Texas Brine Company, LLC
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January 4, 2012

Commissioner James H. Welsh
P.O. Box 94275
Baton Rouge, LA 70804

RE: In response to State of Louisiana Department of Natural Resources Office of Conservation's Second Amendment to Declaration of Emergency and Directive

Commissioner Welsh,

In response to the Second Amendment and Declaration of Emergency and Directive order issued by the Louisiana Department of Natural Resources (LDNR), Office of Conservation on September 25, 2012, Texas Brine Company, LLC (TPC) understands the seven items listed in the document.

In the above mentioned, TBC was specifically directed and ordered to perform certain tasks outlined in the above mentioned document. Below are the required responses, as directed.

1. TBC's counsel provided LDNR legal counsel with a response to Directives 1-3 on September 28, 2012.
2. TBC understands Directive 4, which is to provide all daily logs and field notes from all contractors conducting investigation into subsidence and natural gas bubbling. The Daily Action Summary and results for current information can be found in the Attachment section of this report.
3. TBC understands Directive 5, which directs TBC to immediately allow for split or share any sample taken on site related to Well 3A (Serial Number 974265), the cavern, other wells facilities or other site locations. The Daily Action Summary of today's collection can be found in Attachment section of this report.
4. TBC understands Directive 6, which directs TBC to immediately report the results (final and preliminary) of any tests, logs samples or data collection performed on Well 3A, the cavern, other wells, facilities or site locations that indicate a change in any previously known conditions related to the investigation of the subsidence or natural gas bubbling

events, and continue to report any such results. The Daily Action Summary and the Results related to this Directive can be found in Attachment section of this report.

5. TBC understands the Directive 7, which states that TBC will provide a daily summary of all tests, or logs performed or samples taken from Well 3A and the cavern as well as any results of those tests or logs, including preliminary as of September 25, 2012 and going forward. The Daily Summary and Results related to this Directive can be found in Attachment section of this report.

Please note that the drilling rig used for the Observation Well 3A has been removed and the site is being rigged down and returned to pre-drilling condition. As such, daily drilling reports for this well have ceased. Plans are being made for longer term potential gas venting/flaring requirements and possible hydrocarbon material recover from Well 3A.

In addition, previous daily summary reports issued to LDNR have included significant duplicate information as there is a fair amount of overlap in the information requested in each of the Directives included in the September 25, 2012 order. All requested information associated with the Directives issued in the September 25, 2012 order are included in the Attachment section of this report.

TBC believes that the submittal of this report satisfies the requirements of the Declaration of Emergency and Directive issued on September 25, 2012. As directed this report is submitted by email to conservationorder@la.gov, ref. "Emergency Declaration-Texas Brine Company LLC-9/25/2012.

Bruce E. Martin

Vice President, Operations

Texas Brine Company, LLC

Summary Table for Daily Events

TBC Oxy Grand Bayou Data Management-Environmental								
Contractor	**Responsibilities**	**Collected By**	**Date Collected**	**Delivered to Lab**	**Results from Lab**	**Laboratory**	**Method**	**Date to Agencies**
Sage	Stationary Air Monitoring	Steve Shaughnessy - 07:50 - 08:55 Shane Rojas (Code Red) - 07:00 - 17:00	1/3/2013	No	No	No	AreaRAE Monitors	1/4/2013
	Residential Air Monitoring	No work performed	1/3/2013	NA	NA	NA	NA	NA
	Gas Seep Sampling	No work performed	1/3/2013	NA	NA	NA	NA	NA
	Well Gas Sampling	No work performed	1/3/2013	NA	NA	NA	NA	NA
	Indoor Air Monitoring	Jill Martin and William Verrett Site 91 – 9:28-9:47 Site 116 – 10:11-10:29 Site 70 – 10:52-11:13	1/3/2013	NA	NA	NA	Hand-held Multipro Monitor	1/4/2013
Respec	Inclinometer	W. Goodman	1/4/2013	NA	Read from Atlas	NA	NA	NA
	Tilt Meter	W. Goodman	1/4/2013	NA	Read from Atlas	NA	NA	NA
Miller	Weekly Stability Survey	Joel Miller/Matt Fore	1/3/2013	NA	NA	NA	NA	NA
	Misc. Survey Work	Joel Miller/Matt Fore	1/3/2013	NA	NA	NA	NA	NA
	Sinkhole Hydro/Perimeter Survey	No Work Performed	1/3/2013	NA	NA	NA	NA	NA
Pisani	Surface Water	NA	NA	NA	NA	NA	NA	NA
	Well Water	NA	NA	NA	NA	NA	NA	NA
	Geoprobe Wells	PMR/JCS	1/3/2013	1/3/2013	NA	GCAL/Isotech	Chlorides -Method 4500; TPH DRO and GRO - Method 8015; TPH Fractions - Method 1006; Compositional Gas - N3	NA

