.956
9/28/2013 5:38	48930	6.907	19.344	15.949
9/28/2013 5:40	49050	6.91	19.346	15.954
9/28/2013 5:42	49170	6.91	19.338	15.956
9/28/2013 5:44	49290	6.91	19.34	15.954
9/28/2013 5:46	49410	6.91	19.338	15.954
9/28/2013 5:48	49530	6.909	19.339	15.953
9/28/2013 5:50	49650	6.908	19.34	15.95
9/28/2013 5:52	49770	6.909	19.341	15.952
9/28/2013 5:54	49890	6.907	19.343	15.948
9/28/2013 5:56	50010	6.908	19.343	15.95
9/28/2013 5:58	50130	6.909	19.342	15.952
9/28/2013 6:00	50250	6.907	19.341	15.949
9/28/2013 6:02	50370	6.908	19.343	15.951
9/28/2013 6:04	50490	6.906	19.341	15.947
9/28/2013 6:06	50610	6.907	19.341	15.947
9/28/2013 6:08	50730	6.906	19.34	15.946
9/28/2013 6:10	50850	6.905	19.343	15.944
9/28/2013 6:12	50970	6.906	19.342	15.946
9/28/2013 6:14	51090	6.905	19.34	15.943
9/28/2013 6:16	51210	6.904	19.339	15.941

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 6:18	51330	6.904	19.342	15.941
9/28/2013 6:20	51450	6.902	19.341	15.937
9/28/2013 6:22	51570	6.903	19.344	15.938
9/28/2013 6:24	51690	6.902	19.34	15.938
9/28/2013 6:26	51810	6.901	19.34	15.935
9/28/2013 6:28	51930	6.903	19.341	15.938
9/28/2013 6:30	52050	6.903	19.341	15.939
9/28/2013 6:32	52170	6.903	19.343	15.938
9/28/2013 6:34	52290	6.901	19.341	15.934
9/28/2013 6:36	52410	6.902	19.344	15.937
9/28/2013 6:38	52530	6.901	19.343	15.935
9/28/2013 6:40	52650	6.9	19.344	15.933
9/28/2013 6:42	52770	6.9	19.343	15.933
9/28/2013 6:44	52890	6.899	19.346	15.93
9/28/2013 6:46	53010	6.9	19.341	15.933
9/28/2013 6:48	53130	6.9	19.343	15.931
9/28/2013 6:50	53250	6.897	19.341	15.926
9/28/2013 6:52	53370	6.898	19.344	15.928
9/28/2013 6:54	53490	6.898	19.343	15.926
9/28/2013 6:56	53610	6.897	19.34	15.926
9/28/2013 6:58	53730	6.897	19.346	15.925
9/28/2013 7:00	53850	6.898	19.344	15.928
9/28/2013 7:02	53970	6.898	19.343	15.927
9/28/2013 7:04	54090	6.896	19.341	15.922
9/28/2013 7:06	54210	6.897	19.339	15.924
9/28/2013 7:08	54330	6.897	19.337	15.925
9/28/2013 7:10	54450	6.895	19.335	15.921
9/28/2013 7:12	54570	6.896	19.339	15.923
9/28/2013 7:14	54690	6.894	19.34	15.918
9/28/2013 7:16	54810	6.893	19.337	15.915
9/28/2013 7:18	54930	6.894	19.334	15.918
9/28/2013 7:20	55050	6.894	19.34	15.917
9/28/2013 7:22	55170	6.893	19.338	15.916
9/28/2013 7:24	55290	6.893	19.338	15.916
9/28/2013 7:26	55410	6.891	19.34	15.911
9/28/2013 7:28	55530	6.89	19.343	15.909
9/28/2013 7:30	55650	6.891	19.34	15.912
9/28/2013 7:32	55770	6.891	19.338	15.912
9/28/2013 7:34	55890	6.892	19.337	15.912
9/28/2013 7:36	56010	6.888	19.336	15.904
9/28/2013 7:38	56130	6.891	19.336	15.91
9/28/2013 7:40	56250	6.89	19.335	15.91
9/28/2013 7:42	56370	6.89	19.332	15.91
9/28/2013 7:44	56490	6.888	19.336	15.905
9/28/2013 7:46	56610	6.889	19.339	15.907
9/28/2013 7:48	56730	0.005	19.16	0.011
9/28/2013 7:50	56850	0.005	18.954	0.011
9/28/2013 7:52	56970	0.003	18.84	0.007
9/28/2013 7:54	57090	0.002	18.766	0.005
9/28/2013 7:56	57210	0.002	18.701	0.004
9/28/2013 7:58	57330	0.005	18.594	0.01
9/28/2013 8:00	57450	0.004	18.562	0.01
9/28/2013 8:02	57570	0.003	18.573	0.006
9/28/2013 8:04	57690	0.002	18.594	0.004
9/28/2013 8:06	57810	0.004	18.602	0.009
9/28/2013 8:08	57930	0.002	18.62	0.005
9/28/2013 8:10	58050	0.002	18.639	0.005
9/28/2013 8:12	58170	0.001	18.68	0.003
9/28/2013 8:14	58290	0.002	18.722	0.005
9/28/2013 8:16	58410	2.046	18.873	4.724
9/28/2013 8:18	58530	2.043	19.124	4.718

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-2 2013-09-28 09.18.33.wsl
Create Date	9/28/2013 9:18

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	1		
Used Battery	0		

Log Configuration

Log Name	106157-2
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 8:23:23 AM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measureme	Depth
Specific Gravit	0.999

Other Log Settings

Depth of Probe:	4.71714 (ft)
Head Pressure:	2.04297 (PSI)
Temperature:	19.2853 (C)

Log Notes:

Date and Time	Note
9/28/2013 8:21	Used Battery: 0% Used Memory: 3% User Name: Unknown
9/28/2013 8:21	Manual Start Command
9/28/2013 8:46	Log Download - Used Battery: 0% Used Memory: 3% User Name: Unknown
9/28/2013 9:15	Log Download - Used Battery: 0% Used Memory: 3% User Name: Unknown

Log Data:

Record Count	151	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 8:21	0	2.049	19.214	4.732
9/28/2013 8:21	0.251	2.048	19.233	4.728
9/28/2013 8:21	0.501	2.053	19.272	4.74
9/28/2013 8:21	0.801	2.049	19.273	4.732
9/28/2013 8:21	1.021	2.048	19.28	4.729
9/28/2013 8:21	1.251	2.048	19.282	4.729
9/28/2013 8:21	1.501	2.048	19.282	4.728
9/28/2013 8:21	1.751	2.048	19.284	4.729
9/28/2013 8:21	2.001	2.048	19.288	4.728
9/28/2013 8:21	2.251	2.048	19.289	4.728
9/28/2013 8:21	2.501	2.048	19.292	4.728
9/28/2013 8:21	2.751	2.047	19.291	4.726
9/28/2013 8:21	3.001	2.047	19.295	4.727
9/28/2013 8:21	3.251	2.047	19.296	4.728
9/28/2013 8:21	3.501	2.046	19.297	4.725
9/28/2013 8:21	3.751	2.047	19.299	4.726
9/28/2013 8:21	4.001	2.047	19.299	4.727
9/28/2013 8:21	4.251	2.047	19.304	4.726
9/28/2013 8:21	4.501	2.048	19.305	4.729
9/28/2013 8:21	4.751	2.047	19.303	4.726
9/28/2013 8:21	5.001	2.048	19.302	4.729
9/28/2013 8:21	5.251	2.047	19.307	4.725
9/28/2013 8:21	5.501	2.047	19.308	4.727
9/28/2013 8:21	5.751	2.047	19.306	4.726
9/28/2013 8:21	6.001	2.047	19.311	4.725
9/28/2013 8:21	6.36	2.047	19.3	4.726
9/28/2013 8:21	6.721	2.046	19.295	4.725
9/28/2013 8:21	7.14	2.046	19.289	4.724
9/28/2013 8:21	7.56	2.044	19.285	4.72
9/28/2013 8:21	7.981	2.045	19.285	4.722
9/28/2013 8:21	8.461	2.046	19.279	4.724
9/28/2013 8:21	9.001	2.045	19.277	4.721
9/28/2013 8:21	9.481	2.045	19.277	4.723
9/28/2013 8:21	10.081	2.045	19.274	4.723
9/28/2013 8:21	10.681	2.046	19.272	4.725
9/28/2013 8:21	11.28	2.046	19.269	4.725
9/28/2013 8:21	12.265	2.045	19.283	4.722
9/28/2013 8:21	12.66	2.048	19.283	4.728
9/28/2013 8:21	13.44	2.046	19.289	4.724
9/28/2013 8:21	14.22	2.046	19.274	4.725
9/28/2013 8:21	15.257	2.002	19.286	4.622
9/28/2013 8:21	15.96	1.962	19.275	4.53
9/28/2013 8:21	17.259	1.904	19.285	4.397
9/28/2013 8:21	17.88	1.881	19.279	4.344
9/28/2013 8:21	19.244	1.839	19.285	4.247
9/28/2013 8:21	20.1	1.818	19.271	4.197
9/28/2013 8:21	21.3	1.789	19.287	4.13
9/28/2013 8:21	22.56	1.761	19.269	4.065
9/28/2013 8:21	23.88	1.737	19.27	4.011
9/28/2013 8:21	25.32	1.713	19.283	3.956
9/28/2013 8:21	26.82	1.692	19.281	3.907
9/28/2013 8:21	28.38	1.669	19.278	3.854
9/28/2013 8:21	30.06	1.654	19.278	3.818
9/28/2013 8:21	31.86	1.633	19.28	3.771
9/28/2013 8:21	33.72	1.618	19.282	3.737
9/28/2013 8:21	35.76	1.6	19.285	3.694
9/28/2013 8:22	37.86	1.585	19.283	3.66
9/28/2013 8:22	40.08	1.571	19.285	3.626
9/28/2013 8:22	42.48	1.554	19.278	3.587
9/28/2013 8:22	45.357	1.541	19.299	3.559
9/28/2013 8:22	47.64	1.526	19.289	3.523
9/28/2013 8:22	50.46	1.517	19.282	3.504
9/28/2013 8:22	53.46	1.505	19.299	3.475
9/28/2013 8:22	56.64	1.496	19.287	3.454
9/28/2013 8:22	60	1.482	19.288	3.423
9/28/2013 8:22	63.6	1.473	19.297	3.402

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 8:22	67.367	1.466	19.306	3.385
9/28/2013 8:22	71.4	1.455	19.309	3.36
9/28/2013 8:22	75.6	1.446	19.304	3.339
9/28/2013 8:22	79.8	1.438	19.3	3.319
9/28/2013 8:22	84.6	1.433	19.293	3.31
9/28/2013 8:22	90	1.422	19.303	3.284
9/28/2013 8:22	94.8	1.416	19.297	3.269
9/28/2013 8:23	100.8	1.408	19.3	3.251
9/28/2013 8:23	106.8	1.401	19.303	3.236
9/28/2013 8:23	112.8	1.393	19.302	3.216
9/28/2013 8:23	119.694	1.387	19.323	3.203
9/28/2013 8:23	126.6	1.38	19.308	3.186
9/28/2013 8:23	134.4	1.374	19.312	3.173
9/28/2013 8:23	142.2	1.366	19.319	3.155
9/28/2013 8:23	150.6	1.362	19.315	3.144
9/28/2013 8:24	159.912	1.357	19.33	3.134
9/28/2013 8:24	169.2	1.353	19.31	3.124
9/28/2013 8:24	178.8	1.345	19.319	3.104
9/28/2013 8:24	190.072	1.342	19.337	3.098
9/28/2013 8:24	201	1.335	19.324	3.082
9/28/2013 8:24	213	1.33	19.328	3.07
9/28/2013 8:25	226.112	1.325	19.347	3.06
9/28/2013 8:25	238.8	1.322	19.336	3.052
9/28/2013 8:25	253.2	1.319	19.327	3.047
9/28/2013 8:25	268.2	1.316	19.322	3.038
9/28/2013 8:26	283.8	1.31	19.315	3.026
9/28/2013 8:26	300.6	1.308	19.31	3.021
9/28/2013 8:26	318.6	1.305	19.305	3.014
9/28/2013 8:26	337.2	1.299	19.3	3
9/28/2013 8:27	357.6	1.297	19.297	2.994
9/28/2013 8:27	378.6	1.294	19.296	2.988
9/28/2013 8:28	400.8	1.291	19.296	2.981
9/28/2013 8:28	424.8	1.284	19.296	2.964
9/28/2013 8:28	450	1.282	19.295	2.96
9/28/2013 8:29	476.4	1.277	19.295	2.948
9/28/2013 8:29	504.6	1.273	19.294	2.939
9/28/2013 8:30	534.6	1.272	19.294	2.938
9/28/2013 8:30	566.4	1.265	19.294	2.921
9/28/2013 8:31	600	1.265	19.292	2.921
9/28/2013 8:31	636	1.26	19.288	2.909
9/28/2013 8:32	672	1.255	19.287	2.897
9/28/2013 8:33	714	1.251	19.288	2.89
9/28/2013 8:33	756	1.25	19.283	2.887
9/28/2013 8:34	798	1.247	19.285	2.878
9/28/2013 8:35	846	1.242	19.288	2.868
9/28/2013 8:36	900	1.238	19.293	2.859
9/28/2013 8:37	948	1.236	19.29	2.855
9/28/2013 8:38	1008	1.233	19.294	2.846
9/28/2013 8:39	1068	1.23	19.291	2.841
9/28/2013 8:40	1128	1.729	19.289	3.992
9/28/2013 8:41	1188	1.926	19.287	4.447
9/28/2013 8:42	1248	1.969	19.282	4.547
9/28/2013 8:43	1308	1.991	19.279	4.597
9/28/2013 8:44	1368	2.007	19.282	4.635
9/28/2013 8:45	1428	2.017	19.289	4.658
9/28/2013 8:46	1488	2.022	19.305	4.669
9/28/2013 8:47	1548	2.029	19.344	4.684
9/28/2013 8:48	1608	2.033	19.408	4.694
9/28/2013 8:49	1668	2.036	19.46	4.701
9/28/2013 8:50	1728	2.038	19.465	4.706
9/28/2013 8:51	1788	2.041	19.482	4.713
9/28/2013 8:52	1848	2.041	19.507	4.713
9/28/2013 8:53	1908	2.042	19.531	4.714
9/28/2013 8:54	1968	2.042	19.548	4.715
9/28/2013 8:55	2028	2.043	19.554	4.718
9/28/2013 8:56	2088	2.044	19.548	4.719

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 8:57	2148	2.043	19.552	4.718
9/28/2013 8:58	2208	2.045	19.541	4.722
9/28/2013 8:59	2268	2.044	19.505	4.719
9/28/2013 9:00	2328	2.042	19.485	4.714
9/28/2013 9:01	2388	2.045	19.498	4.722
9/28/2013 9:02	2448	2.043	19.516	4.717
9/28/2013 9:03	2508	2.044	19.531	4.72
9/28/2013 9:04	2568	2.045	19.539	4.722
9/28/2013 9:05	2628	2.045	19.533	4.722
9/28/2013 9:06	2688	2.044	19.541	4.719
9/28/2013 9:07	2748	2.045	19.552	4.722
9/28/2013 9:08	2808	2.045	19.552	4.723
9/28/2013 9:09	2868	2.045	19.539	4.722
9/28/2013 9:10	2928	2.045	19.508	4.721
9/28/2013 9:11	2988	2.044	19.492	4.72
9/28/2013 9:12	3048	2.044	19.492	4.719
9/28/2013 9:13	3108	2.044	19.499	4.72
9/28/2013 9:14	3168	2.045	19.501	4.722
9/28/2013 9:15	3228	2.045	19.519	4.721

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-3 2013-09-28 10.21.04.wsl
Create Date	9/28/2013 10:21

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	3		
Used Battery	0		

Log Configuration

Log Name	106157-3
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 9:19:27 AM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Depth	
Specific Gravity		0.999

Other Log Settings

Depth of Probe:	4.70985 (ft)
Head Pressure:	2.0398 (PSI)
Temperature:	19.6123 (C)

Log Notes:

Date and Time	Note
9/28/2013 9:17	Used Battery: 0% Used Memory: 4% User Name: Unknown
9/28/2013 9:17	Manual Start Command
9/28/2013 10:18	Log Download - Used Battery: 0% Used Memory: 4% User Name: Unknown

Log Data:

Record Count	158	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 9:17	0	2.049	19.531	4.731
9/28/2013 9:17	0.251	2.045	19.552	4.722
9/28/2013 9:17	0.5	2.044	19.565	4.72
9/28/2013 9:17	0.75	2.046	19.573	4.724
9/28/2013 9:17	1	2.045	19.583	4.721
9/28/2013 9:17	1.25	2.045	19.591	4.722
9/28/2013 9:17	1.5	2.045	19.591	4.721
9/28/2013 9:17	1.75	2.035	19.596	4.698
9/28/2013 9:17	2	2.048	19.597	4.73
9/28/2013 9:17	2.25	2.018	19.601	4.659
9/28/2013 9:17	2.5	2.015	19.603	4.653
9/28/2013 9:17	2.75	2.003	19.607	4.625
9/28/2013 9:17	3	1.986	19.609	4.585
9/28/2013 9:17	3.25	1.979	19.607	4.571
9/28/2013 9:17	3.594	1.964	19.634	4.535
9/28/2013 9:17	3.813	1.952	19.628	4.506
9/28/2013 9:17	4.033	1.943	19.632	4.486
9/28/2013 9:17	4.251	1.935	19.632	4.469
9/28/2013 9:17	4.5	1.924	19.627	4.441
9/28/2013 9:17	4.75	1.914	19.624	4.419
9/28/2013 9:17	5	1.906	19.623	4.401
9/28/2013 9:17	5.25	1.898	19.625	4.382
9/28/2013 9:17	5.5	1.891	19.624	4.366
9/28/2013 9:17	5.75	1.881	19.626	4.343
9/28/2013 9:17	6	1.874	19.626	4.327
9/28/2013 9:17	6.36	1.862	19.617	4.299
9/28/2013 9:17	6.72	1.85	19.613	4.273
9/28/2013 9:17	7.14	1.838	19.604	4.244
9/28/2013 9:17	7.56	1.829	19.601	4.224
9/28/2013 9:17	7.98	1.817	19.601	4.195
9/28/2013 9:17	8.46	1.806	19.595	4.17
9/28/2013 9:17	9	1.793	19.589	4.139
9/28/2013 9:17	9.48	1.784	19.589	4.118
9/28/2013 9:17	10.08	1.772	19.584	4.09
9/28/2013 9:17	10.68	1.758	19.582	4.058
9/28/2013 9:17	11.28	1.747	19.582	4.034
9/28/2013 9:17	11.94	1.735	19.58	4.005
9/28/2013 9:17	12.66	1.724	19.578	3.98
9/28/2013 9:17	13.44	1.71	19.573	3.948
9/28/2013 9:17	14.22	1.698	19.575	3.921
9/28/2013 9:17	15.06	1.687	19.573	3.896
9/28/2013 9:17	15.96	1.671	19.568	3.859
9/28/2013 9:17	16.92	1.659	19.566	3.829
9/28/2013 9:17	17.88	1.645	19.566	3.797
9/28/2013 9:17	18.96	1.633	19.567	3.77
9/28/2013 9:17	20.1	1.619	19.566	3.738
9/28/2013 9:17	21.3	1.607	19.565	3.71
9/28/2013 9:17	22.56	1.595	19.565	3.682
9/28/2013 9:17	23.88	1.581	19.562	3.651
9/28/2013 9:17	25.32	1.572	19.56	3.629
9/28/2013 9:17	26.82	1.557	19.556	3.596
9/28/2013 9:17	28.38	1.549	19.567	3.577
9/28/2013 9:17	30.06	1.535	19.569	3.545
9/28/2013 9:17	31.86	1.524	19.573	3.519
9/28/2013 9:18	33.72	1.512	19.577	3.491
9/28/2013 9:18	35.76	1.502	19.577	3.469
9/28/2013 9:18	37.86	1.492	19.573	3.446
9/28/2013 9:18	40.08	1.482	19.563	3.422
9/28/2013 9:18	42.48	1.472	19.557	3.399
9/28/2013 9:18	45	1.464	19.557	3.38
9/28/2013 9:18	47.64	1.456	19.555	3.363
9/28/2013 9:18	50.46	1.444	19.553	3.335
9/28/2013 9:18	53.46	1.438	19.55	3.321
9/28/2013 9:18	56.64	1.428	19.546	3.296
9/28/2013 9:18	60	1.42	19.548	3.279
9/28/2013 9:18	63.6	1.412	19.543	3.261
9/28/2013 9:18	67.2	1.404	19.544	3.242

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 9:18	71.4	1.397	19.541	3.226
9/28/2013 9:18	75.6	1.391	19.541	3.211
9/28/2013 9:18	79.8	1.385	19.538	3.199
9/28/2013 9:18	84.6	1.38	19.534	3.186
9/28/2013 9:18	90	1.372	19.533	3.168
9/28/2013 9:19	94.8	1.366	19.529	3.154
9/28/2013 9:19	100.8	1.361	19.529	3.142
9/28/2013 9:19	106.8	1.357	19.524	3.134
9/28/2013 9:19	112.8	1.348	19.523	3.114
9/28/2013 9:19	119.4	1.344	19.517	3.104
9/28/2013 9:19	126.6	1.337	19.515	3.088
9/28/2013 9:19	134.4	1.332	19.513	3.076
9/28/2013 9:19	142.2	1.328	19.507	3.067
9/28/2013 9:19	150.6	1.321	19.499	3.051
9/28/2013 9:20	159.6	1.315	19.491	3.037
9/28/2013 9:20	169.2	1.311	19.486	3.027
9/28/2013 9:20	178.8	1.306	19.48	3.014
9/28/2013 9:20	189.6	1.302	19.479	3.007
9/28/2013 9:20	201	1.295	19.474	2.991
9/28/2013 9:21	213	1.293	19.466	2.985
9/28/2013 9:21	225.6	1.287	19.46	2.971
9/28/2013 9:21	238.8	1.284	19.457	2.965
9/28/2013 9:21	253.2	1.278	19.446	2.951
9/28/2013 9:21	268.2	1.273	19.441	2.938
9/28/2013 9:22	283.8	1.269	19.431	2.929
9/28/2013 9:22	300.6	1.266	19.419	2.924
9/28/2013 9:22	318.6	1.26	19.411	2.909
9/28/2013 9:23	337.2	1.255	19.404	2.897
9/28/2013 9:23	357.6	1.249	19.39	2.885
9/28/2013 9:23	378.6	1.245	19.374	2.875
9/28/2013 9:24	400.8	1.241	19.364	2.865
9/28/2013 9:24	424.8	1.237	19.347	2.856
9/28/2013 9:24	450	1.234	19.336	2.85
9/28/2013 9:25	476.4	1.232	19.324	2.845
9/28/2013 9:25	504.6	1.229	19.319	2.839
9/28/2013 9:26	534.6	1.223	19.31	2.824
9/28/2013 9:26	566.4	1.222	19.311	2.822
9/28/2013 9:27	600	1.217	19.3	2.811
9/28/2013 9:28	636	1.214	19.295	2.802
9/28/2013 9:28	672	1.209	19.292	2.792
9/28/2013 9:29	714	1.205	19.29	2.783
9/28/2013 9:30	756	1.204	19.293	2.779
9/28/2013 9:30	798	1.202	19.296	2.776
9/28/2013 9:31	846	1.197	19.303	2.764
9/28/2013 9:32	900	1.193	19.303	2.756
9/28/2013 9:33	948	1.192	19.303	2.753
9/28/2013 9:34	1008	1.187	19.306	2.74
9/28/2013 9:35	1068	1.186	19.305	2.739
9/28/2013 9:36	1128	1.226	19.297	2.83
9/28/2013 9:37	1188	1.884	19.288	4.351
9/28/2013 9:38	1248	1.946	19.294	4.494
9/28/2013 9:39	1308	1.973	19.296	4.556
9/28/2013 9:40	1368	1.99	19.301	4.595
9/28/2013 9:41	1428	2.001	19.298	4.62
9/28/2013 9:42	1488	2.01	19.302	4.641
9/28/2013 9:43	1548	2.016	19.302	4.654
9/28/2013 9:44	1608	2.019	19.309	4.661
9/28/2013 9:45	1668	2.024	19.316	4.673
9/28/2013 9:46	1728	2.026	19.332	4.678
9/28/2013 9:47	1788	2.028	19.346	4.682
9/28/2013 9:48	1848	2.03	19.362	4.686
9/28/2013 9:49	1908	2.032	19.369	4.692
9/28/2013 9:50	1968	2.032	19.383	4.693
9/28/2013 9:51	2028	2.034	19.392	4.696
9/28/2013 9:52	2088	2.034	19.413	4.697
9/28/2013 9:53	2148	2.034	19.419	4.697
9/28/2013 9:54	2208	2.037	19.425	4.702

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 9:55	2268	2.036	19.434	4.701
9/28/2013 9:56	2328	2.037	19.432	4.703
9/28/2013 9:57	2388	2.037	19.429	4.704
9/28/2013 9:58	2448	2.036	19.431	4.701
9/28/2013 9:59	2508	2.036	19.443	4.702
9/28/2013 10:00	2568	2.036	19.455	4.701
9/28/2013 10:01	2628	2.039	19.47	4.707
9/28/2013 10:02	2688	2.037	19.488	4.703
9/28/2013 10:03	2748	2.039	19.51	4.707
9/28/2013 10:04	2808	2.04	19.505	4.71
9/28/2013 10:05	2868	2.04	19.495	4.709
9/28/2013 10:06	2928	2.012	19.477	4.647
9/28/2013 10:07	2988	2.026	19.489	4.678
9/28/2013 10:08	3048	2.036	19.506	4.702
9/28/2013 10:09	3108	2.041	19.522	4.714
9/28/2013 10:10	3168	2.041	19.518	4.713
9/28/2013 10:11	3228	2.035	19.53	4.698
9/28/2013 10:12	3288	2.135	19.542	4.929
9/28/2013 10:13	3348	2.052	19.51	4.738
9/28/2013 10:14	3408	2.044	19.467	4.72
9/28/2013 10:15	3468	2.055	19.437	4.744
9/28/2013 10:16	3528	2.037	19.451	4.703
9/28/2013 10:17	3588	2.038	19.472	4.705
9/28/2013 10:18	3647.999	2.034	19.495	4.696

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-4 2013-09-28 11.47.44.wsl
Create Date	9/28/2013 11:47

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	4		
Used Battery	0		

Log Configuration

Log Name	106157-4
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 10:22:28 AM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.69255 (ft)
Head Pressure:	2.03231 (PSI)
Temperature:	19.5784 (C)

Log Notes:

Date and Time	Note
9/28/2013 10:20	Used Battery: 0% Used Memory: 6% User Name: Unknown
9/28/2013 10:20	Manual Start Command
9/28/2013 11:45	Log Download - Used Battery: 0% Used Memory: 6% User Name: Unknown

Log Data:

Record Count	181		
Sensors	1		
	1	350471	Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 10:20	0	2.04	19.496	4.71
9/28/2013 10:20	0.251	2.039	19.516	4.707
9/28/2013 10:20	0.501	2.039	19.529	4.707
9/28/2013 10:20	0.751	2.037	19.539	4.703
9/28/2013 10:20	1.001	2.037	19.547	4.703
9/28/2013 10:20	1.251	2.038	19.554	4.705
9/28/2013 10:20	1.501	2.037	19.551	4.704
9/28/2013 10:20	1.751	2.04	19.561	4.709
9/28/2013 10:20	2.001	2.037	19.564	4.702
9/28/2013 10:20	2.251	2.022	19.609	4.669
9/28/2013 10:20	2.654	2.014	19.593	4.651
9/28/2013 10:20	2.874	2.006	19.594	4.632
9/28/2013 10:20	3.095	2.003	19.591	4.624
9/28/2013 10:20	3.314	1.989	19.592	4.591
9/28/2013 10:20	3.532	1.977	19.591	4.565
9/28/2013 10:20	3.752	1.967	19.593	4.542
9/28/2013 10:20	4.001	1.953	19.592	4.51
9/28/2013 10:20	4.251	1.943	19.588	4.486
9/28/2013 10:20	4.501	1.932	19.587	4.461
9/28/2013 10:20	4.751	1.923	19.592	4.44
9/28/2013 10:20	5.001	1.914	19.589	4.42
9/28/2013 10:20	5.251	1.901	19.592	4.39
9/28/2013 10:20	5.501	1.895	19.591	4.376
9/28/2013 10:20	5.751	1.887	19.591	4.357
9/28/2013 10:20	6.001	1.881	19.59	4.343
9/28/2013 10:20	6.361	1.867	19.582	4.312
9/28/2013 10:20	6.721	1.858	19.577	4.291
9/28/2013 10:20	7.141	1.843	19.569	4.256
9/28/2013 10:20	7.561	1.835	19.567	4.236
9/28/2013 10:20	8.315	1.816	19.572	4.192
9/28/2013 10:20	8.535	1.812	19.582	4.184
9/28/2013 10:20	9.001	1.798	19.568	4.152
9/28/2013 10:20	9.481	1.791	19.563	4.134
9/28/2013 10:20	10.253	1.779	19.57	4.107
9/28/2013 10:20	10.681	1.766	19.565	4.078
9/28/2013 10:20	11.281	1.756	19.557	4.055
9/28/2013 10:20	12.248	1.735	19.565	4.007
9/28/2013 10:20	12.661	1.73	19.565	3.995
9/28/2013 10:20	13.441	1.718	19.553	3.967
9/28/2013 10:20	14.237	1.706	19.568	3.939
9/28/2013 10:20	15.061	1.692	19.55	3.908
9/28/2013 10:21	16.232	1.679	19.564	3.876
9/28/2013 10:21	16.921	1.67	19.555	3.857
9/28/2013 10:21	18.236	1.653	19.562	3.818
9/28/2013 10:21	18.961	1.645	19.554	3.798
9/28/2013 10:21	20.231	1.633	19.563	3.77
9/28/2013 10:21	21.301	1.621	19.548	3.743
9/28/2013 10:21	22.561	1.61	19.554	3.718
9/28/2013 10:21	24.235	1.594	19.564	3.679
9/28/2013 10:21	25.321	1.584	19.547	3.658
9/28/2013 10:21	26.821	1.573	19.552	3.632
9/28/2013 10:21	28.38	1.563	19.56	3.609
9/28/2013 10:21	30.238	1.55	19.562	3.578
9/28/2013 10:21	32.239	1.538	19.56	3.552
9/28/2013 10:21	33.721	1.532	19.545	3.536
9/28/2013 10:21	36.27	1.516	19.562	3.501
9/28/2013 10:21	38.271	1.508	19.564	3.482
9/28/2013 10:21	40.273	1.498	19.565	3.46
9/28/2013 10:21	42.481	1.491	19.556	3.444
9/28/2013 10:21	45	1.48	19.551	3.417
9/28/2013 10:21	47.641	1.473	19.545	3.401
9/28/2013 10:21	50.461	1.462	19.559	3.375
9/28/2013 10:21	53.461	1.454	19.544	3.358
9/28/2013 10:21	56.641	1.446	19.555	3.338
9/28/2013 10:21	60.281	1.438	19.563	3.321
9/28/2013 10:21	63.6	1.429	19.542	3.299
9/28/2013 10:21	67.2	1.421	19.54	3.281
9/28/2013 10:21	71.401	1.414	19.542	3.265
9/28/2013 10:21	75.6	1.41	19.54	3.256

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 10:22	80.318	1.403	19.555	3.238
9/28/2013 10:22	84.6	1.394	19.546	3.219
9/28/2013 10:22	90.351	1.386	19.551	3.201
9/28/2013 10:22	94.8	1.381	19.534	3.188
9/28/2013 10:22	100.801	1.374	19.515	3.172
9/28/2013 10:22	106.801	1.369	19.507	3.161
9/28/2013 10:22	112.801	1.364	19.502	3.15
9/28/2013 10:22	119.401	1.357	19.496	3.134
9/28/2013 10:22	126.601	1.352	19.483	3.121
9/28/2013 10:22	134.401	1.347	19.477	3.111
9/28/2013 10:23	142.201	1.34	19.466	3.095
9/28/2013 10:23	150.601	1.335	19.455	3.083
9/28/2013 10:23	159.601	1.328	19.444	3.067
9/28/2013 10:23	169.201	1.325	19.436	3.06
9/28/2013 10:23	178.801	1.32	19.427	3.048
9/28/2013 10:23	189.6	1.314	19.418	3.034
9/28/2013 10:24	201.001	1.307	19.406	3.018
9/28/2013 10:24	213.001	1.305	19.396	3.013
9/28/2013 10:24	225.6	1.3	19.387	3.003
9/28/2013 10:24	238.801	1.295	19.378	2.991
9/28/2013 10:24	253.201	1.288	19.369	2.975
9/28/2013 10:25	268.201	1.284	19.359	2.965
9/28/2013 10:25	283.8	1.279	19.351	2.953
9/28/2013 10:25	300.6	1.275	19.342	2.944
9/28/2013 10:26	318.6	1.271	19.336	2.935
9/28/2013 10:26	337.201	1.267	19.329	2.926
9/28/2013 10:26	357.6	1.263	19.319	2.916
9/28/2013 10:27	378.6	1.261	19.31	2.911
9/28/2013 10:27	400.8	1.256	19.303	2.899
9/28/2013 10:27	424.8	1.251	19.298	2.888
9/28/2013 10:28	450.001	1.249	19.29	2.884
9/28/2013 10:28	476.401	1.244	19.285	2.873
9/28/2013 10:29	504.6	1.241	19.278	2.866
9/28/2013 10:29	534.6	1.238	19.274	2.859
9/28/2013 10:30	566.401	1.234	19.269	2.85
9/28/2013 10:30	600	1.23	19.265	2.84
9/28/2013 10:31	636	1.228	19.26	2.834
9/28/2013 10:31	672	1.223	19.259	2.825
9/28/2013 10:32	714	1.222	19.254	2.822
9/28/2013 10:33	756	1.219	19.251	2.814
9/28/2013 10:34	798	1.214	19.248	2.804
9/28/2013 10:34	846	1.212	19.246	2.798
9/28/2013 10:35	900	1.209	19.238	2.791
9/28/2013 10:36	948	1.206	19.239	2.785
9/28/2013 10:37	1008	1.201	19.236	2.774
9/28/2013 10:38	1068	1.2	19.236	2.77
9/28/2013 10:39	1128	1.199	19.235	2.769
9/28/2013 10:40	1188	1.803	19.237	4.164
9/28/2013 10:41	1248	1.921	19.247	4.436
9/28/2013 10:42	1308	1.958	19.252	4.52
9/28/2013 10:43	1368	1.977	19.249	4.565
9/28/2013 10:44	1428	1.993	19.252	4.601
9/28/2013 10:45	1488	2	19.254	4.618
9/28/2013 10:46	1548	2.009	19.257	4.638
9/28/2013 10:47	1608	2.014	19.26	4.649
9/28/2013 10:48	1668	2.018	19.256	4.66
9/28/2013 10:49	1728	2.02	19.26	4.665
9/28/2013 10:50	1788	2.023	19.265	4.672
9/28/2013 10:51	1848	2.025	19.273	4.675
9/28/2013 10:52	1908	2.025	19.277	4.676
9/28/2013 10:53	1968	2.027	19.283	4.68
9/28/2013 10:54	2028	2.028	19.281	4.684
9/28/2013 10:55	2088	2.028	19.283	4.683
9/28/2013 10:56	2148	2.027	19.282	4.68
9/28/2013 10:57	2208	2.033	19.281	4.695
9/28/2013 10:58	2268	2.034	19.28	4.696
9/28/2013 10:59	2328	2.033	19.281	4.694
9/28/2013 11:00	2388	2.043	19.285	4.718
9/28/2013 11:01	2448	2.108	19.285	4.867

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 11:02	2508	2.048	19.285	4.73
9/28/2013 11:03	2568	2.051	19.288	4.737
9/28/2013 11:04	2628	2.046	19.286	4.723
9/28/2013 11:05	2688	2.051	19.287	4.736
9/28/2013 11:06	2748	2.05	19.289	4.733
9/28/2013 11:07	2808	2.049	19.291	4.73
9/28/2013 11:08	2868	2.05	19.295	4.732
9/28/2013 11:09	2928	2.049	19.292	4.731
9/28/2013 11:10	2988	2.05	19.291	4.732
9/28/2013 11:11	3048	2.049	19.29	4.73
9/28/2013 11:12	3108	2.049	19.298	4.731
9/28/2013 11:13	3168	2.049	19.305	4.732
9/28/2013 11:14	3228	2.048	19.31	4.73
9/28/2013 11:15	3288	2.051	19.314	4.735
9/28/2013 11:16	3348	2.05	19.323	4.734
9/28/2013 11:17	3408	2.05	19.325	4.734
9/28/2013 11:18	3468	2.051	19.335	4.736
9/28/2013 11:19	3528	2.053	19.325	4.741
9/28/2013 11:20	3588	2.053	19.326	4.74
9/28/2013 11:21	3648	2.052	19.327	4.737
9/28/2013 11:22	3708	2.053	19.323	4.741
9/28/2013 11:23	3768	2.05	19.322	4.734
9/28/2013 11:24	3828	2.053	19.32	4.741
9/28/2013 11:25	3888	2.052	19.321	4.738
9/28/2013 11:26	3948	2.052	19.324	4.738
9/28/2013 11:27	4008	2.052	19.323	4.738
9/28/2013 11:28	4068	2.051	19.325	4.736
9/28/2013 11:29	4128	2.052	19.326	4.737
9/28/2013 11:30	4188	2.054	19.326	4.742
9/28/2013 11:31	4248	2.054	19.324	4.742
9/28/2013 11:32	4308	2.052	19.325	4.738
9/28/2013 11:33	4368	2.054	19.327	4.743
9/28/2013 11:34	4428	2.054	19.329	4.743
9/28/2013 11:35	4488	2.052	19.33	4.739
9/28/2013 11:36	4548	2.053	19.331	4.74
9/28/2013 11:37	4608	2.053	19.33	4.739
9/28/2013 11:38	4668	2.054	19.333	4.742
9/28/2013 11:39	4728	2.053	19.338	4.741
9/28/2013 11:40	4788	2.053	19.334	4.741
9/28/2013 11:41	4848	2.054	19.332	4.743
9/28/2013 11:42	4908	2.055	19.334	4.744
9/28/2013 11:43	4968	2.052	19.336	4.738
9/28/2013 11:44	5028	2.056	19.339	4.746

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-5 2013-09-28 12.43.49.wsl
Create Date	9/28/2013 12:43

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	6		
Used Battery	0		

Log Configuration

Log Name	106157-5
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 11:48:35 AM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mod Depth	
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.73703 (ft)
Head Pressure:	2.05158 (PSI)
Temperature:	19.4333 (C)

Log Notes:

Date and Time	Note
9/28/2013 11:46	Used Battery: 0% Used Memory: 7% User Name: Unknown
9/28/2013 11:46	Manual Start Command
9/28/2013 12:41	Log Download - Used Battery: 0% Used Memory: 7% User Name: Unknown

Log Data:

Record Count	151	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 11:46	0	2.061	19.354	4.758
9/28/2013 11:46	0.253	2.055	19.37	4.746
9/28/2013 11:46	0.5	2.056	19.383	4.748
9/28/2013 11:46	0.75	2.06	19.397	4.756
9/28/2013 11:46	1.215	2.059	19.392	4.753
9/28/2013 11:46	1.434	2.058	19.406	4.753
9/28/2013 11:46	1.655	2.057	19.412	4.75
9/28/2013 11:46	1.877	2.056	19.418	4.748
9/28/2013 11:46	2.097	2.058	19.425	4.751
9/28/2013 11:46	2.316	2.057	19.431	4.75
9/28/2013 11:46	2.535	2.056	19.431	4.748
9/28/2013 11:46	2.754	2.055	19.434	4.745
9/28/2013 11:46	3	2.038	19.434	4.707
9/28/2013 11:46	3.25	2.027	19.437	4.68
9/28/2013 11:46	3.5	2.026	19.435	4.679
9/28/2013 11:46	3.75	2.012	19.437	4.647
9/28/2013 11:46	4	1.997	19.44	4.611
9/28/2013 11:46	4.25	1.986	19.439	4.585
9/28/2013 11:46	4.5	1.972	19.443	4.553
9/28/2013 11:46	4.75	1.961	19.443	4.527
9/28/2013 11:46	5	1.952	19.441	4.508
9/28/2013 11:46	5.25	1.943	19.443	4.486
9/28/2013 11:46	5.5	1.936	19.443	4.47
9/28/2013 11:46	6.253	1.906	19.434	4.401
9/28/2013 11:46	6.472	1.898	19.443	4.383
9/28/2013 11:46	6.692	1.895	19.446	4.375
9/28/2013 11:46	6.912	1.886	19.45	4.354
9/28/2013 11:46	7.14	1.878	19.449	4.336
9/28/2013 11:46	7.56	1.867	19.434	4.311
9/28/2013 11:46	8.316	1.851	19.436	4.273
9/28/2013 11:46	8.536	1.843	19.445	4.255
9/28/2013 11:46	9	1.831	19.431	4.228
9/28/2013 11:46	9.48	1.82	19.422	4.202
9/28/2013 11:46	10.244	1.804	19.431	4.165
9/28/2013 11:46	10.68	1.795	19.427	4.146
9/28/2013 11:46	11.28	1.783	19.417	4.117
9/28/2013 11:46	12.425	1.762	19.42	4.068
9/28/2013 11:46	12.66	1.76	19.432	4.063
9/28/2013 11:46	13.44	1.745	19.411	4.03
9/28/2013 11:46	14.255	1.733	19.426	4.002
9/28/2013 11:46	15.06	1.721	19.415	3.974
9/28/2013 11:46	16.256	1.706	19.419	3.94
9/28/2013 11:46	16.92	1.697	19.413	3.918
9/28/2013 11:46	18.256	1.682	19.42	3.883
9/28/2013 11:46	18.96	1.672	19.413	3.861
9/28/2013 11:46	20.256	1.656	19.423	3.823
9/28/2013 11:46	21.3	1.646	19.406	3.8
9/28/2013 11:46	22.56	1.635	19.415	3.775
9/28/2013 11:46	24.254	1.619	19.421	3.738
9/28/2013 11:46	25.32	1.61	19.407	3.718
9/28/2013 11:46	26.82	1.599	19.408	3.692
9/28/2013 11:46	28.38	1.588	19.415	3.667
9/28/2013 11:46	30.257	1.577	19.422	3.641
9/28/2013 11:46	32.26	1.564	19.422	3.612
9/28/2013 11:47	34.26	1.556	19.421	3.592
9/28/2013 11:47	36.26	1.544	19.422	3.566
9/28/2013 11:47	38.274	1.535	19.418	3.544
9/28/2013 11:47	40.274	1.527	19.423	3.526
9/28/2013 11:47	42.48	1.519	19.417	3.506
9/28/2013 11:47	45	1.509	19.408	3.485
9/28/2013 11:47	47.64	1.504	19.403	3.472
9/28/2013 11:47	50.46	1.492	19.416	3.445
9/28/2013 11:47	53.46	1.483	19.404	3.425
9/28/2013 11:47	56.64	1.476	19.413	3.409
9/28/2013 11:47	60.283	1.467	19.422	3.387

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 11:47	63.6	1.458	19.399	3.367
9/28/2013 11:47	67.2	1.453	19.393	3.355
9/28/2013 11:47	71.4	1.444	19.388	3.334
9/28/2013 11:47	75.6	1.439	19.386	3.322
9/28/2013 11:47	79.8	1.433	19.384	3.308
9/28/2013 11:47	84.6	1.425	19.382	3.29
9/28/2013 11:47	90	1.416	19.378	3.27
9/28/2013 11:48	94.8	1.411	19.378	3.259
9/28/2013 11:48	100.8	1.405	19.372	3.244
9/28/2013 11:48	106.8	1.398	19.365	3.228
9/28/2013 11:48	112.8	1.396	19.361	3.224
9/28/2013 11:48	119.4	1.389	19.36	3.207
9/28/2013 11:48	126.6	1.384	19.355	3.196
9/28/2013 11:48	134.4	1.377	19.349	3.18
9/28/2013 11:48	142.2	1.37	19.344	3.164
9/28/2013 11:48	150.6	1.366	19.339	3.155
9/28/2013 11:49	159.6	1.36	19.331	3.14
9/28/2013 11:49	169.2	1.355	19.327	3.13
9/28/2013 11:49	178.8	1.35	19.326	3.118
9/28/2013 11:49	189.6	1.346	19.321	3.108
9/28/2013 11:49	201	1.34	19.315	3.094
9/28/2013 11:50	213	1.337	19.307	3.087
9/28/2013 11:50	225.6	1.33	19.3	3.071
9/28/2013 11:50	238.8	1.327	19.299	3.064
9/28/2013 11:50	253.2	1.319	19.294	3.046
9/28/2013 11:50	268.2	1.317	19.291	3.04
9/28/2013 11:51	283.8	1.311	19.284	3.028
9/28/2013 11:51	300.6	1.308	19.283	3.02
9/28/2013 11:51	318.6	1.303	19.28	3.009
9/28/2013 11:52	337.2	1.299	19.278	3
9/28/2013 11:52	357.6	1.294	19.27	2.987
9/28/2013 11:52	378.6	1.288	19.268	2.975
9/28/2013 11:53	400.8	1.287	19.266	2.973
9/28/2013 11:53	424.8	1.284	19.262	2.965
9/28/2013 11:53	450	1.28	19.258	2.956
9/28/2013 11:54	476.4	1.275	19.254	2.944
9/28/2013 11:54	504.6	1.273	19.254	2.94
9/28/2013 11:55	534.6	1.268	19.247	2.929
9/28/2013 11:55	566.4	1.264	19.244	2.918
9/28/2013 11:56	600	1.261	19.242	2.911
9/28/2013 11:57	636	1.255	19.242	2.897
9/28/2013 11:57	672	1.253	19.242	2.894
9/28/2013 11:58	714	1.25	19.238	2.887
9/28/2013 11:59	756	1.25	19.235	2.887
9/28/2013 11:59	798	1.245	19.236	2.875
9/28/2013 12:00	846	1.243	19.23	2.869
9/28/2013 12:01	900	1.241	19.234	2.865
9/28/2013 12:02	948	1.235	19.232	2.852
9/28/2013 12:03	1008	1.234	19.231	2.85
9/28/2013 12:04	1068	1.231	19.23	2.842
9/28/2013 12:05	1128	1.23	19.229	2.839
9/28/2013 12:06	1188	1.824	19.233	4.212
9/28/2013 12:07	1248	1.941	19.229	4.481
9/28/2013 12:08	1308	1.973	19.235	4.556
9/28/2013 12:09	1368	1.994	19.234	4.604
9/28/2013 12:10	1428	2.008	19.237	4.635
9/28/2013 12:11	1488	2.017	19.238	4.658
9/28/2013 12:12	1548	2.024	19.24	4.673
9/28/2013 12:13	1608	2.028	19.244	4.683
9/28/2013 12:14	1668	2.032	19.247	4.692
9/28/2013 12:15	1728	2.035	19.251	4.698
9/28/2013 12:16	1788	2.036	19.254	4.7
9/28/2013 12:17	1848	2.04	19.254	4.71
9/28/2013 12:18	1908	2.04	19.255	4.711
9/28/2013 12:19	1968	2.042	19.258	4.715