Grand Bayou Well 3A

Daily Operations at 3A	**Summary of Today's events**										
1/3/2012	**OXY 3A**										
	7 am 628 casing										
	Relief Well # 1										
	1/2-3/2013	7:00 AM	7:00 AM	24.00	.500"	86.20	2068.84	2068.84	.24psi	Metered CFM	
	1/3-4/2013	7:00 AM	7:00 AM	24.00	.500"	0.84	20.19	2089.03	.34psi	Metered CFM	

Attachments

Daily Action Summary

January 03, 2013

Stationary Air Monitoring

- Steve Shaughnessy onsite from 07:50 to 08:55. Changed out the monitors between 08:12 and 08:46. Collected data from the monitoring database and forwarded to Jill Martin in the Baton Rouge office for processing.

- Shane Rojas of Code Red (monitor sub-contractor) onsite from 07:00 to 17:00. Assisted in battery change outs and maintenance of the monitoring equipment.

Residential Air Monitoring

- Not Scheduled

Gas Seep Sampling

- Not Scheduled

Well Gas Sampling

- Not Scheduled

Air Indoor Monitoring

- Jill Martin and William Verrett performed the in-home LEL monitoring between 9:28 to 9:47 for Site 91, 10:11 to 10:29 for Site 116, 10:52 to 11:13 for Site 70, and 13:03 to 13:10 for Site 86. Data collected from the monitoring was forwarded to Jill Martin in the Baton Rouge office for processing.

Texas Brine - Belle Rose, Louisiana
Hourly Air Monitoring Data

*Time indicates start of time period (ex. 12:00:00 AM gives the time period 12:00:00 AM to 12:59:59 AM)

	South-most Pipeline Site					Middle-most Pipeline Site					North-most Pipeline Site					On Drill Rig Boom					Relief Well				
	AM-3					AM-2					AM-1					OG 3A-1					RW-1				
Date-Time *	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	SO2 (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)	CO (ppm)	Non-Methane VOC (ppm)	H2S (ppm)	LEL (%)	O2 (%)
01/03/2013 01:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	3.1	20.5	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.2	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 02:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	3.1	20.5	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	3.2	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 03:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	3.1	20.5	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.2	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 04:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	<1.0	3.2	20.5	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.3	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 05:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	3.2	20.4	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.3	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 06:00:00 AM	<1.0	<1.0	0.0	0.0	20.9	0.0	0.0	0.0	3.3	20.4	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.3	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 07:00:00 AM	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	3.4	20.4	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	3.4	20.9	0.0	0.0	0.0	0.0	20.9
01/03/2013 08:00:00 AM	<1.0	<1.0	<1.0	0.0	21.2	0.0	0.0	0.0	<1.0	21.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	2.3	21.0	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 09:00:00 AM	<1.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	21.0	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	21.0	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 10:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 11:00:00 AM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 12:00:00 PM	<1.0	<1.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9
01/03/2013 01:00:00 PM	<1.0	0.0	<1.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 02:00:00 PM	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 03:00:00 PM	<1.0	0.0	<1.0	0.0	21.4	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	<1.0	0.0	20.9
01/03/2013 04:00:00 PM	0.0	0.0	<1.0	0.0	21.3	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	21.1
01/03/2013 05:00:00 PM	0.0	0.0	<1.0	0.0	21.2	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	<1.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 06:00:00 PM	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	2.8	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	0.0	0.0	0.0	20.9
01/03/2013 07:00:00 PM	0.0	0.0	<1.0	0.0	21.0	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 08:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.1	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 09:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	3.0	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 10:00:00 PM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	<1.0	3.2	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/03/2013 11:00:00 PM	0.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.4	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9
01/04/2013 12:00:00 AM	<1.0	0.0	<1.0	0.0	20.9	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	3.5	20.9	0.0	0.0	0.0	0.0	20.9	<1.0	<1.0	0.0	0.0	20.9