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 12:20	2028	2.043	19.257	4.718
9/28/2013 12:21	2088	2.044	19.26	4.719
9/28/2013 12:22	2148	2.043	19.258	4.718
9/28/2013 12:23	2208	2.045	19.261	4.722
9/28/2013 12:24	2268	2.046	19.263	4.724
9/28/2013 12:25	2328	2.047	19.264	4.726
9/28/2013 12:26	2388	2.048	19.268	4.728
9/28/2013 12:27	2448	2.049	19.27	4.731
9/28/2013 12:28	2508	2.048	19.268	4.729
9/28/2013 12:29	2568	2.049	19.272	4.731
9/28/2013 12:30	2628	2.05	19.272	4.733
9/28/2013 12:31	2688	2.051	19.28	4.735
9/28/2013 12:32	2748	2.051	19.28	4.737
9/28/2013 12:33	2808	2.051	19.28	4.736
9/28/2013 12:34	2868	2.051	19.284	4.735
9/28/2013 12:35	2928	2.051	19.285	4.735
9/28/2013 12:36	2988	2.052	19.292	4.739
9/28/2013 12:37	3048	2.052	19.29	4.738
9/28/2013 12:38	3108	2.053	19.29	4.741
9/28/2013 12:39	3168	2.052	19.288	4.738
9/28/2013 12:40	3228	2.054	19.29	4.743

Report Date:	10/2/2013 14:11			
Report User Name:	virginia.bracht			
Report Computer Name:	1YSXLG1			
Application:	WinSitu.exe			
Application Version:	5.6.21.0			

Log File Properties

File Name	106157-6 2013-09-28 13.46.20.wsl			
Create Date	9/28/2013 13:46			

Device Properties

Device	Level TROLL 700			
Site	KAFB			
Device Name				
Serial Number	350471			
Firmware Version	2.09			
Hardware Version	3			
Device Address	1			
Device Comm Cfg	19200	8 Even		1 (Modbus-RTU)
Used Memory	7			
Used Battery	0			

Log Configuration

Log Name	106157-6
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 12:44:26 PM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Depth	
Specific Gravity		0.999

Other Log Settings

Depth of Probe:	4.73355 (ft)
Head Pressure:	2.05007 (PSI)
Temperature:	19.3792 (C)

Log Notes:

Date and Time	Note
9/28/2013 12:42	Used Battery: 0% Used Memory: 9% User Name: Unknown
9/28/2013 12:43	Manual Start Command
9/28/2013 13:43	Log Download - Used Battery: 0% Used Memory: 9% User Name: Unknown

Log Data:

Record Count	157		
Sensors	1		
	1	350471	Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 12:43	0	2.059	19.297	4.753
9/28/2013 12:43	0.25	2.057	19.314	4.75
9/28/2013 12:43	0.5	2.055	19.327	4.746
9/28/2013 12:43	0.75	2.057	19.337	4.75
9/28/2013 12:43	1.228	2.059	19.334	4.755
9/28/2013 12:43	1.448	2.041	19.347	4.712
9/28/2013 12:43	1.668	2.024	19.354	4.675
9/28/2013 12:43	1.938	2.027	19.357	4.68
9/28/2013 12:43	2.16	2.023	19.363	4.671
9/28/2013 12:43	2.378	2.003	19.367	4.624
9/28/2013 12:43	2.597	1.991	19.374	4.598
9/28/2013 12:43	2.815	1.981	19.377	4.575
9/28/2013 12:43	3.035	1.967	19.382	4.543
9/28/2013 12:43	3.253	1.961	19.381	4.529
9/28/2013 12:43	3.5	1.951	19.381	4.505
9/28/2013 12:43	3.75	1.941	19.379	4.481
9/28/2013 12:43	4	1.931	19.381	4.459
9/28/2013 12:43	4.25	1.922	19.38	4.437
9/28/2013 12:43	4.5	1.915	19.382	4.422
9/28/2013 12:43	4.75	1.907	19.384	4.404
9/28/2013 12:44	5	1.899	19.383	4.384
9/28/2013 12:44	5.25	1.892	19.388	4.368
9/28/2013 12:44	5.5	1.882	19.383	4.346
9/28/2013 12:44	5.75	1.875	19.387	4.33
9/28/2013 12:44	6	1.869	19.385	4.316
9/28/2013 12:44	6.36	1.858	19.377	4.291
9/28/2013 12:44	6.72	1.848	19.375	4.267
9/28/2013 12:44	7.14	1.837	19.368	4.241
9/28/2013 12:44	7.56	1.826	19.364	4.217
9/28/2013 12:44	7.98	1.817	19.363	4.195
9/28/2013 12:44	8.46	1.806	19.362	4.169
9/28/2013 12:44	9	1.794	19.353	4.143
9/28/2013 12:44	9.48	1.785	19.354	4.121
9/28/2013 12:44	10.08	1.772	19.347	4.092
9/28/2013 12:44	10.68	1.761	19.346	4.066
9/28/2013 12:44	11.28	1.75	19.35	4.041
9/28/2013 12:44	11.94	1.738	19.347	4.013
9/28/2013 12:44	12.931	1.72	19.36	3.97
9/28/2013 12:44	13.44	1.713	19.353	3.954
9/28/2013 12:44	14.22	1.699	19.345	3.924
9/28/2013 12:44	15.06	1.688	19.363	3.898
9/28/2013 12:44	15.96	1.677	19.348	3.871
9/28/2013 12:44	16.92	1.663	19.362	3.841
9/28/2013 12:44	17.88	1.652	19.348	3.814
9/28/2013 12:44	18.96	1.64	19.361	3.787
9/28/2013 12:44	20.1	1.626	19.343	3.754
9/28/2013 12:44	21.3	1.614	19.348	3.726
9/28/2013 12:44	22.915	1.599	19.359	3.693
9/28/2013 12:44	23.88	1.593	19.351	3.679
9/28/2013 12:44	25.32	1.579	19.353	3.646
9/28/2013 12:44	26.964	1.568	19.361	3.619
9/28/2013 12:44	28.38	1.558	19.343	3.597
9/28/2013 12:44	30.06	1.546	19.36	3.569
9/28/2013 12:44	31.86	1.536	19.348	3.546
9/28/2013 12:44	33.72	1.526	19.349	3.522
9/28/2013 12:44	35.76	1.515	19.351	3.499
9/28/2013 12:44	37.86	1.505	19.349	3.474
9/28/2013 12:44	40.08	1.495	19.34	3.452
9/28/2013 12:44	42.48	1.487	19.335	3.432
9/28/2013 12:44	45	1.478	19.337	3.414
9/28/2013 12:44	47.64	1.469	19.337	3.392
9/28/2013 12:44	50.46	1.461	19.336	3.373
9/28/2013 12:44	53.46	1.453	19.333	3.355
9/28/2013 12:44	56.64	1.445	19.327	3.336
9/28/2013 12:44	60	1.437	19.327	3.319
9/28/2013 12:44	63.6	1.43	19.325	3.301
9/28/2013 12:45	67.2	1.422	19.325	3.283
9/28/2013 12:45	71.4	1.414	19.324	3.265
9/28/2013 12:45	75.6	1.408	19.32	3.252
9/28/2013 12:45	79.8	1.402	19.316	3.236

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 12:45	84.6	1.394	19.314	3.22
9/28/2013 12:45	90	1.387	19.313	3.203
9/28/2013 12:45	94.8	1.384	19.309	3.195
9/28/2013 12:45	100.8	1.375	19.306	3.176
9/28/2013 12:45	106.8	1.37	19.309	3.164
9/28/2013 12:45	112.8	1.364	19.302	3.15
9/28/2013 12:45	119.4	1.359	19.3	3.138
9/28/2013 12:46	126.6	1.355	19.299	3.128
9/28/2013 12:46	134.4	1.348	19.298	3.113
9/28/2013 12:46	142.2	1.343	19.295	3.1
9/28/2013 12:46	150.6	1.339	19.292	3.093
9/28/2013 12:46	159.6	1.332	19.291	3.077
9/28/2013 12:46	169.2	1.328	19.286	3.066
9/28/2013 12:46	178.8	1.323	19.287	3.054
9/28/2013 12:47	189.6	1.319	19.28	3.046
9/28/2013 12:47	201	1.313	19.281	3.032
9/28/2013 12:47	213	1.309	19.276	3.021
9/28/2013 12:47	225.6	1.302	19.274	3.007
9/28/2013 12:47	238.8	1.3	19.273	3.002
9/28/2013 12:48	253.2	1.297	19.269	2.994
9/28/2013 12:48	268.2	1.291	19.271	2.981
9/28/2013 12:48	283.8	1.287	19.269	2.971
9/28/2013 12:48	300.6	1.284	19.267	2.964
9/28/2013 12:49	318.6	1.278	19.268	2.95
9/28/2013 12:49	337.2	1.277	19.262	2.948
9/28/2013 12:49	357.6	1.272	19.264	2.938
9/28/2013 12:50	378.6	1.268	19.263	2.928
9/28/2013 12:50	400.8	1.265	19.258	2.92
9/28/2013 12:50	424.8	1.26	19.254	2.91
9/28/2013 12:51	450	1.255	19.251	2.897
9/28/2013 12:51	476.4	1.252	19.251	2.89
9/28/2013 12:52	504.6	1.248	19.253	2.881
9/28/2013 12:52	534.6	1.244	19.255	2.872
9/28/2013 12:53	566.4	1.242	19.253	2.867
9/28/2013 12:53	600	1.239	19.249	2.861
9/28/2013 12:54	636	1.234	19.247	2.85
9/28/2013 12:55	672	1.231	19.243	2.843
9/28/2013 12:55	714	1.228	19.244	2.836
9/28/2013 12:56	756	1.227	19.243	2.833
9/28/2013 12:57	798	1.225	19.24	2.828
9/28/2013 12:58	846	1.222	19.237	2.821
9/28/2013 12:58	900	1.218	19.231	2.812
9/28/2013 12:59	948	1.217	19.228	2.811
9/28/2013 13:00	1008	1.214	19.234	2.804
9/28/2013 13:01	1068	1.213	19.238	2.8
9/28/2013 13:02	1128	1.211	19.234	2.797
9/28/2013 13:03	1188	1.889	19.237	4.362
9/28/2013 13:04	1248	1.956	19.237	4.517
9/28/2013 13:05	1308	1.982	19.238	4.577
9/28/2013 13:06	1368	2.001	19.239	4.619
9/28/2013 13:07	1428	2.014	19.237	4.651
9/28/2013 13:08	1488	2.022	19.24	4.669
9/28/2013 13:09	1548	2.026	19.248	4.679
9/28/2013 13:10	1608	2.033	19.252	4.694
9/28/2013 13:11	1668	2.036	19.257	4.701
9/28/2013 13:12	1728	2.039	19.259	4.708
9/28/2013 13:13	1788	2.041	19.256	4.712
9/28/2013 13:14	1848	2.043	19.256	4.718
9/28/2013 13:15	1908	2.046	19.26	4.724
9/28/2013 13:16	1968	2.046	19.265	4.724
9/28/2013 13:17	2028	2.046	19.267	4.723
9/28/2013 13:18	2088	2.046	19.267	4.725
9/28/2013 13:19	2148	2.052	19.266	4.739
9/28/2013 13:20	2208	2.054	19.271	4.742
9/28/2013 13:21	2268	2.055	19.274	4.746
9/28/2013 13:22	2328	2.055	19.271	4.745
9/28/2013 13:23	2388	2.055	19.276	4.746
9/28/2013 13:24	2448	2.056	19.275	4.748
9/28/2013 13:25	2508	2.048	19.276	4.729
9/28/2013 13:26	2568	2.055	19.278	4.744

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 13:27	2628	2.126	19.28	4.909
9/28/2013 13:28	2688	2.066	19.274	4.771
9/28/2013 13:29	2748	2.064	19.273	4.765
9/28/2013 13:30	2808	2.01	19.269	4.641
9/28/2013 13:31	2868	2.042	19.269	4.716
9/28/2013 13:32	2928	2.058	19.27	4.753
9/28/2013 13:33	2988	2.061	19.269	4.76
9/28/2013 13:34	3048	2.06	19.266	4.757
9/28/2013 13:35	3108	2.061	19.273	4.76
9/28/2013 13:36	3168	2.104	19.271	4.859
9/28/2013 13:37	3228	2.068	19.27	4.776
9/28/2013 13:38	3288	2.065	19.266	4.768
9/28/2013 13:39	3348	2.067	19.267	4.773
9/28/2013 13:40	3408	2.065	19.262	4.769
9/28/2013 13:41	3468	2.068	19.26	4.776
9/28/2013 13:42	3528	2.067	19.251	4.774
9/28/2013 13:43	3587.999	2.068	19.246	4.775

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-7 2013-09-28 14.47.58.wsl
Create Date	9/28/2013 14:47

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	9		
Used Battery	0		

Log Configuration

Log Name	106157-7
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 1:47:19 PM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mod	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.76847 (ft)
Head Pressure:	2.06519 (PSI)
Temperature:	19.3255 (C)

Log Notes:

Date and Time	Note
9/28/2013 13:44	Used Battery: 0% Used Memory: 10% User Name: Unknown
9/28/2013 13:46	Manual Start Command
9/28/2013 14:45	Log Download - Used Battery: 0% Used Memory: 10% User Name: Unknown

Log Data:

Record Count	155	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 13:46	0	2.071	19.224	4.781
9/28/2013 13:46	0.25	2.069	19.244	4.778
9/28/2013 13:46	0.5	2.07	19.254	4.779
9/28/2013 13:46	0.75	2.07	19.266	4.78
9/28/2013 13:46	1	2.07	19.274	4.781
9/28/2013 13:46	1.25	2.071	19.278	4.781
9/28/2013 13:46	1.5	2.07	19.282	4.78
9/28/2013 13:46	1.75	2.07	19.286	4.78
9/28/2013 13:46	2.223	2.056	19.277	4.747
9/28/2013 13:46	2.442	2.038	19.287	4.707
9/28/2013 13:46	2.661	2.042	19.294	4.716
9/28/2013 13:46	2.981	2.032	19.291	4.693
9/28/2013 13:46	3.203	2.013	19.298	4.647
9/28/2013 13:46	3.424	2.002	19.302	4.621
9/28/2013 13:46	3.643	1.995	19.303	4.607
9/28/2013 13:46	3.861	1.984	19.31	4.58
9/28/2013 13:46	4.081	1.975	19.311	4.561
9/28/2013 13:46	4.3	1.969	19.313	4.547
9/28/2013 13:46	4.519	1.959	19.317	4.523
9/28/2013 13:46	4.75	1.95	19.316	4.501
9/28/2013 13:46	5	1.942	19.316	4.484
9/28/2013 13:46	5.25	1.934	19.317	4.467
9/28/2013 13:46	5.5	1.927	19.314	4.449
9/28/2013 13:46	5.75	1.92	19.316	4.434
9/28/2013 13:46	6	1.911	19.316	4.412
9/28/2013 13:46	6.36	1.9	19.308	4.388
9/28/2013 13:46	6.72	1.89	19.305	4.365
9/28/2013 13:46	7.14	1.879	19.294	4.339
9/28/2013 13:46	7.56	1.87	19.291	4.317
9/28/2013 13:46	7.98	1.86	19.292	4.295
9/28/2013 13:46	8.46	1.848	19.287	4.268
9/28/2013 13:46	9	1.839	19.286	4.246
9/28/2013 13:46	9.48	1.829	19.282	4.222
9/28/2013 13:46	10.08	1.817	19.278	4.195
9/28/2013 13:46	11.083	1.796	19.287	4.148
9/28/2013 13:46	11.304	1.797	19.299	4.149
9/28/2013 13:46	11.94	1.784	19.287	4.12
9/28/2013 13:46	13.052	1.765	19.29	4.076
9/28/2013 13:46	13.44	1.761	19.292	4.065
9/28/2013 13:47	14.22	1.748	19.277	4.037
9/28/2013 13:47	15.06	1.736	19.291	4.009
9/28/2013 13:47	15.96	1.723	19.275	3.978
9/28/2013 13:47	17.056	1.712	19.288	3.952
9/28/2013 13:47	17.88	1.703	19.274	3.932
9/28/2013 13:47	19.057	1.69	19.294	3.903
9/28/2013 13:47	20.1	1.677	19.277	3.872
9/28/2013 13:47	21.3	1.667	19.282	3.848
9/28/2013 13:47	23.057	1.651	19.289	3.812
9/28/2013 13:47	23.88	1.645	19.278	3.799
9/28/2013 13:47	25.32	1.633	19.282	3.77
9/28/2013 13:47	27.057	1.622	19.288	3.745
9/28/2013 13:47	28.38	1.613	19.274	3.725
9/28/2013 13:47	30.06	1.601	19.275	3.697
9/28/2013 13:47	31.86	1.592	19.269	3.677
9/28/2013 13:47	33.72	1.583	19.266	3.655
9/28/2013 13:47	35.76	1.572	19.264	3.631
9/28/2013 13:47	37.86	1.565	19.263	3.614
9/28/2013 13:47	40.08	1.555	19.265	3.589
9/28/2013 13:47	42.48	1.546	19.261	3.57
9/28/2013 13:47	45	1.535	19.259	3.544
9/28/2013 13:47	47.64	1.529	19.261	3.529
9/28/2013 13:47	50.46	1.521	19.258	3.511
9/28/2013 13:47	53.46	1.512	19.258	3.492
9/28/2013 13:47	56.64	1.503	19.257	3.47
9/28/2013 13:47	60	1.495	19.253	3.451
9/28/2013 13:47	63.6	1.485	19.252	3.429

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 13:47	67.2	1.48	19.253	3.417
9/28/2013 13:47	71.4	1.472	19.254	3.399
9/28/2013 13:48	75.6	1.467	19.251	3.388
9/28/2013 13:48	79.8	1.458	19.251	3.366
9/28/2013 13:48	84.6	1.455	19.251	3.359
9/28/2013 13:48	90	1.446	19.248	3.34
9/28/2013 13:48	94.8	1.442	19.247	3.33
9/28/2013 13:48	100.8	1.436	19.244	3.315
9/28/2013 13:48	106.8	1.431	19.244	3.305
9/28/2013 13:48	112.8	1.424	19.241	3.289
9/28/2013 13:48	119.4	1.419	19.243	3.276
9/28/2013 13:48	126.6	1.414	19.242	3.265
9/28/2013 13:49	134.4	1.408	19.241	3.251
9/28/2013 13:49	142.2	1.404	19.243	3.241
9/28/2013 13:49	150.6	1.398	19.243	3.228
9/28/2013 13:49	159.6	1.393	19.236	3.217
9/28/2013 13:49	169.2	1.389	19.24	3.207
9/28/2013 13:49	178.8	1.385	19.242	3.198
9/28/2013 13:49	189.6	1.379	19.242	3.184
9/28/2013 13:50	201	1.374	19.243	3.173
9/28/2013 13:50	213	1.369	19.245	3.161
9/28/2013 13:50	225.6	1.365	19.247	3.152
9/28/2013 13:50	238.8	1.361	19.251	3.142
9/28/2013 13:50	253.2	1.356	19.25	3.131
9/28/2013 13:51	268.2	1.352	19.254	3.123
9/28/2013 13:51	283.8	1.35	19.254	3.117
9/28/2013 13:51	300.6	1.344	19.254	3.102
9/28/2013 13:52	318.6	1.34	19.255	3.095
9/28/2013 13:52	337.2	1.337	19.251	3.087
9/28/2013 13:52	357.6	1.331	19.25	3.073
9/28/2013 13:53	378.6	1.329	19.247	3.069
9/28/2013 13:53	400.8	1.325	19.25	3.059
9/28/2013 13:53	424.8	1.322	19.245	3.053
9/28/2013 13:54	450	1.318	19.244	3.042
9/28/2013 13:54	476.4	1.315	19.245	3.037
9/28/2013 13:55	504.6	1.312	19.248	3.03
9/28/2013 13:55	534.6	1.31	19.247	3.025
9/28/2013 13:56	566.4	1.305	19.249	3.012
9/28/2013 13:56	600	1.302	19.252	3.007
9/28/2013 13:57	636	1.3	19.247	3.002
9/28/2013 13:57	672	1.297	19.242	2.995
9/28/2013 13:58	714	1.292	19.238	2.984
9/28/2013 13:59	756	1.288	19.239	2.974
9/28/2013 14:00	798	1.287	19.233	2.971
9/28/2013 14:00	846	1.283	19.231	2.963
9/28/2013 14:01	900	1.28	19.233	2.954
9/28/2013 14:02	948	1.278	19.238	2.951
9/28/2013 14:03	1008	1.277	19.237	2.949
9/28/2013 14:04	1068	1.275	19.234	2.943
9/28/2013 14:05	1128	1.269	19.235	2.93
9/28/2013 14:06	1188	1.56	19.235	3.603
9/28/2013 14:07	1248	1.93	19.234	4.456
9/28/2013 14:08	1308	1.98	19.23	4.571
9/28/2013 14:09	1368	2.004	19.234	4.627
9/28/2013 14:10	1428	2.02	19.231	4.663
9/28/2013 14:11	1488	2.03	19.235	4.688
9/28/2013 14:12	1548	2.039	19.235	4.708
9/28/2013 14:13	1608	2.046	19.236	4.724
9/28/2013 14:14	1668	2.049	19.241	4.73
9/28/2013 14:15	1728	2.052	19.242	4.738
9/28/2013 14:16	1788	2.056	19.244	4.747
9/28/2013 14:17	1848	2.056	19.246	4.747
9/28/2013 14:18	1908	2.061	19.249	4.759
9/28/2013 14:19	1968	2.061	19.25	4.759
9/28/2013 14:20	2028	2.064	19.252	4.765
9/28/2013 14:21	2088	2.064	19.251	4.765

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 14:22	2148	2.066	19.253	4.77
9/28/2013 14:23	2208	2.065	19.255	4.768
9/28/2013 14:24	2268	2.067	19.258	4.772
9/28/2013 14:25	2328	2.069	19.257	4.777
9/28/2013 14:26	2388	2.07	19.262	4.78
9/28/2013 14:27	2448	2.07	19.265	4.78
9/28/2013 14:28	2508	2.07	19.264	4.78
9/28/2013 14:29	2568	2.071	19.267	4.782
9/28/2013 14:30	2628	2.071	19.267	4.782
9/28/2013 14:31	2688	2.071	19.267	4.781
9/28/2013 14:32	2748	2.072	19.266	4.785
9/28/2013 14:33	2808	2.074	19.266	4.789
9/28/2013 14:34	2868	2.074	19.267	4.788
9/28/2013 14:35	2928	2.073	19.27	4.787
9/28/2013 14:36	2988	2.075	19.275	4.79
9/28/2013 14:37	3048	2.074	19.274	4.79
9/28/2013 14:38	3108	2.077	19.273	4.795
9/28/2013 14:39	3168	2.075	19.274	4.79
9/28/2013 14:40	3228	2.076	19.274	4.793
9/28/2013 14:41	3288	2.077	19.276	4.796
9/28/2013 14:42	3348	2.076	19.274	4.794
9/28/2013 14:43	3408	2.078	19.277	4.797
9/28/2013 14:44	3468	2.078	19.278	4.797

Report Date:	10/2/2013 14:12			
Report User Name:	virginia.bracht			
Report Computer Name:	1YSXLG1			
Application:	WinSitu.exe			
Application Version:	5.6.21.0			

Log File Properties

File Name	106157-8 2013-09-28 16.01.48.wsl			
Create Date	9/28/2013 16:01			

Device Properties

Device	Level TROLL 700			
Site	KAFB			
Device Name				
Serial Number	350471			
Firmware Version	2.09			
Hardware Version	3			
Device Address	1			
Device Comm Cfg	19200	8 Even		1 (Modbus-RTU)
Used Memory	10			
Used Battery	0			

Log Configuration

Log Name	106457-8
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 2:48:41 PM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.78758 (ft)
Head Pressure:	2.07347 (PSI)
Temperature:	19.3729 (C)

Log Notes:

Date and Time	Note
9/28/2013 14:46	Used Battery: 0% Used Memory: 12% User Name: Unknown
9/28/2013 14:46	Manual Start Command
9/28/2013 15:59	Log Download - Used Battery: 0% Used Memory: 12% User Name: Unknown

Log Data:

Record Count	169	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 14:46	0	2.049	19.295	4.731
9/28/2013 14:46	0.25	2.044	19.313	4.72
9/28/2013 14:46	0.5	2.025	19.326	4.676
9/28/2013 14:46	0.75	2.01	19.34	4.641
9/28/2013 14:46	1	1.999	19.341	4.617
9/28/2013 14:46	1.25	1.989	19.351	4.592
9/28/2013 14:46	1.5	1.979	19.353	4.57
9/28/2013 14:46	1.977	1.962	19.343	4.53
9/28/2013 14:46	2.196	1.952	19.353	4.508
9/28/2013 14:46	2.415	1.945	19.362	4.491
9/28/2013 14:46	2.786	1.932	19.353	4.461
9/28/2013 14:46	3.006	1.922	19.364	4.438
9/28/2013 14:46	3.226	1.919	19.371	4.43
9/28/2013 14:46	3.445	1.91	19.375	4.41
9/28/2013 14:46	3.664	1.904	19.38	4.397
9/28/2013 14:46	3.883	1.896	19.379	4.378
9/28/2013 14:46	4.103	1.893	19.383	4.37
9/28/2013 14:46	4.322	1.884	19.384	4.349
9/28/2013 14:46	4.54	1.88	19.389	4.341
9/28/2013 14:46	4.759	1.873	19.387	4.324
9/28/2013 14:46	5	1.866	19.39	4.309
9/28/2013 14:46	5.25	1.86	19.386	4.295
9/28/2013 14:46	5.5	1.853	19.386	4.278
9/28/2013 14:46	5.75	1.848	19.386	4.267
9/28/2013 14:46	6	1.843	19.389	4.255
9/28/2013 14:46	6.36	1.832	19.377	4.229
9/28/2013 14:46	6.72	1.826	19.375	4.215
9/28/2013 14:46	7.14	1.816	19.368	4.192
9/28/2013 14:46	7.56	1.807	19.363	4.173
9/28/2013 14:46	7.98	1.798	19.358	4.152
9/28/2013 14:46	8.461	1.79	19.358	4.132
9/28/2013 14:46	9	1.78	19.353	4.109
9/28/2013 14:46	9.48	1.771	19.354	4.089
9/28/2013 14:46	10.081	1.758	19.35	4.06
9/28/2013 14:46	10.681	1.75	19.348	4.042
9/28/2013 14:46	11.28	1.741	19.345	4.021
9/28/2013 14:46	11.94	1.73	19.343	3.995
9/28/2013 14:46	12.66	1.72	19.34	3.972
9/28/2013 14:46	13.44	1.709	19.339	3.946
9/28/2013 14:46	14.22	1.699	19.338	3.923
9/28/2013 14:46	15.06	1.689	19.338	3.899
9/28/2013 14:46	15.96	1.678	19.336	3.875
9/28/2013 14:46	16.92	1.669	19.334	3.854
9/28/2013 14:46	17.88	1.656	19.333	3.823
9/28/2013 14:46	19.081	1.646	19.35	3.8
9/28/2013 14:46	20.1	1.636	19.34	3.776
9/28/2013 14:46	21.3	1.625	19.35	3.752
9/28/2013 14:46	22.56	1.615	19.336	3.729
9/28/2013 14:46	23.88	1.604	19.343	3.705
9/28/2013 14:46	25.32	1.594	19.351	3.681
9/28/2013 14:47	26.82	1.586	19.336	3.662
9/28/2013 14:47	28.38	1.577	19.333	3.641
9/28/2013 14:47	30.06	1.566	19.333	3.616
9/28/2013 14:47	31.86	1.557	19.331	3.596
9/28/2013 14:47	33.72	1.549	19.328	3.576
9/28/2013 14:47	35.76	1.541	19.326	3.557
9/28/2013 14:47	37.86	1.531	19.327	3.535
9/28/2013 14:47	40.08	1.524	19.325	3.518
9/28/2013 14:47	42.48	1.514	19.325	3.496
9/28/2013 14:47	45	1.507	19.324	3.479
9/28/2013 14:47	47.64	1.5	19.323	3.463
9/28/2013 14:47	50.46	1.491	19.32	3.443
9/28/2013 14:47	53.46	1.483	19.318	3.425
9/28/2013 14:47	56.64	1.476	19.32	3.408
9/28/2013 14:47	60	1.468	19.315	3.39
9/28/2013 14:47	63.6	1.463	19.315	3.377
9/28/2013 14:47	67.2	1.456	19.314	3.362
9/28/2013 14:47	71.4	1.448	19.316	3.343
9/28/2013 14:47	75.6	1.442	19.306	3.329
9/28/2013 14:47	79.8	1.437	19.309	3.318

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 14:47	84.6	1.43	19.306	3.302
9/28/2013 14:48	90	1.425	19.307	3.291
9/28/2013 14:48	94.8	1.42	19.303	3.278
9/28/2013 14:48	100.8	1.414	19.3	3.264
9/28/2013 14:48	106.8	1.408	19.302	3.25
9/28/2013 14:48	112.8	1.404	19.299	3.242
9/28/2013 14:48	119.4	1.399	19.296	3.231
9/28/2013 14:48	126.6	1.394	19.296	3.218
9/28/2013 14:48	134.4	1.387	19.296	3.203
9/28/2013 14:48	142.2	1.383	19.295	3.194
9/28/2013 14:49	150.6	1.379	19.292	3.184
9/28/2013 14:49	159.6	1.372	19.292	3.169
9/28/2013 14:49	169.2	1.368	19.286	3.159
9/28/2013 14:49	178.8	1.364	19.286	3.149
9/28/2013 14:49	189.6	1.36	19.283	3.139
9/28/2013 14:49	201	1.357	19.28	3.133
9/28/2013 14:50	213	1.353	19.279	3.123
9/28/2013 14:50	225.6	1.348	19.279	3.113
9/28/2013 14:50	238.8	1.341	19.274	3.097
9/28/2013 14:50	253.2	1.339	19.273	3.091
9/28/2013 14:51	268.2	1.334	19.271	3.079
9/28/2013 14:51	283.8	1.332	19.267	3.075
9/28/2013 14:51	300.6	1.326	19.264	3.063
9/28/2013 14:51	318.6	1.323	19.263	3.054
9/28/2013 14:52	337.2	1.316	19.259	3.04
9/28/2013 14:52	357.6	1.313	19.257	3.032
9/28/2013 14:52	378.6	1.31	19.252	3.024
9/28/2013 14:53	400.8	1.304	19.254	3.012
9/28/2013 14:53	424.8	1.303	19.252	3.009
9/28/2013 14:54	450	1.299	19.252	2.998
9/28/2013 14:54	476.4	1.297	19.251	2.996
9/28/2013 14:54	504.6	1.293	19.248	2.985
9/28/2013 14:55	534.6	1.287	19.246	2.971
9/28/2013 14:56	566.4	1.285	19.245	2.967
9/28/2013 14:56	600	1.283	19.24	2.961
9/28/2013 14:57	636	1.28	19.241	2.956
9/28/2013 14:57	672	1.278	19.236	2.95
9/28/2013 14:58	714	1.275	19.232	2.944
9/28/2013 14:59	756	1.27	19.236	2.931
9/28/2013 14:59	798	1.268	19.23	2.929
9/28/2013 15:00	846	1.267	19.23	2.927
9/28/2013 15:01	900	1.263	19.228	2.916
9/28/2013 15:02	948	1.261	19.228	2.911
9/28/2013 15:03	1008	1.259	19.228	2.906
9/28/2013 15:04	1068	1.255	19.226	2.897
9/28/2013 15:05	1128	1.254	19.226	2.896
9/28/2013 15:06	1188	1.7	19.224	3.924
9/28/2013 15:07	1248	1.946	19.231	4.493
9/28/2013 15:08	1308	1.99	19.231	4.596
9/28/2013 15:09	1368	2.019	19.23	4.662
9/28/2013 15:10	1428	2.032	19.235	4.691
9/28/2013 15:11	1488	2.045	19.236	4.722
9/28/2013 15:12	1548	2.051	19.24	4.736
9/28/2013 15:13	1608	2.056	19.242	4.748
9/28/2013 15:14	1668	2.059	19.243	4.754
9/28/2013 15:15	1728	2.077	19.246	4.797
9/28/2013 15:16	1788	2.066	19.249	4.77
9/28/2013 15:17	1848	2.065	19.254	4.768
9/28/2013 15:18	1908	2.068	19.256	4.774
9/28/2013 15:19	1968	2.069	19.264	4.778
9/28/2013 15:20	2028	2.071	19.265	4.781
9/28/2013 15:21	2088	2.072	19.268	4.784
9/28/2013 15:22	2148	2.072	19.273	4.783
9/28/2013 15:23	2208	2.075	19.273	4.791
9/28/2013 15:24	2268	2.076	19.272	4.794
9/28/2013 15:25	2328	2.077	19.273	4.796
9/28/2013 15:26	2388	2.073	19.278	4.786
9/28/2013 15:27	2448	2.079	19.28	4.8
9/28/2013 15:28	2508	2.08	19.282	4.803
9/28/2013 15:29	2568	2.081	19.284	4.806

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 15:30	2628	2.083	19.284	4.81
9/28/2013 15:31	2688	2.084	19.283	4.812
9/28/2013 15:32	2748	2.082	19.283	4.806
9/28/2013 15:33	2808	2.083	19.283	4.808
9/28/2013 15:34	2868	2.084	19.285	4.811
9/28/2013 15:35	2928	2.084	19.286	4.812
9/28/2013 15:36	2988	2.084	19.284	4.813
9/28/2013 15:37	3048	2.085	19.284	4.814
9/28/2013 15:38	3108	2.086	19.283	4.816
9/28/2013 15:39	3168	2.086	19.284	4.817
9/28/2013 15:40	3228	2.086	19.285	4.817
9/28/2013 15:41	3288	2.087	19.283	4.82
9/28/2013 15:42	3348	2.087	19.284	4.819
9/28/2013 15:43	3408	2.089	19.286	4.824
9/28/2013 15:44	3468	2.087	19.284	4.818
9/28/2013 15:45	3528	2.088	19.284	4.822
9/28/2013 15:46	3588	2.088	19.283	4.821
9/28/2013 15:47	3648	2.088	19.282	4.821
9/28/2013 15:48	3708	2.089	19.282	4.824
9/28/2013 15:49	3768	2.089	19.281	4.824
9/28/2013 15:50	3828	2.089	19.284	4.824
9/28/2013 15:51	3888	2.089	19.281	4.823
9/28/2013 15:52	3948	2.091	19.28	4.827
9/28/2013 15:53	4008	2.09	19.282	4.826
9/28/2013 15:54	4068	2.091	19.282	4.827
9/28/2013 15:55	4128	2.091	19.28	4.829
9/28/2013 15:56	4188	2.093	19.279	4.833
9/28/2013 15:57	4248	2.091	19.278	4.827
9/28/2013 15:58	4308	2.092	19.28	4.83

Report Date:	10/2/2013 14:12
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-9 2013-09-29 07.57.21.wsl
Create Date	9/29/2013 7:57

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	12		
Used Battery	0		

Log Configuration

Log Name	106157-9
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/28/2013 4:03:13 PM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.82121 (ft)
Head Pressure:	2.08803 (PSI)
Temperature:	19.3714 (C)

Log Notes:

Date and Time	Note
9/28/2013 16:00	Used Battery: 0% Used Memory: 14% User Name: Unknown
9/28/2013 16:01	Manual Start Command
9/29/2013 7:54	Log Download - Used Battery: 0% Used Memory: 14% User Name: Unknown

Log Data:

Record Count	1050	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 16:01	0	2.094	19.291	4.835
9/28/2013 16:01	0.251	2.094	19.311	4.835
9/28/2013 16:01	0.501	2.093	19.325	4.833
9/28/2013 16:01	0.751	2.094	19.333	4.835
9/28/2013 16:01	1.001	2.093	19.339	4.833
9/28/2013 16:01	1.476	2.096	19.334	4.839
9/28/2013 16:01	1.696	2.094	19.345	4.836
9/28/2013 16:01	1.915	2.094	19.354	4.835
9/28/2013 16:01	2.337	2.095	19.345	4.838
9/28/2013 16:01	2.556	2.094	19.354	4.836
9/28/2013 16:01	2.775	2.093	19.361	4.833
9/28/2013 16:01	2.994	2.094	19.366	4.834
9/28/2013 16:01	3.213	2.093	19.373	4.834
9/28/2013 16:01	3.432	2.094	19.373	4.835
9/28/2013 16:01	3.651	2.094	19.378	4.834
9/28/2013 16:01	3.869	2.094	19.378	4.834
9/28/2013 16:01	4.089	2.092	19.383	4.83
9/28/2013 16:01	4.308	2.093	19.386	4.833
9/28/2013 16:01	4.527	2.093	19.387	4.833
9/28/2013 16:01	4.746	2.094	19.385	4.836
9/28/2013 16:01	5.001	2.093	19.386	4.832
9/28/2013 16:01	5.251	2.093	19.384	4.833
9/28/2013 16:01	5.501	2.093	19.387	4.833
9/28/2013 16:01	5.751	2.077	19.387	4.796
9/28/2013 16:01	6.001	2.053	19.387	4.739
9/28/2013 16:01	6.36	2.062	19.373	4.762
9/28/2013 16:01	6.72	2.048	19.371	4.728
9/28/2013 16:01	7.14	2.023	19.368	4.671
9/28/2013 16:01	7.56	2.003	19.361	4.625
9/28/2013 16:01	7.98	1.986	19.359	4.585
9/28/2013 16:01	8.461	1.969	19.356	4.547
9/28/2013 16:01	9.001	1.949	19.35	4.501
9/28/2013 16:01	9.48	1.935	19.351	4.467
9/28/2013 16:01	10.08	1.916	19.344	4.425
9/28/2013 16:01	10.68	1.901	19.346	4.39
9/28/2013 16:01	11.435	1.882	19.363	4.346
9/28/2013 16:01	12.286	1.865	19.362	4.307
9/28/2013 16:01	12.66	1.855	19.363	4.282
9/28/2013 16:01	13.44	1.84	19.348	4.248
9/28/2013 16:01	14.287	1.821	19.363	4.204
9/28/2013 16:01	15.06	1.808	19.346	4.175
9/28/2013 16:01	16.27	1.789	19.36	4.13
9/28/2013 16:01	16.92	1.78	19.351	4.11
9/28/2013 16:01	18.27	1.759	19.355	4.061
9/28/2013 16:01	18.96	1.749	19.35	4.038
9/28/2013 16:01	20.272	1.732	19.358	3.999
9/28/2013 16:01	21.3	1.718	19.342	3.968
9/28/2013 16:01	22.56	1.706	19.351	3.94
9/28/2013 16:01	24.272	1.692	19.356	3.907
9/28/2013 16:01	25.32	1.679	19.343	3.877
9/28/2013 16:01	26.82	1.666	19.348	3.848
9/28/2013 16:01	28.38	1.652	19.357	3.813
9/28/2013 16:01	30.274	1.639	19.359	3.783
9/28/2013 16:01	32.275	1.625	19.356	3.751
9/28/2013 16:02	33.72	1.616	19.341	3.732
9/28/2013 16:02	36.274	1.602	19.359	3.698
9/28/2013 16:02	38.323	1.592	19.361	3.676
9/28/2013 16:02	40.322	1.582	19.361	3.653
9/28/2013 16:02	42.48	1.574	19.354	3.634
9/28/2013 16:02	45	1.561	19.348	3.603
9/28/2013 16:02	47.64	1.554	19.345	3.587
9/28/2013 16:02	50.46	1.541	19.362	3.559
9/28/2013 16:02	53.46	1.534	19.35	3.542
9/28/2013 16:02	56.64	1.527	19.364	3.525
9/28/2013 16:02	60.317	1.515	19.374	3.498
9/28/2013 16:02	63.6	1.511	19.359	3.488

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 16:02	67.2	1.501	19.362	3.466
9/28/2013 16:02	71.4	1.493	19.365	3.447
9/28/2013 16:02	75.6	1.486	19.365	3.431
9/28/2013 16:02	79.8	1.481	19.371	3.419
9/28/2013 16:02	84.6	1.474	19.389	3.404
9/28/2013 16:02	90	1.466	19.369	3.384
9/28/2013 16:03	94.8	1.461	19.37	3.373
9/28/2013 16:03	100.8	1.455	19.373	3.359
9/28/2013 16:03	106.8	1.45	19.373	3.348
9/28/2013 16:03	112.8	1.443	19.375	3.331
9/28/2013 16:03	119.4	1.438	19.381	3.32
9/28/2013 16:03	126.6	1.431	19.381	3.303
9/28/2013 16:03	134.4	1.424	19.382	3.289
9/28/2013 16:03	142.2	1.421	19.384	3.282
9/28/2013 16:03	150.6	1.414	19.389	3.265
9/28/2013 16:04	159.6	1.411	19.389	3.258
9/28/2013 16:04	169.2	1.407	19.387	3.248
9/28/2013 16:04	178.8	1.404	19.386	3.242
9/28/2013 16:04	189.6	1.399	19.386	3.229
9/28/2013 16:04	201	1.392	19.383	3.215
9/28/2013 16:05	213	1.387	19.384	3.203
9/28/2013 16:05	225.6	1.383	19.384	3.193
9/28/2013 16:05	238.8	1.377	19.383	3.179
9/28/2013 16:05	253.2	1.373	19.383	3.17
9/28/2013 16:05	268.2	1.369	19.377	3.161
9/28/2013 16:06	283.8	1.363	19.38	3.146
9/28/2013 16:06	300.6	1.359	19.374	3.138
9/28/2013 16:06	318.6	1.356	19.37	3.131
9/28/2013 16:07	337.2	1.353	19.367	3.124
9/28/2013 16:07	357.6	1.35	19.366	3.117
9/28/2013 16:07	378.6	1.347	19.358	3.11
9/28/2013 16:08	400.8	1.343	19.357	3.101
9/28/2013 16:08	424.8	1.338	19.354	3.09
9/28/2013 16:08	450	1.336	19.342	3.085
9/28/2013 16:09	476.4	1.331	19.337	3.073
9/28/2013 16:09	504.6	1.328	19.327	3.065
9/28/2013 16:10	534.6	1.324	19.318	3.058
9/28/2013 16:10	566.4	1.323	19.314	3.055
9/28/2013 16:11	600	1.319	19.311	3.046
9/28/2013 16:12	636	1.319	19.312	3.045
9/28/2013 16:12	672	1.315	19.317	3.037
9/28/2013 16:13	714	1.311	19.311	3.026
9/28/2013 16:14	756	1.311	19.301	3.026
9/28/2013 16:14	798	1.311	19.287	3.026
9/28/2013 16:15	846	1.306	19.285	3.017
9/28/2013 16:16	900	1.3	19.287	3.002
9/28/2013 16:17	948	1.301	19.287	3.005
9/28/2013 16:18	1008	1.297	19.292	2.995
9/28/2013 16:19	1068	1.293	19.294	2.985
9/28/2013 16:20	1128	1.292	19.288	2.984
9/28/2013 16:21	1188	1.687	19.29	3.895
9/28/2013 16:22	1248	1.961	19.283	4.527
9/28/2013 16:23	1308	2.005	19.28	4.63
9/28/2013 16:24	1368	2.029	19.276	4.685
9/28/2013 16:25	1428	2.043	19.276	4.717
9/28/2013 16:26	1488	2.053	19.278	4.741
9/28/2013 16:27	1548	2.06	19.279	4.756
9/28/2013 16:28	1608	2.065	19.28	4.769
9/28/2013 16:29	1668	2.069	19.284	4.778
9/28/2013 16:30	1728	2.074	19.286	4.788
9/28/2013 16:31	1788	2.077	19.287	4.796
9/28/2013 16:32	1848	2.078	19.285	4.799
9/28/2013 16:33	1908	2.08	19.287	4.803
9/28/2013 16:34	1968	2.082	19.289	4.808
9/28/2013 16:35	2028	2.081	19.289	4.805
9/28/2013 16:36	2088	2.084	19.29	4.812