LEL Indoor Monitoring Locations

Through 1/3/2013

Sportsman Drive Locations

SAGE
ENVIRONMENTAL CONSULTING

LEL Indoor Monitoring Locations

Through 1/3/2013

Crawfish Stew Street and Sauce Piquante Lane Locations

SAGE
ENVIRONMENTAL CONSULTING

LEL Indoor Monitoring Locations

Through 1/3/2013

Grand Bayou Street Locations

SAGE
ENVIRONMENTAL CONSULTING

Indoor Residential Monitoring - Site 91 Bayou Corne, LA January 3, 2013								
Index	Rooms Monitored	Number of Readings Taken In Reach Area/Room	LEL Reading Results (%)					
1	Kitchen	6	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading
2	Dining Room	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
3	Guest Bedroom (in Living Room Area)	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A	N/A
4	Laundry Room	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
5	Bathroom	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
6	Master Bedroom	1	No Detectable Reading	N/A	N/A	N/A	N/A	N/A
7	Closet in Master Bedroom	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
8	Storage Room (former enclosed garage)	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
9	Half Bathroom in Storage Room (former enclosed garage)	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
10	Closet in Storage Room (former enclosed garage)	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A	N/A
11	Office	1	No Detectable Reading	N/A	N/A	N/A	N/A	N/A
12	Left Closet in Office	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
13	Right Closet in Office	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A	N/A
14	Sunroom	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A

Indoor Residential Monitoring - Site 116 Bayou Corne, LA January 3, 2012							
Index	Rooms Monitored	Number of Readings Taken In Reach Area/Room	LEL Reading Results (%)				
1	Kitchen	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
2	Laundry Room/Half Bathroom	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Readings
3	Breakfast Room	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
4	Dining Room	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
5	Living Room	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
6	Hall Closet	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
7	Hall Bathroom	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Readings
8	Workout Room	1	No Detectable Reading	N/A	N/A	N/A	N/A
9	Closet in Workout Room	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
10	Master Bedroom	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
11	Left Closet in Master Bedroom	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
12	Right Closet in Master Bedroom	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
13	Master Bathroom	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Readings
14	Boy Room	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
15	Closet in Boy Room	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
16	Storage Shed	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A

Indoor Residential Monitoring - Site 70 Bayou Corne, LA January 3, 2012							
Index	Rooms Monitored	Number of Readings Taken In Reach Area/Room	LEL Reading Results (%)				
1	Kitchen	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading
2	Laundry Room	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
3	Hall Bathroom	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
4	Guest Bedroom	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
5	Closet in Guest Bedroom	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
6	Living Room	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
7	Dining Room	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
8	Office	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
9	Master Bedroom	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
10	Closet in Master Bedroom	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
11	Master Bathroom	4	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A
12	Toilet Room in Master Bathroom	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
13	Closet in Master Bathroom	2	No Detectable Reading	No Detectable Reading	N/A	N/A	N/A
14	Garage	1	No Detectable Reading	N/A	N/A	N/A	N/A
15	Closet in Garage	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A
16	Water Heater Closet in Garage	1	No Detectable Reading	N/A	N/A	N/A	N/A