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 16:37	2148	2.083	19.288	4.809
9/28/2013 16:38	2208	2.085	19.29	4.814
9/28/2013 16:39	2268	2.087	19.293	4.818
9/28/2013 16:40	2328	2.087	19.295	4.819
9/28/2013 16:41	2388	2.087	19.291	4.819
9/28/2013 16:42	2448	2.087	19.295	4.818
9/28/2013 16:43	2508	2.089	19.293	4.823
9/28/2013 16:44	2568	2.089	19.294	4.822
9/28/2013 16:45	2628	2.089	19.29	4.824
9/28/2013 16:46	2688	2.089	19.29	4.824
9/28/2013 16:47	2748	2.089	19.292	4.823
9/28/2013 16:48	2808	2.09	19.294	4.826
9/28/2013 16:49	2868	2.091	19.289	4.829
9/28/2013 16:50	2928	2.093	19.293	4.832
9/28/2013 16:51	2988	2.092	19.293	4.831
9/28/2013 16:52	3048	2.092	19.291	4.83
9/28/2013 16:53	3108	2.094	19.294	4.835
9/28/2013 16:54	3168	2.093	19.291	4.832
9/28/2013 16:55	3228	2.092	19.292	4.83
9/28/2013 16:56	3288	2.093	19.291	4.832
9/28/2013 16:57	3348	2.094	19.289	4.834
9/28/2013 16:58	3408	2.094	19.291	4.836
9/28/2013 16:59	3468	2.093	19.289	4.833
9/28/2013 17:00	3528	2.094	19.289	4.836
9/28/2013 17:01	3588	2.094	19.29	4.834
9/28/2013 17:02	3648	2.094	19.288	4.834
9/28/2013 17:03	3708	2.095	19.293	4.837
9/28/2013 17:04	3768	2.094	19.288	4.834
9/28/2013 17:05	3828	2.095	19.291	4.836
9/28/2013 17:06	3888	2.095	19.292	4.838
9/28/2013 17:07	3948	2.094	19.29	4.836
9/28/2013 17:08	4008	2.096	19.293	4.841
9/28/2013 17:09	4068	2.096	19.291	4.84
9/28/2013 17:10	4128	2.095	19.293	4.837
9/28/2013 17:11	4188	2.096	19.292	4.839
9/28/2013 17:12	4248	2.096	19.288	4.839
9/28/2013 17:13	4308	2.096	19.292	4.84
9/28/2013 17:14	4368	2.095	19.29	4.838
9/28/2013 17:15	4428	2.096	19.288	4.839
9/28/2013 17:16	4488	2.095	19.288	4.837
9/28/2013 17:17	4548	2.095	19.289	4.838
9/28/2013 17:18	4608	2.097	19.287	4.843
9/28/2013 17:19	4668	2.096	19.287	4.84
9/28/2013 17:20	4728	2.095	19.287	4.838
9/28/2013 17:21	4788	2.095	19.287	4.837
9/28/2013 17:22	4848	2.095	19.284	4.837
9/28/2013 17:23	4908	2.094	19.288	4.836
9/28/2013 17:24	4968	2.096	19.284	4.84
9/28/2013 17:25	5028	2.095	19.284	4.837
9/28/2013 17:26	5088	2.096	19.281	4.84
9/28/2013 17:27	5148	2.095	19.283	4.838
9/28/2013 17:28	5208	2.097	19.281	4.841
9/28/2013 17:29	5268	2.096	19.281	4.839
9/28/2013 17:30	5328	2.097	19.283	4.842
9/28/2013 17:31	5388	2.097	19.281	4.842
9/28/2013 17:32	5448	2.095	19.28	4.837
9/28/2013 17:33	5508	2.097	19.277	4.842
9/28/2013 17:34	5568	2.097	19.275	4.841
9/28/2013 17:35	5628	2.096	19.272	4.839
9/28/2013 17:36	5688	2.095	19.276	4.838
9/28/2013 17:37	5748	2.098	19.274	4.845
9/28/2013 17:38	5808	2.095	19.273	4.837
9/28/2013 17:39	5868	2.098	19.271	4.843
9/28/2013 17:40	5928	2.098	19.275	4.843
9/28/2013 17:41	5988	2.098	19.269	4.844
9/28/2013 17:42	6048	2.096	19.27	4.84

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 17:43	6108	2.097	19.268	4.842
9/28/2013 17:44	6168	2.098	19.268	4.845
9/28/2013 17:45	6228	2.097	19.267	4.841
9/28/2013 17:46	6288	2.097	19.264	4.842
9/28/2013 17:47	6348	2.097	19.266	4.842
9/28/2013 17:48	6408	2.097	19.264	4.841
9/28/2013 17:49	6468	2.097	19.259	4.842
9/28/2013 17:50	6528	2.097	19.257	4.841
9/28/2013 17:51	6588	2.097	19.255	4.843
9/28/2013 17:52	6648	2.097	19.251	4.841
9/28/2013 17:53	6708	2.097	19.245	4.841
9/28/2013 17:54	6768	2.097	19.241	4.842
9/28/2013 17:55	6828	2.097	19.243	4.841
9/28/2013 17:56	6888	2.098	19.237	4.843
9/28/2013 17:57	6948	2.098	19.24	4.844
9/28/2013 17:58	7008	2.098	19.24	4.844
9/28/2013 17:59	7068	2.098	19.24	4.845
9/28/2013 18:00	7128	2.098	19.241	4.843
9/28/2013 18:01	7188	2.099	19.236	4.846
9/28/2013 18:02	7248	2.098	19.242	4.845
9/28/2013 18:03	7308	2.098	19.238	4.843
9/28/2013 18:04	7368	2.099	19.24	4.846
9/28/2013 18:05	7428	2.098	19.237	4.844
9/28/2013 18:06	7488	2.099	19.24	4.847
9/28/2013 18:07	7548	2.098	19.237	4.844
9/28/2013 18:08	7608	2.099	19.237	4.847
9/28/2013 18:09	7668	2.099	19.236	4.847
9/28/2013 18:10	7728	2.099	19.23	4.847
9/28/2013 18:11	7788	2.099	19.229	4.845
9/28/2013 18:12	7848	2.098	19.229	4.845
9/28/2013 18:13	7908	2.098	19.231	4.845
9/28/2013 18:14	7968	2.1	19.227	4.848
9/28/2013 18:15	8028	2.098	19.22	4.845
9/28/2013 18:16	8088	2.098	19.217	4.845
9/28/2013 18:17	8148	2.098	19.218	4.844
9/28/2013 18:18	8208	2.1	19.214	4.849
9/28/2013 18:19	8268	2.1	19.221	4.849
9/28/2013 18:20	8328	2.098	19.224	4.844
9/28/2013 18:21	8388	2.098	19.224	4.845
9/28/2013 18:22	8448	2.097	19.221	4.842
9/28/2013 18:23	8508	2.098	19.222	4.845
9/28/2013 18:24	8568	2.099	19.221	4.847
9/28/2013 18:25	8628	2.098	19.225	4.845
9/28/2013 18:26	8688	2.099	19.227	4.845
9/28/2013 18:27	8748	2.098	19.225	4.845
9/28/2013 18:28	8808	2.099	19.227	4.846
9/28/2013 18:29	8868	2.099	19.228	4.846
9/28/2013 18:30	8928	2.099	19.226	4.846
9/28/2013 18:31	8988	2.099	19.22	4.847
9/28/2013 18:32	9048	2.099	19.213	4.846
9/28/2013 18:33	9108	2.099	19.216	4.846
9/28/2013 18:34	9168	2.099	19.215	4.846
9/28/2013 18:35	9228	2.097	19.212	4.842
9/28/2013 18:36	9288	2.097	19.214	4.843
9/28/2013 18:37	9348	2.1	19.21	4.848
9/28/2013 18:38	9408	2.099	19.208	4.847
9/28/2013 18:39	9468	2.1	19.215	4.848
9/28/2013 18:40	9528	2.099	19.221	4.847
9/28/2013 18:41	9588	2.1	19.219	4.848
9/28/2013 18:42	9648	2.1	19.216	4.848
9/28/2013 18:43	9708	2.1	19.217	4.848
9/28/2013 18:44	9768	2.099	19.221	4.847
9/28/2013 18:45	9828	2.1	19.221	4.848
9/28/2013 18:46	9888	2.1	19.22	4.848
9/28/2013 18:47	9948	2.099	19.221	4.846
9/28/2013 18:48	10008	2.099	19.219	4.846

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 18:49	10068	2.099	19.221	4.845
9/28/2013 18:50	10128	2.099	19.217	4.846
9/28/2013 18:51	10188	2.099	19.212	4.846
9/28/2013 18:52	10248	2.099	19.209	4.848
9/28/2013 18:53	10308	2.1	19.208	4.848
9/28/2013 18:54	10368	2.101	19.21	4.85
9/28/2013 18:55	10428	2.099	19.212	4.847
9/28/2013 18:56	10488	2.098	19.217	4.844
9/28/2013 18:57	10548	2.1	19.215	4.848
9/28/2013 18:58	10608	2.099	19.211	4.847
9/28/2013 18:59	10668	2.099	19.212	4.846
9/28/2013 19:00	10728	2.099	19.217	4.848
9/28/2013 19:01	10788	2.099	19.216	4.846
9/28/2013 19:02	10848	2.101	19.213	4.85
9/28/2013 19:03	10908	2.1	19.208	4.849
9/28/2013 19:04	10968	2.099	19.202	4.846
9/28/2013 19:05	11028	2.1	19.203	4.848
9/28/2013 19:06	11088	2.099	19.204	4.847
9/28/2013 19:07	11148	2.099	19.205	4.846
9/28/2013 19:08	11208	2.1	19.206	4.848
9/28/2013 19:09	11268	2.099	19.2	4.846
9/28/2013 19:10	11328	2.098	19.202	4.844
9/28/2013 19:11	11388	2.098	19.2	4.845
9/28/2013 19:12	11448	2.1	19.199	4.848
9/28/2013 19:13	11508	2.098	19.197	4.843
9/28/2013 19:14	11568	2.1	19.202	4.848
9/28/2013 19:15	11628	2.099	19.2	4.846
9/28/2013 19:16	11688	2.098	19.203	4.844
9/28/2013 19:17	11748	2.098	19.201	4.843
9/28/2013 19:18	11808	2.098	19.199	4.845
9/28/2013 19:19	11868	2.099	19.196	4.847
9/28/2013 19:20	11928	2.1	19.192	4.848
9/28/2013 19:21	11988	2.098	19.189	4.845
9/28/2013 19:22	12048	2.099	19.191	4.846
9/28/2013 19:23	12108	2.099	19.198	4.845
9/28/2013 19:24	12168	2.098	19.196	4.844
9/28/2013 19:25	12228	2.099	19.201	4.847
9/28/2013 19:26	12288	2.098	19.202	4.844
9/28/2013 19:27	12348	2.099	19.204	4.847
9/28/2013 19:28	12408	2.099	19.199	4.846
9/28/2013 19:29	12468	2.099	19.204	4.846
9/28/2013 19:30	12528	2.098	19.205	4.845
9/28/2013 19:31	12588	2.099	19.205	4.846
9/28/2013 19:32	12648	2.098	19.206	4.844
9/28/2013 19:33	12708	2.099	19.204	4.846
9/28/2013 19:34	12768	2.099	19.202	4.846
9/28/2013 19:35	12828	2.098	19.199	4.844
9/28/2013 19:36	12888	2.098	19.193	4.845
9/28/2013 19:37	12948	2.097	19.195	4.841
9/28/2013 19:38	13008	2.098	19.196	4.844
9/28/2013 19:39	13068	2.098	19.198	4.843
9/28/2013 19:40	13128	2.097	19.191	4.842
9/28/2013 19:41	13188	2.097	19.192	4.843
9/28/2013 19:42	13248	2.098	19.188	4.843
9/28/2013 19:43	13308	2.097	19.19	4.842
9/28/2013 19:44	13368	2.097	19.193	4.841
9/28/2013 19:45	13428	2.097	19.2	4.841
9/28/2013 19:46	13488	2.097	19.201	4.843
9/28/2013 19:47	13548	2.096	19.199	4.839
9/28/2013 19:48	13608	2.095	19.194	4.837
9/28/2013 19:49	13668	2.097	19.194	4.841
9/28/2013 19:50	13728	2.095	19.193	4.838
9/28/2013 19:51	13788	2.096	19.193	4.84
9/28/2013 19:52	13848	2.096	19.197	4.839
9/28/2013 19:53	13908	2.096	19.196	4.841
9/28/2013 19:54	13968	2.097	19.196	4.841

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 19:55	14028	2.096	19.191	4.839
9/28/2013 19:56	14088	2.096	19.192	4.839
9/28/2013 19:57	14148	2.095	19.19	4.838
9/28/2013 19:58	14208	2.096	19.194	4.839
9/28/2013 19:59	14268	2.096	19.196	4.84
9/28/2013 20:00	14328	2.095	19.2	4.837
9/28/2013 20:01	14388	2.095	19.206	4.838
9/28/2013 20:02	14448	2.093	19.203	4.833
9/28/2013 20:03	14508	2.094	19.195	4.835
9/28/2013 20:04	14568	2.096	19.192	4.839
9/28/2013 20:05	14628	2.094	19.187	4.834
9/28/2013 20:06	14688	2.095	19.188	4.837
9/28/2013 20:07	14748	2.094	19.19	4.835
9/28/2013 20:08	14808	2.095	19.189	4.837
9/28/2013 20:09	14868	2.094	19.189	4.835
9/28/2013 20:10	14928	2.094	19.186	4.834
9/28/2013 20:11	14988	2.092	19.185	4.831
9/28/2013 20:12	15048	2.094	19.185	4.834
9/28/2013 20:13	15108	2.092	19.184	4.831
9/28/2013 20:14	15168	2.093	19.187	4.832
9/28/2013 20:15	15228	2.093	19.181	4.832
9/28/2013 20:16	15288	2.092	19.179	4.831
9/28/2013 20:17	15348	2.094	19.181	4.835
9/28/2013 20:18	15408	2.093	19.183	4.833
9/28/2013 20:19	15468	2.093	19.183	4.833
9/28/2013 20:20	15528	2.093	19.181	4.832
9/28/2013 20:21	15588	2.093	19.183	4.833
9/28/2013 20:22	15648	2.093	19.184	4.833
9/28/2013 20:23	15708	2.093	19.19	4.832
9/28/2013 20:24	15768	2.092	19.184	4.83
9/28/2013 20:25	15828	2.093	19.183	4.832
9/28/2013 20:26	15888	2.091	19.179	4.828
9/28/2013 20:27	15948	2.093	19.18	4.833
9/28/2013 20:28	16008	2.092	19.176	4.83
9/28/2013 20:29	16068	2.094	19.176	4.834
9/28/2013 20:30	16128	2.091	19.176	4.829
9/28/2013 20:31	16188	2.091	19.176	4.829
9/28/2013 20:32	16248	2.092	19.18	4.831
9/28/2013 20:33	16308	2.091	19.176	4.827
9/28/2013 20:34	16368	2.092	19.175	4.83
9/28/2013 20:35	16428	2.092	19.171	4.83
9/28/2013 20:36	16488	2.091	19.174	4.829
9/28/2013 20:37	16548	2.091	19.178	4.829
9/28/2013 20:38	16608	2.091	19.179	4.829
9/28/2013 20:39	16668	2.09	19.18	4.827
9/28/2013 20:40	16728	2.091	19.183	4.827
9/28/2013 20:41	16788	2.09	19.187	4.827
9/28/2013 20:42	16848	2.088	19.186	4.822
9/28/2013 20:43	16908	2.089	19.184	4.824
9/28/2013 20:44	16968	2.089	19.179	4.824
9/28/2013 20:45	17028	2.088	19.171	4.822
9/28/2013 20:46	17088	2.088	19.171	4.82
9/28/2013 20:47	17148	2.087	19.174	4.82
9/28/2013 20:48	17208	2.089	19.169	4.824
9/28/2013 20:49	17268	2.088	19.168	4.821
9/28/2013 20:50	17328	2.087	19.169	4.82
9/28/2013 20:51	17388	2.088	19.176	4.822
9/28/2013 20:52	17448	2.086	19.175	4.818
9/28/2013 20:53	17508	2.088	19.169	4.821
9/28/2013 20:54	17568	2.088	19.17	4.82
9/28/2013 20:55	17628	2.087	19.173	4.819
9/28/2013 20:56	17688	2.087	19.168	4.819
9/28/2013 20:57	17748	2.086	19.171	4.817
9/28/2013 20:58	17808	2.087	19.171	4.819
9/28/2013 20:59	17868	2.087	19.173	4.818
9/28/2013 21:00	17928	2.088	19.175	4.821

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 21:01	17988	2.086	19.177	4.816
9/28/2013 21:02	18048	2.085	19.177	4.815
9/28/2013 21:03	18108	2.086	19.179	4.816
9/28/2013 21:04	18168	2.088	19.184	4.821
9/28/2013 21:05	18228	2.085	19.179	4.813
9/28/2013 21:06	18288	2.086	19.18	4.817
9/28/2013 21:07	18348	2.086	19.182	4.817
9/28/2013 21:08	18408	2.086	19.182	4.816
9/28/2013 21:09	18468	2.087	19.178	4.819
9/28/2013 21:10	18528	2.086	19.172	4.816
9/28/2013 21:11	18588	2.087	19.171	4.818
9/28/2013 21:12	18648	2.085	19.163	4.814
9/28/2013 21:13	18708	2.085	19.162	4.813
9/28/2013 21:14	18768	2.086	19.168	4.816
9/28/2013 21:15	18828	2.085	19.17	4.815
9/28/2013 21:16	18888	2.084	19.173	4.812
9/28/2013 21:17	18948	2.085	19.163	4.813
9/28/2013 21:18	19008	2.086	19.167	4.816
9/28/2013 21:19	19068	2.085	19.165	4.814
9/28/2013 21:20	19128	2.083	19.163	4.81
9/28/2013 21:21	19188	2.086	19.159	4.816
9/28/2013 21:22	19248	2.086	19.16	4.817
9/28/2013 21:23	19308	2.084	19.161	4.811
9/28/2013 21:24	19368	2.085	19.158	4.815
9/28/2013 21:25	19428	2.085	19.157	4.815
9/28/2013 21:26	19488	2.086	19.157	4.816
9/28/2013 21:27	19548	2.084	19.153	4.813
9/28/2013 21:28	19608	2.085	19.155	4.813
9/28/2013 21:29	19668	2.084	19.152	4.812
9/28/2013 21:30	19728	2.085	19.151	4.813
9/28/2013 21:31	19788	2.085	19.153	4.814
9/28/2013 21:32	19848	2.085	19.149	4.813
9/28/2013 21:33	19908	2.084	19.149	4.812
9/28/2013 21:34	19968	2.084	19.151	4.812
9/28/2013 21:35	20028	2.083	19.152	4.808
9/28/2013 21:36	20088	2.083	19.155	4.808
9/28/2013 21:37	20148	2.083	19.157	4.81
9/28/2013 21:38	20208	2.084	19.157	4.812
9/28/2013 21:39	20268	2.083	19.154	4.811
9/28/2013 21:40	20328	2.084	19.155	4.812
9/28/2013 21:41	20388	2.083	19.152	4.81
9/28/2013 21:42	20448	2.083	19.15	4.809
9/28/2013 21:43	20508	2.083	19.148	4.811
9/28/2013 21:44	20568	2.083	19.151	4.811
9/28/2013 21:45	20628	2.084	19.155	4.811
9/28/2013 21:46	20688	2.083	19.155	4.809
9/28/2013 21:47	20748	2.082	19.158	4.808
9/28/2013 21:48	20808	2.083	19.157	4.809
9/28/2013 21:49	20868	2.084	19.153	4.811
9/28/2013 21:50	20928	2.083	19.146	4.81
9/28/2013 21:51	20988	2.082	19.145	4.808
9/28/2013 21:52	21048	2.082	19.145	4.808
9/28/2013 21:53	21108	2.084	19.156	4.812
9/28/2013 21:54	21168	2.083	19.157	4.81
9/28/2013 21:55	21228	2.084	19.153	4.812
9/28/2013 21:56	21288	2.084	19.145	4.811
9/28/2013 21:57	21348	2.083	19.145	4.81
9/28/2013 21:58	21408	2.083	19.146	4.81
9/28/2013 21:59	21468	2.084	19.152	4.812
9/28/2013 22:00	21528	2.082	19.15	4.808
9/28/2013 22:01	21588	2.084	19.148	4.811
9/28/2013 22:02	21648	2.084	19.142	4.811
9/28/2013 22:03	21708	2.084	19.143	4.811
9/28/2013 22:04	21768	2.083	19.145	4.81
9/28/2013 22:05	21828	2.084	19.14	4.812
9/28/2013 22:06	21888	2.084	19.138	4.812

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 22:07	21948	2.086	19.136	4.815
9/28/2013 22:08	22008	2.084	19.134	4.812
9/28/2013 22:09	22068	2.084	19.128	4.811
9/28/2013 22:10	22128	2.084	19.127	4.812
9/28/2013 22:11	22188	2.083	19.127	4.809
9/28/2013 22:12	22248	2.084	19.131	4.812
9/28/2013 22:13	22308	2.084	19.131	4.812
9/28/2013 22:14	22368	2.083	19.133	4.81
9/28/2013 22:15	22428	2.083	19.136	4.81
9/28/2013 22:16	22488	2.084	19.142	4.812
9/28/2013 22:17	22548	2.083	19.14	4.81
9/28/2013 22:18	22608	2.082	19.144	4.808
9/28/2013 22:19	22668	2.083	19.144	4.81
9/28/2013 22:20	22728	2.083	19.148	4.811
9/28/2013 22:21	22788	2.084	19.149	4.811
9/28/2013 22:22	22848	2.083	19.147	4.809
9/28/2013 22:23	22908	2.083	19.143	4.81
9/28/2013 22:24	22968	2.083	19.142	4.81
9/28/2013 22:25	23028	2.084	19.143	4.812
9/28/2013 22:26	23088	2.08	19.138	4.804
9/28/2013 22:27	23148	2.084	19.132	4.812
9/28/2013 22:28	23208	2.084	19.127	4.813
9/28/2013 22:29	23268	2.083	19.126	4.811
9/28/2013 22:30	23328	2.082	19.125	4.807
9/28/2013 22:31	23388	2.084	19.124	4.811
9/28/2013 22:32	23448	2.083	19.13	4.811
9/28/2013 22:33	23508	2.083	19.13	4.81
9/28/2013 22:34	23568	2.084	19.134	4.811
9/28/2013 22:35	23628	2.083	19.133	4.811
9/28/2013 22:36	23688	2.082	19.142	4.808
9/28/2013 22:37	23748	2.084	19.142	4.811
9/28/2013 22:38	23808	2.082	19.143	4.807
9/28/2013 22:39	23868	2.082	19.146	4.808
9/28/2013 22:40	23928	2.084	19.144	4.811
9/28/2013 22:41	23988	2.084	19.146	4.811
9/28/2013 22:42	24048	2.083	19.147	4.81
9/28/2013 22:43	24108	2.084	19.14	4.812
9/28/2013 22:44	24168	2.083	19.134	4.81
9/28/2013 22:45	24228	2.083	19.128	4.81
9/28/2013 22:46	24288	2.083	19.129	4.81
9/28/2013 22:47	24348	2.084	19.131	4.812
9/28/2013 22:48	24408	2.083	19.134	4.809
9/28/2013 22:49	24468	2.082	19.143	4.808
9/28/2013 22:50	24528	2.083	19.142	4.811
9/28/2013 22:51	24588	2.084	19.135	4.811
9/28/2013 22:52	24648	2.082	19.13	4.808
9/28/2013 22:53	24708	2.083	19.125	4.81
9/28/2013 22:54	24768	2.083	19.128	4.809
9/28/2013 22:55	24828	2.084	19.124	4.811
9/28/2013 22:56	24888	2.083	19.12	4.808
9/28/2013 22:57	24948	2.083	19.116	4.809
9/28/2013 22:58	25008	2.084	19.117	4.811
9/28/2013 22:59	25068	2.082	19.119	4.808
9/28/2013 23:00	25128	2.082	19.119	4.807
9/28/2013 23:01	25188	2.083	19.124	4.809
9/28/2013 23:02	25248	2.083	19.122	4.809
9/28/2013 23:03	25308	2.082	19.121	4.806
9/28/2013 23:04	25368	2.082	19.118	4.807
9/28/2013 23:05	25428	2.083	19.119	4.81
9/28/2013 23:06	25488	2.083	19.122	4.81
9/28/2013 23:07	25548	2.083	19.125	4.81
9/28/2013 23:08	25608	2.081	19.13	4.806
9/28/2013 23:09	25668	2.083	19.126	4.809
9/28/2013 23:10	25728	2.083	19.129	4.81
9/28/2013 23:11	25788	2.082	19.129	4.807
9/28/2013 23:12	25848	2.082	19.129	4.807

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/28/2013 23:13	25908	2.082	19.126	4.807
9/28/2013 23:14	25968	2.082	19.126	4.808
9/28/2013 23:15	26028	2.083	19.132	4.809
9/28/2013 23:16	26088	2.083	19.134	4.809
9/28/2013 23:17	26148	2.084	19.134	4.811
9/28/2013 23:18	26208	2.082	19.136	4.808
9/28/2013 23:19	26268	2.081	19.137	4.806
9/28/2013 23:20	26328	2.083	19.128	4.809
9/28/2013 23:21	26388	2.081	19.135	4.805
9/28/2013 23:22	26448	2.082	19.138	4.808
9/28/2013 23:23	26508	2.081	19.134	4.806
9/28/2013 23:24	26568	2.082	19.134	4.807
9/28/2013 23:25	26628	2.081	19.134	4.805
9/28/2013 23:26	26688	2.081	19.136	4.806
9/28/2013 23:27	26748	2.083	19.134	4.809
9/28/2013 23:28	26808	2.082	19.135	4.808
9/28/2013 23:29	26868	2.083	19.133	4.809
9/28/2013 23:30	26928	2.081	19.134	4.806
9/28/2013 23:31	26988	2.082	19.134	4.806
9/28/2013 23:32	27048	2.082	19.134	4.808
9/28/2013 23:33	27108	2.082	19.143	4.807
9/28/2013 23:34	27168	2.081	19.148	4.805
9/28/2013 23:35	27228	2.083	19.145	4.809
9/28/2013 23:36	27288	2.08	19.145	4.804
9/28/2013 23:37	27348	2.083	19.147	4.811
9/28/2013 23:38	27408	2.082	19.145	4.806
9/28/2013 23:39	27468	2.082	19.14	4.808
9/28/2013 23:40	27528	2.08	19.146	4.803
9/28/2013 23:41	27588	2.082	19.147	4.808
9/28/2013 23:42	27648	2.082	19.143	4.806
9/28/2013 23:43	27708	2.08	19.135	4.803
9/28/2013 23:44	27768	2.081	19.127	4.806
9/28/2013 23:45	27828	2.083	19.116	4.81
9/28/2013 23:46	27888	2.082	19.114	4.806
9/28/2013 23:47	27948	2.082	19.112	4.808
9/28/2013 23:48	28008	2.083	19.115	4.81
9/28/2013 23:49	28068	2.082	19.114	4.807
9/28/2013 23:50	28128	2.081	19.12	4.805
9/28/2013 23:51	28188	2.082	19.122	4.808
9/28/2013 23:52	28248	2.081	19.123	4.805
9/28/2013 23:53	28308	2.082	19.133	4.807
9/28/2013 23:54	28368	2.082	19.132	4.808
9/28/2013 23:55	28428	2.082	19.139	4.807
9/28/2013 23:56	28488	2.081	19.143	4.805
9/28/2013 23:57	28548	2.081	19.145	4.806
9/28/2013 23:58	28608	2.08	19.145	4.802
9/28/2013 23:59	28668	2.081	19.142	4.804
9/29/2013 0:00	28728	2.082	19.139	4.807
9/29/2013 0:01	28788	2.081	19.131	4.806
9/29/2013 0:02	28848	2.081	19.127	4.806
9/29/2013 0:03	28908	2.082	19.121	4.808
9/29/2013 0:04	28968	2.08	19.114	4.802
9/29/2013 0:05	29028	2.08	19.113	4.803
9/29/2013 0:06	29088	2.081	19.113	4.806
9/29/2013 0:07	29148	2.083	19.112	4.809
9/29/2013 0:08	29208	2.081	19.115	4.805
9/29/2013 0:09	29268	2.081	19.121	4.805
9/29/2013 0:10	29328	2.081	19.127	4.805
9/29/2013 0:11	29388	2.081	19.134	4.806
9/29/2013 0:12	29448	2.081	19.137	4.805
9/29/2013 0:13	29508	2.082	19.138	4.807
9/29/2013 0:14	29568	2.082	19.136	4.807
9/29/2013 0:15	29628	2.081	19.139	4.804
9/29/2013 0:16	29688	2.081	19.149	4.805
9/29/2013 0:17	29748	2.081	19.156	4.806
9/29/2013 0:18	29808	2.081	19.152	4.806

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 0:19	29868	2.08	19.141	4.803
9/29/2013 0:20	29928	2.081	19.13	4.805
9/29/2013 0:21	29988	2.081	19.126	4.806
9/29/2013 0:22	30048	2.081	19.118	4.805
9/29/2013 0:23	30108	2.079	19.116	4.8
9/29/2013 0:24	30168	2.08	19.117	4.803
9/29/2013 0:25	30228	2.08	19.12	4.802
9/29/2013 0:26	30288	2.08	19.117	4.804
9/29/2013 0:27	30348	2.08	19.116	4.804
9/29/2013 0:28	30408	2.081	19.112	4.804
9/29/2013 0:29	30468	2.081	19.113	4.805
9/29/2013 0:30	30528	2.08	19.118	4.803
9/29/2013 0:31	30588	2.08	19.12	4.803
9/29/2013 0:32	30648	2.081	19.115	4.805
9/29/2013 0:33	30708	2.082	19.106	4.806
9/29/2013 0:34	30768	2.081	19.105	4.806
9/29/2013 0:35	30828	2.081	19.105	4.804
9/29/2013 0:36	30888	2.082	19.105	4.806
9/29/2013 0:37	30948	2.081	19.104	4.805
9/29/2013 0:38	31008	2.082	19.104	4.806
9/29/2013 0:39	31068	2.081	19.103	4.806
9/29/2013 0:40	31128	2.081	19.099	4.805
9/29/2013 0:41	31188	2.082	19.099	4.807
9/29/2013 0:42	31248	2.082	19.1	4.806
9/29/2013 0:43	31308	2.081	19.102	4.805
9/29/2013 0:44	31368	2.081	19.101	4.805
9/29/2013 0:45	31428	2.081	19.104	4.804
9/29/2013 0:46	31488	2.082	19.105	4.807
9/29/2013 0:47	31548	2.081	19.109	4.804
9/29/2013 0:48	31608	2.082	19.105	4.808
9/29/2013 0:49	31668	2.081	19.105	4.805
9/29/2013 0:50	31728	2.082	19.101	4.808
9/29/2013 0:51	31788	2.081	19.103	4.805
9/29/2013 0:52	31848	2.081	19.105	4.805
9/29/2013 0:53	31908	2.082	19.109	4.808
9/29/2013 0:54	31968	2.082	19.11	4.806
9/29/2013 0:55	32028	2.082	19.106	4.806
9/29/2013 0:56	32088	2.083	19.102	4.809
9/29/2013 0:57	32148	2.083	19.102	4.81
9/29/2013 0:58	32208	2.082	19.101	4.807
9/29/2013 0:59	32268	2.083	19.104	4.809
9/29/2013 1:00	32328	2.082	19.104	4.807
9/29/2013 1:01	32388	2.082	19.099	4.808
9/29/2013 1:02	32448	2.081	19.102	4.805
9/29/2013 1:03	32508	2.08	19.102	4.803
9/29/2013 1:04	32568	2.082	19.098	4.807
9/29/2013 1:05	32628	2.082	19.097	4.807
9/29/2013 1:06	32688	2.083	19.096	4.81
9/29/2013 1:07	32748	2.082	19.092	4.806
9/29/2013 1:08	32808	2.083	19.094	4.808
9/29/2013 1:09	32868	2.08	19.091	4.804
9/29/2013 1:10	32928	2.083	19.098	4.809
9/29/2013 1:11	32988	2.082	19.103	4.808
9/29/2013 1:12	33048	2.082	19.112	4.808
9/29/2013 1:13	33108	2.082	19.114	4.808
9/29/2013 1:14	33168	2.081	19.111	4.804
9/29/2013 1:15	33228	2.081	19.107	4.806
9/29/2013 1:16	33288	2.082	19.101	4.808
9/29/2013 1:17	33348	2.082	19.095	4.807
9/29/2013 1:18	33408	2.082	19.093	4.807
9/29/2013 1:19	33468	2.08	19.093	4.804
9/29/2013 1:20	33528	2.082	19.093	4.806
9/29/2013 1:21	33588	2.081	19.092	4.806
9/29/2013 1:22	33648	2.08	19.09	4.802
9/29/2013 1:23	33708	2.082	19.09	4.807
9/29/2013 1:24	33768	2.081	19.097	4.805

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 1:25	33828	2.081	19.104	4.806
9/29/2013 1:26	33888	2.08	19.106	4.804
9/29/2013 1:27	33948	2.082	19.103	4.807
9/29/2013 1:28	34008	2.081	19.11	4.805
9/29/2013 1:29	34068	2.081	19.105	4.806
9/29/2013 1:30	34128	2.081	19.101	4.805
9/29/2013 1:31	34188	2.079	19.1	4.801
9/29/2013 1:32	34248	2.081	19.092	4.805
9/29/2013 1:33	34308	2.082	19.087	4.807
9/29/2013 1:34	34368	2.081	19.086	4.805
9/29/2013 1:35	34428	2.082	19.084	4.807
9/29/2013 1:36	34488	2.08	19.091	4.803
9/29/2013 1:37	34548	2.082	19.105	4.806
9/29/2013 1:38	34608	2.082	19.106	4.808
9/29/2013 1:39	34668	2.081	19.101	4.805
9/29/2013 1:40	34728	2.082	19.096	4.806
9/29/2013 1:41	34788	2.081	19.097	4.804
9/29/2013 1:42	34848	2.082	19.099	4.807
9/29/2013 1:43	34908	2.081	19.095	4.806
9/29/2013 1:44	34968	2.082	19.093	4.808
9/29/2013 1:45	35028	2.083	19.1	4.81
9/29/2013 1:46	35088	2.083	19.097	4.809
9/29/2013 1:47	35148	2.081	19.093	4.805
9/29/2013 1:48	35208	2.082	19.091	4.806
9/29/2013 1:49	35268	2.083	19.089	4.81
9/29/2013 1:50	35328	2.081	19.091	4.806
9/29/2013 1:51	35388	2.081	19.096	4.806
9/29/2013 1:52	35448	2.083	19.102	4.809
9/29/2013 1:53	35508	2.083	19.099	4.809
9/29/2013 1:54	35568	2.081	19.1	4.806
9/29/2013 1:55	35628	2.083	19.094	4.809
9/29/2013 1:56	35688	2.081	19.098	4.806
9/29/2013 1:57	35748	2.081	19.105	4.804
9/29/2013 1:58	35808	2.082	19.099	4.808
9/29/2013 1:59	35868	2.081	19.099	4.805
9/29/2013 2:00	35928	2.082	19.102	4.807
9/29/2013 2:01	35988	2.082	19.102	4.807
9/29/2013 2:02	36048	2.082	19.097	4.806
9/29/2013 2:03	36108	2.081	19.089	4.806
9/29/2013 2:04	36168	2.082	19.094	4.807
9/29/2013 2:05	36228	2.079	19.084	4.801
9/29/2013 2:06	36288	2.081	19.087	4.806
9/29/2013 2:07	36348	2.08	19.089	4.804
9/29/2013 2:08	36408	2.081	19.099	4.805
9/29/2013 2:09	36468	2.079	19.103	4.801
9/29/2013 2:10	36528	2.082	19.1	4.807
9/29/2013 2:11	36588	2.08	19.094	4.804
9/29/2013 2:12	36648	2.081	19.091	4.805
9/29/2013 2:13	36708	2.081	19.09	4.806
9/29/2013 2:14	36768	2.081	19.09	4.805
9/29/2013 2:15	36828	2.081	19.096	4.806
9/29/2013 2:16	36888	2.082	19.094	4.807
9/29/2013 2:17	36948	2.082	19.102	4.807
9/29/2013 2:18	37008	2.081	19.107	4.805
9/29/2013 2:19	37068	2.082	19.11	4.808
9/29/2013 2:20	37128	2.08	19.11	4.803
9/29/2013 2:21	37188	2.083	19.104	4.809
9/29/2013 2:22	37248	2.081	19.1	4.805
9/29/2013 2:23	37308	2.082	19.09	4.808
9/29/2013 2:24	37368	2.081	19.086	4.804
9/29/2013 2:25	37428	2.081	19.084	4.805
9/29/2013 2:26	37488	2.082	19.088	4.806
9/29/2013 2:27	37548	2.082	19.09	4.808
9/29/2013 2:28	37608	2.083	19.094	4.809
9/29/2013 2:29	37668	2.083	19.095	4.808
9/29/2013 2:30	37728	2.081	19.094	4.806

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 2:31	37788	2.082	19.094	4.808
9/29/2013 2:32	37848	2.083	19.089	4.809
9/29/2013 2:33	37908	2.083	19.091	4.809
9/29/2013 2:34	37968	2.081	19.09	4.806
9/29/2013 2:35	38028	2.081	19.091	4.806
9/29/2013 2:36	38088	2.083	19.092	4.809
9/29/2013 2:37	38148	2.082	19.09	4.806
9/29/2013 2:38	38208	2.081	19.09	4.806
9/29/2013 2:39	38268	2.083	19.086	4.81
9/29/2013 2:40	38328	2.081	19.089	4.806
9/29/2013 2:41	38388	2.083	19.096	4.809
9/29/2013 2:42	38448	2.084	19.098	4.811
9/29/2013 2:43	38508	2.081	19.095	4.806
9/29/2013 2:44	38568	2.082	19.096	4.807
9/29/2013 2:45	38628	2.081	19.092	4.806
9/29/2013 2:46	38688	2.082	19.092	4.807
9/29/2013 2:47	38748	2.084	19.089	4.812
9/29/2013 2:48	38808	2.083	19.087	4.811
9/29/2013 2:49	38868	2.082	19.077	4.808
9/29/2013 2:50	38928	2.083	19.073	4.81
9/29/2013 2:51	38988	2.083	19.065	4.809
9/29/2013 2:52	39048	2.082	19.072	4.808
9/29/2013 2:53	39108	2.083	19.077	4.809
9/29/2013 2:54	39168	2.083	19.081	4.81
9/29/2013 2:55	39228	2.082	19.083	4.807
9/29/2013 2:56	39288	2.084	19.079	4.811
9/29/2013 2:57	39348	2.081	19.08	4.806
9/29/2013 2:58	39408	2.085	19.091	4.815
9/29/2013 2:59	39468	2.083	19.092	4.811
9/29/2013 3:00	39528	2.084	19.095	4.811
9/29/2013 3:01	39588	2.084	19.09	4.812
9/29/2013 3:02	39648	2.084	19.088	4.812
9/29/2013 3:03	39708	2.084	19.077	4.812
9/29/2013 3:04	39768	2.082	19.075	4.807
9/29/2013 3:05	39828	2.081	19.074	4.804
9/29/2013 3:06	39888	2.083	19.078	4.808
9/29/2013 3:07	39948	2.083	19.08	4.809
9/29/2013 3:08	40008	2.083	19.083	4.809
9/29/2013 3:09	40068	2.084	19.082	4.813
9/29/2013 3:10	40128	2.084	19.088	4.812
9/29/2013 3:11	40188	2.084	19.09	4.811
9/29/2013 3:12	40248	2.084	19.093	4.813
9/29/2013 3:13	40308	2.083	19.095	4.811
9/29/2013 3:14	40368	2.084	19.089	4.812
9/29/2013 3:15	40428	2.084	19.084	4.812
9/29/2013 3:16	40488	2.084	19.077	4.812
9/29/2013 3:17	40548	2.085	19.075	4.813
9/29/2013 3:18	40608	2.083	19.077	4.81
9/29/2013 3:19	40668	2.084	19.082	4.813
9/29/2013 3:20	40728	2.085	19.09	4.814
9/29/2013 3:21	40788	2.085	19.09	4.813
9/29/2013 3:22	40848	2.084	19.089	4.813
9/29/2013 3:23	40908	2.084	19.09	4.813
9/29/2013 3:24	40968	2.085	19.09	4.815
9/29/2013 3:25	41028	2.084	19.093	4.813
9/29/2013 3:26	41088	2.086	19.092	4.817
9/29/2013 3:27	41148	2.086	19.097	4.815
9/29/2013 3:28	41208	2.083	19.092	4.809
9/29/2013 3:29	41268	2.084	19.09	4.812
9/29/2013 3:30	41328	2.085	19.088	4.815
9/29/2013 3:31	41388	2.085	19.09	4.814
9/29/2013 3:32	41448	2.084	19.102	4.813
9/29/2013 3:33	41508	2.086	19.108	4.816
9/29/2013 3:34	41568	2.085	19.104	4.814
9/29/2013 3:35	41628	2.085	19.101	4.814
9/29/2013 3:36	41688	2.085	19.102	4.815

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 3:37	41748	2.086	19.104	4.816
9/29/2013 3:38	41808	2.084	19.1	4.813
9/29/2013 3:39	41868	2.086	19.09	4.816
9/29/2013 3:40	41928	2.086	19.09	4.816
9/29/2013 3:41	41988	2.086	19.094	4.817
9/29/2013 3:42	42048	2.086	19.094	4.818
9/29/2013 3:43	42108	2.087	19.09	4.819
9/29/2013 3:44	42168	2.087	19.09	4.818
9/29/2013 3:45	42228	2.087	19.092	4.818
9/29/2013 3:46	42288	2.086	19.09	4.816
9/29/2013 3:47	42348	2.086	19.084	4.817
9/29/2013 3:48	42408	2.085	19.085	4.815
9/29/2013 3:49	42468	2.086	19.084	4.818
9/29/2013 3:50	42528	2.084	19.088	4.812
9/29/2013 3:51	42588	2.086	19.095	4.817
9/29/2013 3:52	42648	2.087	19.109	4.818
9/29/2013 3:53	42708	2.087	19.107	4.82
9/29/2013 3:54	42768	2.086	19.097	4.816
9/29/2013 3:55	42828	2.086	19.085	4.817
9/29/2013 3:56	42888	2.085	19.076	4.814
9/29/2013 3:57	42948	2.086	19.076	4.817
9/29/2013 3:58	43008	2.086	19.076	4.817
9/29/2013 3:59	43068	2.086	19.071	4.815
9/29/2013 4:00	43128	2.086	19.071	4.817
9/29/2013 4:01	43188	2.086	19.078	4.816
9/29/2013 4:02	43248	2.086	19.085	4.816
9/29/2013 4:03	43308	2.087	19.085	4.819
9/29/2013 4:04	43368	2.087	19.08	4.819
9/29/2013 4:05	43428	2.087	19.075	4.819
9/29/2013 4:06	43488	2.086	19.074	4.817
9/29/2013 4:07	43548	2.087	19.078	4.818
9/29/2013 4:08	43608	2.087	19.075	4.819
9/29/2013 4:09	43668	2.086	19.077	4.817
9/29/2013 4:10	43728	2.085	19.081	4.814
9/29/2013 4:11	43788	2.086	19.088	4.816
9/29/2013 4:12	43848	2.086	19.089	4.816
9/29/2013 4:13	43908	2.086	19.084	4.816
9/29/2013 4:14	43968	2.085	19.073	4.813
9/29/2013 4:15	44028	2.085	19.065	4.814
9/29/2013 4:16	44088	2.084	19.059	4.813
9/29/2013 4:17	44148	2.085	19.06	4.813
9/29/2013 4:18	44208	2.085	19.06	4.815
9/29/2013 4:19	44268	2.085	19.057	4.814
9/29/2013 4:20	44328	2.085	19.065	4.815
9/29/2013 4:21	44388	2.085	19.068	4.814
9/29/2013 4:22	44448	2.085	19.061	4.814
9/29/2013 4:23	44508	2.085	19.064	4.815
9/29/2013 4:24	44568	2.084	19.066	4.812
9/29/2013 4:25	44628	2.086	19.058	4.817
9/29/2013 4:26	44688	2.086	19.052	4.816
9/29/2013 4:27	44748	2.085	19.055	4.815
9/29/2013 4:28	44808	2.085	19.063	4.813
9/29/2013 4:29	44868	2.086	19.062	4.817
9/29/2013 4:30	44928	2.086	19.068	4.816
9/29/2013 4:31	44988	2.085	19.066	4.815
9/29/2013 4:32	45048	2.086	19.068	4.817
9/29/2013 4:33	45108	2.085	19.078	4.814
9/29/2013 4:34	45168	2.087	19.079	4.818
9/29/2013 4:35	45228	2.086	19.079	4.817
9/29/2013 4:36	45288	2.086	19.071	4.816
9/29/2013 4:37	45348	2.085	19.07	4.813
9/29/2013 4:38	45408	2.086	19.073	4.816
9/29/2013 4:39	45468	2.087	19.072	4.82
9/29/2013 4:40	45528	2.086	19.075	4.816
9/29/2013 4:41	45588	2.086	19.075	4.816
9/29/2013 4:42	45648	2.086	19.067	4.816

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 4:43	45708	2.086	19.073	4.815
9/29/2013 4:44	45768	2.085	19.067	4.815
9/29/2013 4:45	45828	2.086	19.062	4.815
9/29/2013 4:46	45888	2.087	19.057	4.818
9/29/2013 4:47	45948	2.086	19.054	4.816
9/29/2013 4:48	46008	2.085	19.059	4.815
9/29/2013 4:49	46068	2.086	19.059	4.815
9/29/2013 4:50	46128	2.086	19.061	4.816
9/29/2013 4:51	46188	2.086	19.063	4.817
9/29/2013 4:52	46248	2.085	19.061	4.815
9/29/2013 4:53	46308	2.086	19.054	4.817
9/29/2013 4:54	46368	2.085	19.058	4.815
9/29/2013 4:55	46428	2.086	19.061	4.817
9/29/2013 4:56	46488	2.084	19.056	4.813
9/29/2013 4:57	46548	2.085	19.062	4.814
9/29/2013 4:58	46608	2.085	19.067	4.814
9/29/2013 4:59	46668	2.085	19.07	4.815
9/29/2013 5:00	46728	2.085	19.068	4.814
9/29/2013 5:01	46788	2.084	19.059	4.813
9/29/2013 5:02	46848	2.084	19.057	4.813
9/29/2013 5:03	46908	2.084	19.054	4.813
9/29/2013 5:04	46968	2.084	19.051	4.813
9/29/2013 5:05	47028	2.084	19.057	4.812
9/29/2013 5:06	47088	2.085	19.056	4.815
9/29/2013 5:07	47148	2.085	19.053	4.815
9/29/2013 5:08	47208	2.084	19.062	4.812
9/29/2013 5:09	47268	2.083	19.065	4.809
9/29/2013 5:10	47328	2.086	19.071	4.816
9/29/2013 5:11	47388	2.086	19.075	4.816
9/29/2013 5:12	47448	2.084	19.077	4.812
9/29/2013 5:13	47508	2.086	19.072	4.817
9/29/2013 5:14	47568	2.086	19.066	4.817
9/29/2013 5:15	47628	2.084	19.059	4.812
9/29/2013 5:16	47688	2.083	19.059	4.811
9/29/2013 5:17	47748	2.085	19.061	4.815
9/29/2013 5:18	47808	2.083	19.062	4.81
9/29/2013 5:19	47868	2.084	19.061	4.813
9/29/2013 5:20	47928	2.084	19.062	4.812
9/29/2013 5:21	47988	2.085	19.068	4.814
9/29/2013 5:22	48048	2.086	19.071	4.816
9/29/2013 5:23	48108	2.084	19.073	4.811
9/29/2013 5:24	48168	2.084	19.066	4.812
9/29/2013 5:25	48228	2.084	19.056	4.813
9/29/2013 5:26	48288	2.084	19.058	4.812
9/29/2013 5:27	48348	2.083	19.063	4.811
9/29/2013 5:28	48408	2.084	19.065	4.813
9/29/2013 5:29	48468	2.084	19.062	4.812
9/29/2013 5:30	48528	2.084	19.063	4.811
9/29/2013 5:31	48588	2.084	19.058	4.812
9/29/2013 5:32	48648	2.084	19.062	4.812
9/29/2013 5:33	48708	2.083	19.062	4.81
9/29/2013 5:34	48768	2.084	19.058	4.811
9/29/2013 5:35	48828	2.084	19.059	4.812
9/29/2013 5:36	48888	2.085	19.065	4.814
9/29/2013 5:37	48948	2.084	19.068	4.811
9/29/2013 5:38	49008	2.083	19.067	4.811
9/29/2013 5:39	49068	2.085	19.078	4.815
9/29/2013 5:40	49128	2.084	19.091	4.811
9/29/2013 5:41	49188	2.085	19.091	4.814
9/29/2013 5:42	49248	2.084	19.086	4.812
9/29/2013 5:43	49308	2.084	19.086	4.811
9/29/2013 5:44	49368	2.084	19.079	4.813
9/29/2013 5:45	49428	2.084	19.073	4.813
9/29/2013 5:46	49488	2.082	19.063	4.808
9/29/2013 5:47	49548	2.083	19.058	4.81
9/29/2013 5:48	49608	2.085	19.055	4.814