Indoor Residential Monitoring - Site 86 Bayou Corne, LA January 3, 2013							
Index	Rooms Monitored	Number of Readings Taken In Reach Area/Room	LEL Reading Results (%)				
1	Storage Shed	5	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading	No Detectable Reading
2	Half Bathroom in Storage Shed	3	No Detectable Reading	No Detectable Reading	No Detectable Reading	N/A	N/A

TEXAS BRINE
MEA JOB NO. 13512

POINT	DESCRIPTION	ACQUIRED BY	ELEV. 7/28/12	ELEV. OR DELTA 7/29/12	DELTA 7/30/12	ELEV. OR DELTA 7/31/12	DELTA 8/1/12	ELEV. OR DELTA 8/2/12	ELEV. OR DELTA 8/4/12	DELTA 8/5/12	DELTA 8/6/12	DELTA 8/7/12	DELTA 8/8/12	DELTA 8/10/12	ELEV. OR DELTA 8/13/12	DELTA 8/15/12	DELTA 8/17/12	DELTA 8/20/12	DELTA 8/22/12	DELTA 8/24/12	DELTA 8/27/12	DELTA 8/31/12	DELTA 9/5/12	DELTA 9/12/12	DELTA 9/19/12	DELTA 9/26/12	DELTA 10/3/12	DELTA 10/10/12	DELTA 10/17/12	DELTA 10/25/12	DELTA 10/30/12	DELTA 10/30/12	DELTA 11/16/12	DELTA 11/21/12	DELTA 11/28/12	DELTA 12/5/12	DELTA 12/13/12	DELTA 12/19/12	DELTA 12/26/12	DELTA 1/2/13
GPS BASE	IRON ROD SET IN EDGE OF LIMESTONE ROAD	OPUS*	5.97	-	-	-	-	-		-	-	-	-	-	-	-																								
REFERENCE PT.	3/4" I.P. SET NEAR EDGE OF WELL PAD	LEVEL	5.13	-	-	(01)	-	-	(01)	-	-	0.01	-	-	-	-																								
WELL 10	TOP OF FLANGE, EAST SIDE, 2.9'+/- ABOVE CONC.	LEVEL	9.38	-	0.01	-	-	-	-	0.01	0.01	-	-	-	-	-																								
WELL 9	TOP OF FLANGE, EAST SIDE, 1.8'+/- ABOVE CONC.	LEVEL	7.11	0.01	(0.01)	(0.03)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	-	-	(0.02)	(0.02)	(0.01)																								
T.B.M.2	SET 60d NAIL IN POWER POLE	LEVEL	5.79	0.01	(0.01)	(0.03)	(0.03)	(0.02)	(0.03)	(0.01)	(0.01)	-	-	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	-	-	-	-	-	-	-
WATER WELL 2	TOP OF BELL HOUSING, SOUTH SIDE, 1.8' ABOVE CONC.	LEVEL	8.67	0.02	(0.01)	(0.02)	(0.02)	-	(0.02)	-	(0.01)	0.01	0.01	(0.01)	(0.02)	-	0.01	-	-	0.01	-	-	-	0.02	-	Removed	Reinstalled at 8.67	(0.01)		(0.01)	0.01	(0.01)	-	(0.01)	(0.01)	-	0.01	(0.01)	(0.01)	-
WELL 2	TOP OF FLANGE, EAST SIDE, 4.1'+/- ABOVE CONC.	LEVEL	9.67	-	(0.01)	(0.04)	(0.04)	(0.02)	(0.03)	(0.01)	(0.02)	-	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	-	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	-	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)
WATER WELL 5	TOP OF FLANGE INSIDE BELL HOUSING	LEVEL	10.22	(0.01)	(0.02)	(0.04)	(0.04)	(0.06)	(0.04)	(0.02)	(0.03)	(0.03)	(0.03)	(0.04)		(0.03)		(0.05)	(0.05)	(0.06)	(0.03)	(0.07)	(0.08)	(0.06)	(0.10)	(0.10)	Removed							(0.12)	(0.13)	(0.14)	(0.16)	(0.15)	(0.16)	(0.16)
WELL 3	90D BEND ON 2" RISER	LEVEL	8.14	(0.01)	(0.03)	(0.05)	(0.05)	(0.06)	(0.05)	(0.03)	(0.04)	(0.04)	(0.03)	(0.05)	(0.06)	(0.04)	(0.04)	(0.06)	(0.06)	(0.06)	(0.04)	(0.08)	(0.08)	(0.07)	(0.11)	(0.11)	(0.11)	(0.12)	(0.11)	(0.12)	(0.14)	(0.17)	(0.17)	(0.18)	(0.19)	(0.20)	(0.23)	(0.21)	(0.22)	(0.23)
T.B.M. 3	SET 60D NAIL IN 14" CYPRESS TREE	LEVEL	4.92		(0.01)	(0.03)	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)	-	(0.01)	(0.03)		(0.01)		(0.02)	(0.03)	(0.03)	(0.01)	(0.04)	(0.05)	(0.03)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.07)	(0.09)	(0.11)	(0.09)	(0.10)	(0.11)	(0.12)	(0.11)	(0.11)	(0.11)
T.B.M. 3A	SET 60D NAIL IN 6" MAPLE TREE	LEVEL	6.15	-	(0.02)	(0.04)	(0.05)	(0.06)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.07)				(0.09)	(0.10)	(0.11)	(0.09)	(0.14)	(0.15)	(0.15)	(0.20)	(0.23)	(0.23)			(0.28)			(0.48)	(0.49)	(0.53)	(0.57)	(0.61)	(0.60)	(0.63)	(0.65)
T.B.M. 3B	SET 60D NAIL IN CYPRESS TREE	LEVEL				4.77	(0.01)	(0.01)			-	0.04																												
T.B.M. 3C	SET 60D NAIL IN CYPRESS TREE	LEVEL				4.42	-	(0.02)			(0.03)	-																												
T.B.M. 1	SE CORNER OF BUILDING	LEVEL	5.38	(0.02)	(0.03)	(0.05)	(0.06)	(0.04)	(0.05)	(0.02)	(0.03)	(0.01)	(0.01)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.05)	(0.03)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.06)	(0.06)
WATER WELL 1	TOP OF 1/2" NIPPLE ON 90D BEND	LEVEL	8.72	-	(0.01)	(0.04)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	-	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	-	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.04)	(0.01)	(0.02)	(0.03)	(0.04)	(0.03)	(0.04)	(0.05)	(0.04)	(0.05)	(0.05)
TANK "E" - A	WEST SIDE OF TANK	LEVEL	7.1	(0.01)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)	(0.02)	-	(0.01)	(0.03)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.01)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.05)	(0.03)	(0.04)	(0.05)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.07)	(0.07)
TANK "E" - B	SOUTH SIDE OF TANK	LEVEL	7.23	(0.01)	(0.03)	(0.06)	(0.05)	(0.05)	(0.04)	(0.02)	(0.02)	-	(0.02)	(0.03)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.01)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.06)	(0.06)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)
TANK "E" - C	EAST SIDE OF TANK	LEVEL	7.43	(0.01)	(0.01)	(0.04)	(0.05)	(0.05)	(0.03)	0.04	(0.01)	-	(0.01)	(0.04)	(0.01)	(0.03)	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.04)	(0.03)	-	-	(0.03)	(0.02)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.05)	(0.05)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.05)
TANK "E" - D	NORTH SIDE OF TANK	LEVEL	7.33	(0.02)	(0.02)	(0.05)	(0.05)	(0.05)	(0.03)	0.03	(0.02)	(0.01)	(0.02)	(0.05)	(0.02)	(0.04)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.05)	(0.04)	(0.02)	(0.04)	(0.04)	(0.03)	(0.05)	(0.03)	(0.05)	(0.04)	(0.03)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.06)