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 5:49	49668	2.085	19.052	4.813
9/29/2013 5:50	49728	2.084	19.055	4.811
9/29/2013 5:51	49788	2.084	19.059	4.812
9/29/2013 5:52	49848	2.083	19.064	4.809
9/29/2013 5:53	49908	2.084	19.071	4.812
9/29/2013 5:54	49968	2.085	19.077	4.814
9/29/2013 5:55	50028	2.085	19.072	4.813
9/29/2013 5:56	50088	2.083	19.075	4.81
9/29/2013 5:57	50148	2.085	19.076	4.814
9/29/2013 5:58	50208	2.084	19.077	4.811
9/29/2013 5:59	50268	2.084	19.077	4.812
9/29/2013 6:00	50328	2.084	19.069	4.812
9/29/2013 6:01	50388	2.083	19.066	4.809
9/29/2013 6:02	50448	2.084	19.07	4.811
9/29/2013 6:03	50508	2.083	19.068	4.809
9/29/2013 6:04	50568	2.083	19.062	4.81
9/29/2013 6:05	50628	2.084	19.061	4.811
9/29/2013 6:06	50688	2.084	19.059	4.813
9/29/2013 6:07	50748	2.083	19.056	4.81
9/29/2013 6:08	50808	2.083	19.058	4.809
9/29/2013 6:09	50868	2.084	19.063	4.812
9/29/2013 6:10	50928	2.084	19.061	4.812
9/29/2013 6:11	50988	2.083	19.058	4.81
9/29/2013 6:12	51048	2.083	19.06	4.809
9/29/2013 6:13	51108	2.084	19.062	4.811
9/29/2013 6:14	51168	2.083	19.063	4.81
9/29/2013 6:15	51228	2.082	19.068	4.807
9/29/2013 6:16	51288	2.082	19.071	4.808
9/29/2013 6:17	51348	2.084	19.063	4.812
9/29/2013 6:18	51408	2.083	19.059	4.809
9/29/2013 6:19	51468	2.083	19.059	4.81
9/29/2013 6:20	51528	2.082	19.06	4.807
9/29/2013 6:21	51588	2.081	19.06	4.805
9/29/2013 6:22	51648	2.082	19.054	4.807
9/29/2013 6:23	51708	2.081	19.059	4.805
9/29/2013 6:24	51768	2.082	19.059	4.807
9/29/2013 6:25	51828	2.081	19.058	4.806
9/29/2013 6:26	51888	2.081	19.053	4.806
9/29/2013 6:27	51948	2.082	19.053	4.808
9/29/2013 6:28	52008	2.082	19.063	4.807
9/29/2013 6:29	52068	2.082	19.066	4.808
9/29/2013 6:30	52128	2.081	19.064	4.805
9/29/2013 6:31	52188	2.083	19.061	4.809
9/29/2013 6:32	52248	2.083	19.062	4.809
9/29/2013 6:33	52308	2.081	19.061	4.806
9/29/2013 6:34	52368	2.083	19.058	4.809
9/29/2013 6:35	52428	2.081	19.058	4.805
9/29/2013 6:36	52488	2.079	19.054	4.8
9/29/2013 6:37	52548	2.081	19.052	4.805
9/29/2013 6:38	52608	2.083	19.058	4.81
9/29/2013 6:39	52668	2.082	19.064	4.807
9/29/2013 6:40	52728	2.081	19.072	4.805
9/29/2013 6:41	52788	2.082	19.076	4.806
9/29/2013 6:42	52848	2.082	19.073	4.808
9/29/2013 6:43	52908	2.082	19.067	4.807
9/29/2013 6:44	52968	2.082	19.06	4.807
9/29/2013 6:45	53028	2.082	19.054	4.808
9/29/2013 6:46	53088	2.08	19.061	4.802
9/29/2013 6:47	53148	2.082	19.07	4.808
9/29/2013 6:48	53208	2.082	19.083	4.807
9/29/2013 6:49	53268	2.082	19.088	4.807
9/29/2013 6:50	53328	2.08	19.085	4.803
9/29/2013 6:51	53388	2.081	19.085	4.805
9/29/2013 6:52	53448	2.08	19.077	4.803
9/29/2013 6:53	53508	2.08	19.069	4.802
9/29/2013 6:54	53568	2.08	19.068	4.802

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 6:55	53628	2.081	19.064	4.805
9/29/2013 6:56	53688	2.08	19.062	4.803
9/29/2013 6:57	53748	2.081	19.063	4.805
9/29/2013 6:58	53808	2.08	19.062	4.803
9/29/2013 6:59	53868	2.08	19.067	4.802
9/29/2013 7:00	53928	2.08	19.064	4.802
9/29/2013 7:01	53988	2.08	19.061	4.802
9/29/2013 7:02	54048	2.08	19.066	4.802
9/29/2013 7:03	54108	2.079	19.067	4.801
9/29/2013 7:04	54168	2.08	19.068	4.802
9/29/2013 7:05	54228	2.082	19.067	4.806
9/29/2013 7:06	54288	2.078	19.067	4.799
9/29/2013 7:07	54348	2.079	19.068	4.801
9/29/2013 7:08	54408	2.079	19.07	4.801
9/29/2013 7:09	54468	2.08	19.07	4.804
9/29/2013 7:10	54528	2.078	19.069	4.798
9/29/2013 7:11	54588	2.078	19.067	4.798
9/29/2013 7:12	54648	2.079	19.073	4.8
9/29/2013 7:13	54708	2.079	19.075	4.801
9/29/2013 7:14	54768	2.078	19.069	4.797
9/29/2013 7:15	54828	2.081	19.07	4.804
9/29/2013 7:16	54888	2.08	19.071	4.802
9/29/2013 7:17	54948	2.079	19.065	4.801
9/29/2013 7:18	55008	2.08	19.056	4.802
9/29/2013 7:19	55068	2.079	19.051	4.801
9/29/2013 7:20	55128	2.079	19.047	4.8
9/29/2013 7:21	55188	2.078	19.047	4.798
9/29/2013 7:22	55248	2.078	19.046	4.798
9/29/2013 7:23	55308	2.079	19.053	4.8
9/29/2013 7:24	55368	2.079	19.051	4.8
9/29/2013 7:25	55428	2.079	19.054	4.801
9/29/2013 7:26	55488	2.079	19.053	4.799
9/29/2013 7:27	55548	2.079	19.051	4.799
9/29/2013 7:28	55608	2.079	19.053	4.8
9/29/2013 7:29	55668	2.079	19.05	4.8
9/29/2013 7:30	55728	2.078	19.041	4.798
9/29/2013 7:31	55788	2.078	19.033	4.798
9/29/2013 7:32	55848	2.078	19.041	4.798
9/29/2013 7:33	55908	2.077	19.045	4.796
9/29/2013 7:34	55968	2.078	19.049	4.798
9/29/2013 7:35	56028	2.077	19.056	4.797
9/29/2013 7:36	56088	2.077	19.059	4.797
9/29/2013 7:37	56148	2.075	19.065	4.792
9/29/2013 7:38	56208	2.077	19.062	4.796
9/29/2013 7:39	56268	2.078	19.053	4.798
9/29/2013 7:40	56328	2.078	19.056	4.798
9/29/2013 7:41	56388	2.077	19.06	4.797
9/29/2013 7:42	56448	2.077	19.062	4.795
9/29/2013 7:43	56508	2.078	19.061	4.799
9/29/2013 7:44	56568	2.078	19.07	4.798
9/29/2013 7:45	56628	2.077	19.071	4.797
9/29/2013 7:46	56688	2.078	19.066	4.798
9/29/2013 7:47	56748	2.077	19.061	4.797
9/29/2013 7:48	56808	2.078	19.063	4.798
9/29/2013 7:49	56868	2.077	19.069	4.796
9/29/2013 7:50	56928	2.076	19.07	4.793
9/29/2013 7:51	56988	2.076	19.069	4.794
9/29/2013 7:52	57048	2.075	19.056	4.791
9/29/2013 7:53	57108	2.076	19.048	4.794
9/29/2013 7:54	57168.141	2.076	19.069	4.794

Report Date:	10/2/2013 14:11
Report User Name:	virginia.bracht
Report Computer Name:	1YSXLG1
Application:	WinSitu.exe
Application Version:	5.6.21.0

Log File Properties

File Name	106157-10 2013-09-29 09.10.02.wsl
Create Date	9/29/2013 9:09

Device Properties

Device	Level TROLL 700		
Site	KAFB		
Device Name			
Serial Number	350471		
Firmware Version	2.09		
Hardware Version	3		
Device Address	1		
Device Comm Cfg	19200	8 Even	1 (Modbus-RTU)
Used Memory	14		
Used Battery	0		

Log Configuration

Log Name	106157-10
Created By	Unknown
Computer Name	Field PC
Application	WinSituMobile.exe
Application Version	5.6.0.10
Create Date	9/29/2013 7:57:56 AM Mountain Daylight Time
Log Setup Time Zone	Mountain Daylight Time
Notes Size(bytes)	4096
Overwrite when full	Disabled
Scheduled Start Time	Manual Start
Scheduled Stop Time	No Stop Time
Type	True Logarithmic
Max Interval	Days: 0 hrs: 00 mins: 01 secs: 00

Level Reference Settings At Log Creation

Level Measurement M	Depth
Specific Gravity	0.999

Other Log Settings

Depth of Probe:	4.78554 (ft)
Head Pressure:	2.07259 (PSI)
Temperature:	19.1403 (C)

Log Notes:

Date and Time	Note
9/29/2013 7:55	Used Battery: 0% Used Memory: 15% User Name: Unknown
9/29/2013 7:56	Manual Start Command
9/29/2013 9:07	Log Download - Used Battery: 0% Used Memory: 15% User Name: Unknown

Log Data:

Record Count	167	
Sensors	1	
	1	350471 Pressure/Temp 30 PSIG (21m/69ft)

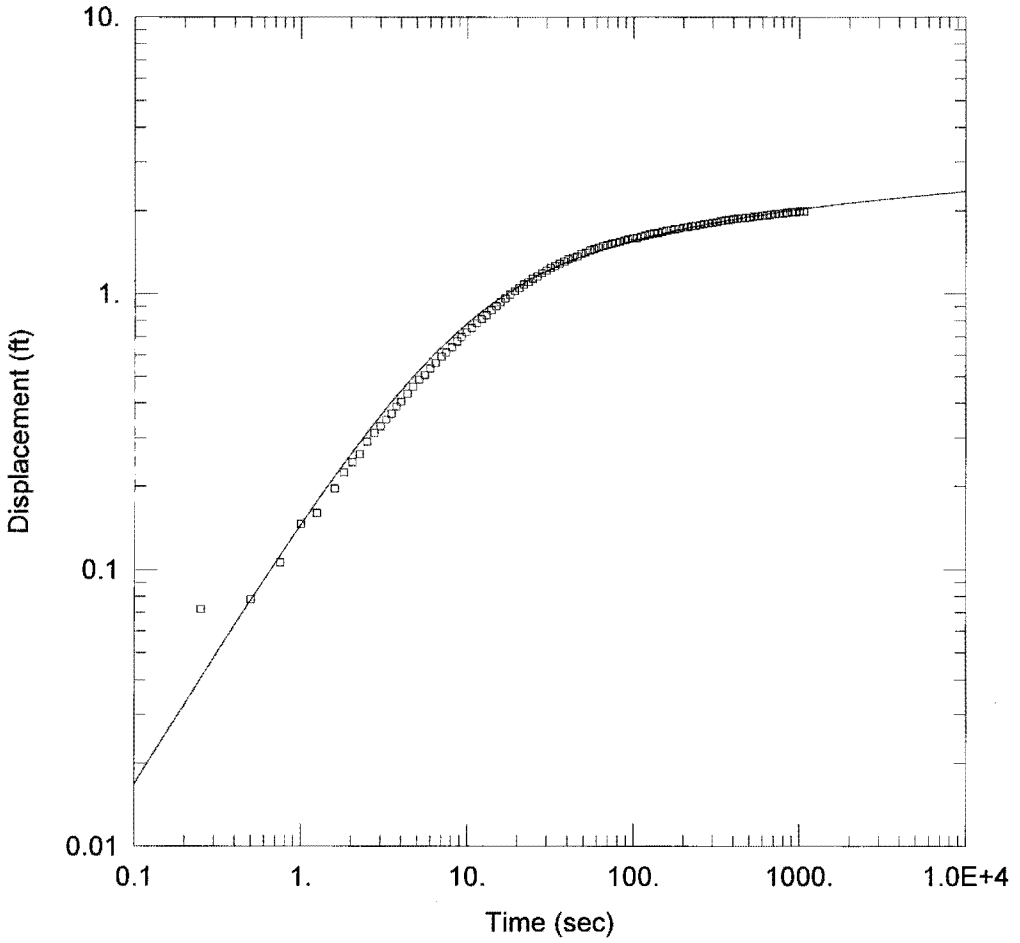
Time Zone: Mountain Daylight Time

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 7:56	0	2.084	19.052	4.812
9/29/2013 7:56	0.25	2.078	19.075	4.798
9/29/2013 7:56	0.756	2.078	19.074	4.798
9/29/2013 7:56	0.976	2.078	19.089	4.798
9/29/2013 7:56	1.197	2.077	19.099	4.796
9/29/2013 7:56	1.416	2.083	19.163	4.81
9/29/2013 7:56	1.881	2.08	19.148	4.802
9/29/2013 7:56	2.101	2.079	19.142	4.801
9/29/2013 7:56	2.32	2.077	19.141	4.796
9/29/2013 7:56	2.539	2.078	19.142	4.797
9/29/2013 7:56	2.758	2.079	19.145	4.801
9/29/2013 7:56	2.98	2.078	19.143	4.798
9/29/2013 7:56	3.198	2.05	19.145	4.734
9/29/2013 7:56	3.417	2.03	19.147	4.687
9/29/2013 7:56	3.636	2.045	19.145	4.722
9/29/2013 7:56	3.855	2.048	19.149	4.729
9/29/2013 7:56	4.075	2.03	19.149	4.687
9/29/2013 7:56	4.294	2.017	19.148	4.657
9/29/2013 7:56	4.513	2.003	19.15	4.625
9/29/2013 7:56	4.75	1.994	19.15	4.604
9/29/2013 7:56	5	1.982	19.145	4.577
9/29/2013 7:56	5.25	1.973	19.148	4.555
9/29/2013 7:56	5.5	1.962	19.149	4.531
9/29/2013 7:56	5.75	1.951	19.144	4.506
9/29/2013 7:56	6	1.944	19.148	4.488
9/29/2013 7:56	6.36	1.928	19.135	4.451
9/29/2013 7:56	6.72	1.917	19.134	4.426
9/29/2013 7:56	7.14	1.903	19.125	4.393
9/29/2013 7:56	7.56	1.891	19.123	4.367
9/29/2013 7:56	7.98	1.879	19.121	4.34
9/29/2013 7:56	8.461	1.864	19.114	4.303
9/29/2013 7:56	9	1.851	19.113	4.273
9/29/2013 7:56	9.48	1.84	19.112	4.25
9/29/2013 7:56	10.081	1.826	19.104	4.217
9/29/2013 7:56	10.681	1.814	19.104	4.189
9/29/2013 7:56	11.28	1.801	19.107	4.158
9/29/2013 7:56	11.94	1.789	19.102	4.131
9/29/2013 7:56	12.66	1.774	19.101	4.095
9/29/2013 7:56	13.44	1.761	19.095	4.065
9/29/2013 7:56	14.22	1.749	19.097	4.038
9/29/2013 7:56	15.06	1.735	19.097	4.007
9/29/2013 7:56	15.96	1.723	19.092	3.979
9/29/2013 7:56	16.92	1.711	19.09	3.95
9/29/2013 7:57	17.88	1.698	19.093	3.92
9/29/2013 7:57	18.96	1.683	19.088	3.885
9/29/2013 7:57	20.1	1.669	19.106	3.853
9/29/2013 7:57	21.3	1.662	19.093	3.836
9/29/2013 7:57	22.56	1.643	19.098	3.793
9/29/2013 7:57	23.941	1.631	19.11	3.766
9/29/2013 7:57	25.32	1.619	19.091	3.739
9/29/2013 7:57	27.03	1.605	19.11	3.705
9/29/2013 7:57	28.38	1.594	19.104	3.681
9/29/2013 7:57	30.06	1.583	19.105	3.656
9/29/2013 7:57	31.927	1.571	19.111	3.628
9/29/2013 7:57	33.927	1.559	19.114	3.6
9/29/2013 7:57	35.929	1.551	19.114	3.581
9/29/2013 7:57	37.929	1.54	19.119	3.555
9/29/2013 7:57	40.08	1.529	19.109	3.53
9/29/2013 7:57	42.48	1.521	19.106	3.513
9/29/2013 7:57	45	1.511	19.101	3.489
9/29/2013 7:57	47.933	1.499	19.12	3.462
9/29/2013 7:57	50.46	1.492	19.11	3.445
9/29/2013 7:57	53.968	1.484	19.121	3.426
9/29/2013 7:57	56.64	1.477	19.11	3.41
9/29/2013 7:57	60	1.468	19.122	3.389
9/29/2013 7:57	63.956	1.461	19.124	3.373

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 7:57	67.2	1.453	19.109	3.355
9/29/2013 7:57	71.4	1.443	19.112	3.333
9/29/2013 7:57	75.961	1.438	19.132	3.321
9/29/2013 7:58	79.964	1.43	19.133	3.303
9/29/2013 7:58	84.6	1.427	19.109	3.295
9/29/2013 7:58	90	1.42	19.11	3.279
9/29/2013 7:58	94.8	1.415	19.105	3.267
9/29/2013 7:58	100.8	1.407	19.104	3.249
9/29/2013 7:58	106.8	1.402	19.103	3.238
9/29/2013 7:58	112.8	1.395	19.101	3.222
9/29/2013 7:58	119.4	1.389	19.101	3.208
9/29/2013 7:58	126.6	1.383	19.099	3.193
9/29/2013 7:58	134.4	1.379	19.099	3.184
9/29/2013 7:59	142.2	1.374	19.096	3.174
9/29/2013 7:59	150.6	1.368	19.099	3.159
9/29/2013 7:59	159.6	1.364	19.095	3.149
9/29/2013 7:59	169.2	1.359	19.099	3.139
9/29/2013 7:59	178.8	1.354	19.098	3.127
9/29/2013 7:59	189.6	1.351	19.101	3.12
9/29/2013 8:00	201	1.346	19.101	3.108
9/29/2013 8:00	213	1.341	19.102	3.097
9/29/2013 8:00	225.6	1.337	19.103	3.086
9/29/2013 8:00	238.8	1.333	19.106	3.078
9/29/2013 8:00	253.2	1.33	19.11	3.071
9/29/2013 8:01	268.2	1.326	19.111	3.062
9/29/2013 8:01	283.8	1.32	19.115	3.047
9/29/2013 8:01	300.6	1.319	19.12	3.044
9/29/2013 8:02	318.6	1.315	19.119	3.037
9/29/2013 8:02	337.2	1.337	19.123	3.087
9/29/2013 8:02	357.6	1.397	19.124	3.225
9/29/2013 8:03	378.6	1.438	19.125	3.32
9/29/2013 8:03	400.8	1.45	19.132	3.347
9/29/2013 8:03	424.8	1.454	19.138	3.357
9/29/2013 8:04	450	1.458	19.144	3.366
9/29/2013 8:04	476.4	1.457	19.148	3.364
9/29/2013 8:05	504.6	1.382	19.156	3.191
9/29/2013 8:05	534.6	1.362	19.159	3.145
9/29/2013 8:06	566.4	1.356	19.163	3.131
9/29/2013 8:06	600	1.351	19.168	3.12
9/29/2013 8:07	636	1.346	19.172	3.109
9/29/2013 8:07	672	1.342	19.176	3.098
9/29/2013 8:08	714	1.337	19.18	3.088
9/29/2013 8:09	756	1.338	19.184	3.09
9/29/2013 8:10	798	1.333	19.188	3.078
9/29/2013 8:10	846	1.333	19.19	3.078
9/29/2013 8:11	900	1.327	19.197	3.064
9/29/2013 8:12	948	1.325	19.204	3.059
9/29/2013 8:13	1008	1.324	19.206	3.057
9/29/2013 8:14	1068	1.319	19.207	3.047
9/29/2013 8:15	1128	1.314	19.213	3.033
9/29/2013 8:16	1188	1.78	19.214	4.11
9/29/2013 8:17	1248	1.961	19.216	4.527
9/29/2013 8:18	1308	1.998	19.219	4.614
9/29/2013 8:19	1368	2.018	19.214	4.659
9/29/2013 8:20	1428	2.03	19.212	4.687
9/29/2013 8:21	1488	2.037	19.212	4.703
9/29/2013 8:22	1548	2.044	19.206	4.72
9/29/2013 8:23	1608	2.049	19.211	4.731
9/29/2013 8:24	1668	2.053	19.214	4.739
9/29/2013 8:25	1728	2.056	19.215	4.748
9/29/2013 8:26	1788	2.057	19.22	4.75
9/29/2013 8:27	1848	2.059	19.222	4.755
9/29/2013 8:28	1908	2.06	19.224	4.758
9/29/2013 8:29	1968	2.061	19.223	4.759
9/29/2013 8:30	2028	2.06	19.225	4.756
9/29/2013 8:31	2088	2.062	19.228	4.762

Date and Time	Elapsed Time Seconds	Sensor: Pres(G) 69ft SN#: 350471 Pressure (PSI)	Sensor: Pres(G) 69ft SN#: 350471 Temperature (C)	Sensor: Pres(G) 69ft SN#: 350471 Depth (ft)
9/29/2013 8:32	2148	2.063	19.231	4.764
9/29/2013 8:33	2208	2.064	19.234	4.765
9/29/2013 8:34	2268	2.065	19.234	4.768
9/29/2013 8:35	2328	2.065	19.235	4.768
9/29/2013 8:36	2388	2.064	19.236	4.766
9/29/2013 8:37	2448	2.065	19.237	4.768
9/29/2013 8:38	2508	2.067	19.236	4.772
9/29/2013 8:39	2568	2.067	19.237	4.773
9/29/2013 8:40	2628	2.066	19.236	4.77
9/29/2013 8:41	2688	2.067	19.24	4.772
9/29/2013 8:42	2748	2.067	19.241	4.773
9/29/2013 8:43	2808	2.068	19.243	4.775
9/29/2013 8:44	2868	2.067	19.241	4.773
9/29/2013 8:45	2928	2.067	19.242	4.774
9/29/2013 8:46	2988	2.069	19.243	4.777
9/29/2013 8:47	3048	1.538	19.245	3.552
9/29/2013 8:48	3108	1.435	19.241	3.315
9/29/2013 8:49	3168	1.394	19.228	3.22
9/29/2013 8:50	3228	1.37	19.218	3.163
9/29/2013 8:51	3288	1.352	19.215	3.122
9/29/2013 8:52	3348	1.34	19.214	3.094
9/29/2013 8:53	3408	1.333	19.211	3.077
9/29/2013 8:54	3468	1.324	19.21	3.056
9/29/2013 8:55	3528	1.317	19.214	3.04
9/29/2013 8:56	3588	1.311	19.214	3.027
9/29/2013 8:57	3648	1.31	19.212	3.025
9/29/2013 8:58	3708	1.305	19.214	3.014
9/29/2013 8:59	3768	1.302	19.213	3.007
9/29/2013 9:00	3828	1.298	19.212	2.997
9/29/2013 9:01	3888	1.89	19.213	4.365
9/29/2013 9:02	3948	1.974	19.217	4.557
9/29/2013 9:03	4008	2.002	19.221	4.622
9/29/2013 9:04	4068	2.018	19.219	4.66
9/29/2013 9:05	4128	2.028	19.222	4.683
9/29/2013 9:06	4188	2.037	19.223	4.704

ATTACHMENT 2



WELL TEST ANALYSIS

Data Set: C:\Program Files\HydroSOLVE\AQTESOLV Pro 4.0\data\106157\development\3-DB.aqt
Date: 10/23/13 Time: 12:26:57

PROJECT INFORMATION

Company: CB&I
Test Well: KAFB-106157

AQUIFER DATA

Saturated Thickness: 100. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
KAFB-106157	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
KAFB-106157	0	0

SOLUTION

Aquifer Model: Confined Solution Method: Dougherty-Babu

T = 3100. ft^2/day S = 0.02916
Kz/Kr = 1. Sw = 0.
r(w) = 0.49 ft r(c) = 0.33 ft

APPENDIX C

Well:	KAFB106157 (POST WELL DEVELOPMENT)		
Sample ID:	106157-D-1		
Sample Date:	9/30/2013		
Parameter	**Method**	**Sample Result (mg/L)**	**Permit Limit (mg/L)**
Flow		Totalizing flow meter	+/-10%
TRC	EPA330.5	0.1	NA
pH	SM4500HB	7.87	6 to 9
CBOD5	SM5210B	3.48	15
Total coliform (TC)	SM9223B	1	23 orgs/100ml
Total Dissolved Solids (TDS)	SM2540C	445	1000.0
Nitrate (NO3-N)	EPA300	<0.2	see total N
Total Kjeldahl Nitrogen (TKN)	EPA351.2	<1.5	see total N
Total Nitrogen (TKN + NO3-N)	Calculation	ND	10.0
Turbidity			5 NTU
Chloride (Cl^-)	EPA300	51.9	250.0
Fluoride (F^-)	EPA300	0.212	1.6
Sulfate ($SO4^{-2)}$	EPA300	66	600.0
Cyanide (CN)	EPA335.4	<0.01	0.2
Metals			
Aluminum	EPA200.8	0.3	5.0
Arsenic	EPA200.8	<0.01	0.1
Barium	EPA200.8	0.27	1.0
Boron	EPA200.8	0.061	0.75
Cadmium	EPA200.8	0.00029	0.01
Chromium	EPA200.8	<0.01	0.05
Cobalt	EPA200.8	0.0023	0.05
Copper	EPA200.8	0.0031	1.0
Iron	EPA200.8	1.1	1.0
Lead	EPA200.8	0.00065	0.05
Manganese	EPA200.8	1.3	0.2
Total Mercury	EPA245,1	<0.0002	0.002
Molybdenum	EPA200.8	0.007	1.0
Nickel	EPA200.8	0.024	0.2
Selenium	EPA200.8	<0.005	0.1
Silver	EPA200.8	<0.002	0.05
Uranium	EPA200.8	0.0026	0.03
Zinc	EPA200.8	0.23	10.0
Radioactivity			
Radium 226		NA	30 pC/L
Radium 228		NA	
Organics - Volatiles			
Benzene	SW8260B	0.0113	0.01
Carbon tetrachloride	SW8260B	<0.002	0.01
Chloroform	SW8260B	<0.002	0.10
1,1-Dichloroethane	SW8260B	<0.002	0.025
1,2-Dichloroethane	SW8260B	0.00254	0.01

Well:	KAFB106157 (POST WELL DEVELOPMENT)		
Sample ID:	106157-D-1		
Sample Date:	9/30/2013		
Parameter	Method	Sample Result (mg/L)	Permit Limit (mg/L)
1-1-Dichloroethylene	SW8260B	<0.002	0.005
Ethylbenzene	SW8260B	0.0504	0.75
Ethylene dibromide (EDB)	SW8011	0.000463	0.0001
Methylene chloride	SW8260B	0.00114	0.10
1,1,2,2-tetrachloroethane	SW8260B	<0.002	0.02
Tolulene	SW8260B	0.00118	0.75
1,1,1-Trichloroethane	SW8260B	<0.002	0.06
1,1,2-Trichloroethane	SW8260B	<0.002	0.01
Trichloroethylene	SW8260B	<0.002	0.005
Vinyl chloride	SW8260B	<0.001	0.001
Xylenes	SW8260B	<0.006	0.62
Organics - Semivolatiles			
Benzo(a)pyrene	SW8270D	<0.000192	0.0007
Napthalene + monomethylnaphthalenes	SW8270D	0.00819	0.03
Phenols	SW8270D	ND	0.005
Organics - Pesticides/PCBs			
Polychlorinated biphenyls	SW8082	<0.000463	0.001

Note
Metals data pending, dilution is needed.
Naphthalene and monomethylnaphthalenes include naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene
Phenol compounds consist of following

4-chloro-3-methylphenol	<0.00481	LOQ	
2-Chlorophenol	<0.00481	LOQ	
2,4-Dimethylphenol	<0.00481	DL	positive results down to the DL , no hits
2,4-Dinitrophenol	<0.00801	DL	positive results down to the DL , no hits
3-methylphenol/4-methylphenol	<0.00481	LOQ	
pentachlorophenol	<0.00481	DL	positive results down to the DL , no hits
Phenol	<0.00481	LOQ	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Tel: (314)298-8566

TestAmerica Job ID: 160-3933-1
Client Project/Site: Metals Analysis

For:
Empirical Laboratories, LLC
621 Mainstream Drive
Suite 270
Nashville, Tennessee 37228

Attn: Ms. Delia Weber

Authorized for release by:
10/9/2013 11:47:19 AM

Erika Gish, Project Manager I
(314)298-8566
erika.gish@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Job ID: 160-3933-1

Laboratory: TestAmerica St. Louis

Narrative

CASE NARRATIVE

Client: Empirical Laboratories, LLC

Project: Metals Analysis

Report Number: 160-3933-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica St. Louis attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results for Chemistry analyses are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The sample was received on 10/1/2013 9:10 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0° C.

METALS (ICP/MS)

Sample 106157-D-3 (160-3933-1) was analyzed for Metals (ICP/MS) in accordance with EPA Method 200.8. The samples were prepared on 10/02/2013 and analyzed on 10/07/2013 and 10/08/2013.

Analytical Batch 77010

Due to recent changes in the concentrations of the standards the LDR has been lowered for molybdenum (1000 ppb). The LCS/MS/MSD were above the LDR. The LCS and MS/MSD's were within acceptable QC limits. The MS/MSD is reported as an estimated value. (160-3933-1 MS), (160-3933-1 MSD), (LCS 160-75811/2-A)

Analytical Batch 77684

Due to recent changes in the concentrations of the standards, the LDR has been lowered for following element: Selenium (1000ppb). The

Job ID: 160-3933-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

LCS/MS/MSD were above the LDR. The LCS and MS/MSD's were within acceptable QC limits. The MS/MSD is reported as an estimated value. (160-3933-1 MS), (160-3933-1 MSD), (LCS 160-75811/2-A)

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

MERCURY

Sample 106157-D-3 (160-3933-1) was analyzed for mercury in accordance with EPA Method 245.1. The samples were prepared and analyzed on 10/08/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

Shaw Environmental and Infrastructure Inc., a CB&I Co.

CHAIN OF CUSTODY

cr130

Reference Document # 140705-GW - 106157

Page 1 of 1

PERMIT GW Sampling

Project Number: 140705
Project Name / Location: Kirtland AFB
Purchase Order #: (bill to Empirical, Brian Richard, 615-345-1115)
Shipment Date: 9/30/13
FedEx Number: 516511936886 80

Project Manager: Tom Cooper
Send Report To: Susan Huang
Phone/Fax Number: 925-288-2099
Address: 4005 Port Chicago Hwy
City: Concord, CA 94520
susan.huang@cbifederalservices.com

Lab Destination: Test America St. Louis Lab
Mon-Sat DELIVERY
13715 Rider Trail North
St. Louis, MO ~~63135~~ 63045
Lab Contact Name:
Phone #: 314-298-8566

Sampler's Name(s):

Sample ID Number	Location	Date	Time	Method	Matrix	# of containers	Preservative	Analyses Requested: Metals: EPA 200.7/EPA 245.1					
							Container						
Temperature Blank													
106157-D43	KAFB-106157	9/30/13	1645	G	GW	1			X				

Special Instructions: Please provide draft data in 1 week.

Turnaround Time: Standard 21 Day ☐ 24-hr ☐ 48-hr ☐ 3-day ◀ 5-day for Ura

Level Of QC Required: I II (III) IV Project Specific: unless IV requested

Relinquished By:	Date: 9/30/13 Time: 1900	Received By: Jill Clark	Date: 10.1.13 Time: 0910
Relinquished By:	Date: Time:	Received By:	Date: Time:

Method Codes
CS = Composite
G = Grab

Matrix Codes
GW = Groundwater

Page 5 of 15

10/9/2013

Login Sample Receipt Checklist

Client: Empirical Laboratories, LLC

Job Number: 160-3933-1

Login Number: 3933
List Number: 1
Creator: Clarke, Jill C

List Source: TestAmerica St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Not requested on COC.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method Summary

Client: Empirical Laboratories, LLC
Project/Site: Metals Analysis

TestAmerica Job ID: 160-3933-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL SL
245.1	Mercury (CVAA)	EPA	TAL SL

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Empirical Laboratories, LLC
Project/Site: Metals Analysis

TestAmerica Job ID: 160-3933-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-3933-1	106157-D-3	Water	09/30/13 16:45	10/01/13 09:10

Detection Summary

Client: Empirical Laboratories, LLC
Project/Site: Metals Analysis

TestAmerica Job ID: 160-3933-1

Client Sample ID: 106157-D-3

Lab Sample ID: 160-3933-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.65	J	3.0	0.17	ug/L	1		200.8	Total/NA
Aluminum	300		30	13	ug/L	1		200.8	Total/NA
Boron	61		50	10	ug/L	1		200.8	Total/NA
Barium	270		2.0	0.22	ug/L	1		200.8	Total/NA
Cadmium	0.29	J	0.50	0.10	ug/L	1		200.8	Total/NA
Cobalt	2.3		2.0	0.22	ug/L	1		200.8	Total/NA
Copper	3.1		3.0	0.45	ug/L	1		200.8	Total/NA
Iron	1100		50	20	ug/L	1		200.8	Total/NA
Manganese	1300		2.0	0.25	ug/L	1		200.8	Total/NA
Molybdenum	7.0		5.0	1.0	ug/L	1		200.8	Total/NA
Nickel	24		5.0	0.40	ug/L	1		200.8	Total/NA
Uranium	2.6		1.0	0.23	ug/L	1		200.8	Total/NA
Zinc	230		10	8.3	ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Empirical Laboratories, LLC
Project/Site: Metals Analysis

TestAmerica Job ID: 160-3933-1

Client Sample ID: 106157-D-3
Date Collected: 09/30/13 16:45
Date Received: 10/01/13 09:10

Lab Sample ID: 160-3933-1
Matrix: Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**0.65**	**J**	3.0	0.17	ug/L		10/02/13 12:19	10/07/13 21:47	1
Silver	ND		2.0	0.77	ug/L		10/02/13 12:19	10/07/13 21:47	1
Aluminum	**300**		30	13	ug/L		10/02/13 12:19	10/07/13 21:47	1
Arsenic	ND		10	1.2	ug/L		10/02/13 12:19	10/07/13 21:47	1
Boron	**61**		50	10	ug/L		10/02/13 12:19	10/08/13 19:59	1
Barium	**270**		2.0	0.22	ug/L		10/02/13 12:19	10/07/13 21:47	1
Cadmium	**0.29**	**J**	0.50	0.10	ug/L		10/02/13 12:19	10/07/13 21:47	1
Cobalt	**2.3**		2.0	0.22	ug/L		10/02/13 12:19	10/07/13 21:47	1
Chromium	ND		10	3.3	ug/L		10/02/13 12:19	10/07/13 21:47	1
Copper	**3.1**		3.0	0.45	ug/L		10/02/13 12:19	10/07/13 21:47	1
Iron	**1100**		50	20	ug/L		10/02/13 12:19	10/07/13 21:47	1
Manganese	**1300**		2.0	0.25	ug/L		10/02/13 12:19	10/07/13 21:47	1
Molybdenum	**7.0**		5.0	1.0	ug/L		10/02/13 12:19	10/07/13 21:47	1
Nickel	**24**		5.0	0.40	ug/L		10/02/13 12:19	10/07/13 21:47	1
Selenium	ND		5.0	1.6	ug/L		10/02/13 12:19	10/08/13 19:59	1
Uranium	**2.6**		1.0	0.23	ug/L		10/02/13 12:19	10/07/13 21:47	1
Zinc	**230**		10	8.3	ug/L		10/02/13 12:19	10/07/13 21:47	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		10/08/13 11:29	10/08/13 12:18	1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 160-75811/1-A
Matrix: Water
Analysis Batch: 77010

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		3.0	0.17	ug/L		10/02/13 12:19	10/07/13 21:34	1
Silver	ND		2.0	0.77	ug/L		10/02/13 12:19	10/07/13 21:34	1
Aluminum	ND		30	13	ug/L		10/02/13 12:19	10/07/13 21:34	1
Arsenic	ND		10	1.2	ug/L		10/02/13 12:19	10/07/13 21:34	1
Barium	ND		2.0	0.22	ug/L		10/02/13 12:19	10/07/13 21:34	1
Cadmium	ND		0.50	0.10	ug/L		10/02/13 12:19	10/07/13 21:34	1
Cobalt	ND		2.0	0.22	ug/L		10/02/13 12:19	10/07/13 21:34	1
Chromium	ND		10	3.3	ug/L		10/02/13 12:19	10/07/13 21:34	1
Copper	ND		3.0	0.45	ug/L		10/02/13 12:19	10/07/13 21:34	1
Iron	ND		50	20	ug/L		10/02/13 12:19	10/07/13 21:34	1
Manganese	ND		2.0	0.25	ug/L		10/02/13 12:19	10/07/13 21:34	1
Molybdenum	ND		5.0	1.0	ug/L		10/02/13 12:19	10/07/13 21:34	1
Nickel	ND		5.0	0.40	ug/L		10/02/13 12:19	10/07/13 21:34	1
Uranium	ND		1.0	0.23	ug/L		10/02/13 12:19	10/07/13 21:34	1
Zinc	ND		10	8.3	ug/L		10/02/13 12:19	10/07/13 21:34	1

Lab Sample ID: MB 160-75811/1-A
Matrix: Water
Analysis Batch: 77684

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 75811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		50	10	ug/L		10/02/13 12:19	10/08/13 19:46	1
Selenium	ND		5.0	1.6	ug/L		10/02/13 12:19	10/08/13 19:46	1

Lab Sample ID: LCS 160-75811/2-A
Matrix: Water
Analysis Batch: 77010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	1000	990		ug/L		99	85 - 115
Silver	100	96.3		ug/L		96	85 - 115
Aluminum	10000	9440		ug/L		94	85 - 115
Arsenic	1000	1010		ug/L		101	85 - 115
Barium	1000	1040		ug/L		104	85 - 115
Cadmium	1000	1000		ug/L		100	85 - 115
Cobalt	1000	1020		ug/L		102	85 - 115
Chromium	1000	1010		ug/L		101	85 - 115
Copper	1000	1000		ug/L		100	85 - 115
Iron	10000	10100		ug/L		101	85 - 115
Manganese	1000	1010		ug/L		101	85 - 115
Molybdenum	1000	1080		ug/L		108	85 - 115
Nickel	1000	1030		ug/L		103	85 - 115
Uranium	1000	992		ug/L		99	85 - 115
Zinc	1000	1020		ug/L		102	85 - 115

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 160-75811/2-A
Matrix: Water
Analysis Batch: 77684

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	1000	1040		ug/L		104	85 - 115
Selenium	1000	1040		ug/L		104	85 - 115

Lab Sample ID: 160-3933-1 MS
Matrix: Water
Analysis Batch: 77010

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	0.65	J	1000	986		ug/L		99	70 - 130
Silver	ND		100	96.1		ug/L		96	70 - 130
Aluminum	300		10000	9650		ug/L		93	70 - 130
Arsenic	ND		1000	1010		ug/L		101	70 - 130
Barium	270		1000	1300		ug/L		104	70 - 130
Cadmium	0.29	J	1000	996		ug/L		100	70 - 130
Cobalt	2.3		1000	1000		ug/L		100	70 - 130
Chromium	ND		1000	1020		ug/L		102	70 - 130
Copper	3.1		1000	958		ug/L		95	70 - 130
Iron	1100		10000	10900		ug/L		98	70 - 130
Manganese	1300		1000	2330		ug/L		102	70 - 130
Molybdenum	7.0		1000	1070		ug/L		106	70 - 130
Nickel	24		1000	1020		ug/L		99	70 - 130
Uranium	2.6		1000	1020		ug/L		101	70 - 130
Zinc	230		1000	1210		ug/L		98	70 - 130

Lab Sample ID: 160-3933-1 MS
Matrix: Water
Analysis Batch: 77684

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Boron	61		1000	1090		ug/L		103	70 - 130
Selenium	ND		1000	1010		ug/L		101	70 - 130

Lab Sample ID: 160-3933-1 MSD
Matrix: Water
Analysis Batch: 77010

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	0.65	J	1000	992		ug/L		99	70 - 130	1	20
Silver	ND		100	96.4		ug/L		96	70 - 130	0	20
Aluminum	300		10000	9510		ug/L		92	70 - 130	1	20
Arsenic	ND		1000	992		ug/L		99	70 - 130	2	20
Barium	270		1000	1300		ug/L		103	70 - 130	0	20
Cadmium	0.29	J	1000	993		ug/L		99	70 - 130	0	20
Cobalt	2.3		1000	972		ug/L		97	70 - 130	3	20
Chromium	ND		1000	995		ug/L		99	70 - 130	3	20
Copper	3.1		1000	941		ug/L		94	70 - 130	2	20
Iron	1100		10000	10600		ug/L		95	70 - 130	3	20
Manganese	1300		1000	2280		ug/L		98	70 - 130	2	20
Molybdenum	7.0		1000	1060		ug/L		105	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 160-3933-1 MSD
Matrix: Water
Analysis Batch: 77010

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nickel	24		1000	991		ug/L		97	70 - 130	2	20
Uranium	2.6		1000	1020		ug/L		102	70 - 130	0	20
Zinc	230		1000	1180		ug/L		95	70 - 130	2	20

Lab Sample ID: 160-3933-1 MSD
Matrix: Water
Analysis Batch: 77684

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 75811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Boron	61		1000	1120		ug/L		106	70 - 130	3	20
Selenium	ND		1000	1020		ug/L		102	70 - 130	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 160-76982/1-A
Matrix: Water
Analysis Batch: 77049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.050	ug/L		10/08/13 11:29	10/08/13 12:15	1

Lab Sample ID: LCS 160-76982/2-A
Matrix: Water
Analysis Batch: 77049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	4.96		ug/L		99	85 - 115

Lab Sample ID: 160-3933-1 MS
Matrix: Water
Analysis Batch: 77049

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 76982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		5.00	4.81		ug/L		96	70 - 130

Lab Sample ID: 160-3933-1 MSD
Matrix: Water
Analysis Batch: 77049

Client Sample ID: 106157-D-3
Prep Type: Total/NA
Prep Batch: 76982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		5.00	4.95		ug/L		99	70 - 130	3	20

QC Association Summary

Client: Empirical Laboratories, LLC
Project/Site: Metals Analysis

TestAmerica Job ID: 160-3933-1

Metals

Prep Batch: 75811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-3933-1	106157-D-3	Total/NA	Water	200.7/200.8	
160-3933-1 MS	106157-D-3	Total/NA	Water	200.7/200.8	
160-3933-1 MSD	106157-D-3	Total/NA	Water	200.7/200.8	
LCS 160-75811/2-A	Lab Control Sample	Total/NA	Water	200.7/200.8	
MB 160-75811/1-A	Method Blank	Total/NA	Water	200.7/200.8	

Prep Batch: 76982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-3933-1	106157-D-3	Total/NA	Water	245.1	
160-3933-1 MS	106157-D-3	Total/NA	Water	245.1	
160-3933-1 MSD	106157-D-3	Total/NA	Water	245.1	
LCS 160-76982/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 160-76982/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 77010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-3933-1	106157-D-3	Total/NA	Water	200.8	75811
160-3933-1 MS	106157-D-3	Total/NA	Water	200.8	75811
160-3933-1 MSD	106157-D-3	Total/NA	Water	200.8	75811
LCS 160-75811/2-A	Lab Control Sample	Total/NA	Water	200.8	75811
MB 160-75811/1-A	Method Blank	Total/NA	Water	200.8	75811

Analysis Batch: 77049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-3933-1	106157-D-3	Total/NA	Water	245.1	76982
160-3933-1 MS	106157-D-3	Total/NA	Water	245.1	76982
160-3933-1 MSD	106157-D-3	Total/NA	Water	245.1	76982
LCS 160-76982/2-A	Lab Control Sample	Total/NA	Water	245.1	76982
MB 160-76982/1-A	Method Blank	Total/NA	Water	245.1	76982

Analysis Batch: 77684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
160-3933-1	106157-D-3	Total/NA	Water	200.8	75811
160-3933-1 MS	106157-D-3	Total/NA	Water	200.8	75811
160-3933-1 MSD	106157-D-3	Total/NA	Water	200.8	75811
LCS 160-75811/2-A	Lab Control Sample	Total/NA	Water	200.8	75811
MB 160-75811/1-A	Method Blank	Total/NA	Water	200.8	75811