TANK "W" - A	WEST SIDE OF TANK	LEVEL	6.89	-	-	(0.02)	(0.02)	(0.02)	(0.01)	0.02	-	0.02	-	(0.02)	0.01	(0.01)	0.01	-	(0.02)	(0.02)	(0.01)	(0.03)	(0.03)	(0.02)	0.01	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.04)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.06)
TANK "W" - B	SOUTH SIDE OF TANK	LEVEL	6.86	(0.01)	(0.02)	(0.05)	(0.05)	(0.03)	(0.03)	(0.02)	(0.01)	-	(0.02)	(0.04)	(0.01)	(0.03)	(0.01)	(0.02)	(0.04)	(0.04)	0.02	(0.04)	(0.04)	(0.01)	(0.05)	(0.04)	(0.03)	(0.04)	(0.04)	(0.06)	(0.03)	(0.05)	(0.05)	(0.06)	(0.06)	(0.07)	(0.07)	(0.06)	(0.08)	(0.08)
TANK "W" - C	EAST SIDE OF TANK	LEVEL	6.85	(0.02)	(0.03)	(0.06)	(0.05)	(0.05)	(0.03)	(0.02)	(0.02)	-	(0.02)	(0.04)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.01)	(0.01)	(0.04)	(0.03)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.08)
TANK "W" - D	NORTH SIDE OF TANK	LEVEL	6.92	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)	(0.04)	(0.01)	(0.02)	(0.01)	(0.02)	(0.05)	(0.02)	(0.04)	(0.01)	(0.03)	(0.05)	(0.04)	(0.09)	(0.05)	(0.04)	(0.02)	(0.04)	(0.05)	(0.05)	(0.05)	(0.02)	(0.06)	(0.04)	(0.04)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.07)	(0.08)	(0.09)
WELL 1	TOP OF FLANGE, SOUTH SIDE, 3.2'+/- ABOVE CONC.	LEVEL	9.62	(0.01)	(0.01)	(0.03)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	-	(0.01)	(0.03)	-	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)	(0.03)	(0.02)	(0.02)	(0.04)	(0.03)	(0.04)	(0.01)	(0.02)	(0.04)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.05)
OXY #4 MON.	STAINLESS ROD UNDER ALUMINUM CAP	GPS RTK				1.57	(0.02)	(0.02)	(0.06)	-	(0.09)	(0.11)		(0.01)																										
OXY #5 MON.	STAINLESS ROD UNDER ALUMINUM CAP	GPS RTK		1.79	(0.04)	(0.06)	(0.07)	(0.02)	-	(0.05)	(0.09)	(0.19)		(0.10)																										
T.B.M. 4	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK				4.31	0.03	-	0.04		0.09	0.04		0.09	0.03	0.07		0.04	(0.05)	0.09	(0.02)	(0.02)	0.02	0.02																
T.B.M. 5	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK				3.53	(0.10)	(0.04)	0.01		(0.05)	(0.01)		(0.07)	(0.12)	(0.17)		(0.17)	(0.11)	(0.11)	(0.14)	(0.17)	(0.26)	(0.26)																
T.B.M. 6	SET 1 1/2" I.P. NEAR PIPELINE R/W	GPS RTK				2.87	0.03	0.01	(0.02)		(0.02)	0.08		(0.11)	(0.06)		-	(0.07)	(0.07)	(0.07)	(0.10)	(0.11)	FND DISTURBED																
OXY GPS 4	STAINLESS ROD UNDER ALUMINUM CAP	LEVEL						1.88	(0.01)	0.01	-	0.01	0.01	0.01	-	-																								
WELL 3 CASING	TOP OF CASING AT PUNCH MARK	LEVEL													4.72	0.02	0.02	-	-	(0.01)	0.01	(0.02)	(0.03)	(0.01)	(0.02)	(0.06)	(0.03)	(0.05)	(0.05)	(0.05)	(0.05)	(0.07)	(0.06)	(0.06)	(0.07)	(0.07)	(0.13)	(0.09)	(0.09)	(0.10)

NOTE:
DATUM = NAVD88 (GEOID12A) IN US SURVEY FEET.
ALL DELTAS ARE FROM 7/28/2012 TO DATE OF OBSERVATION.
* OPUS DATA BASED ON 2010 OBSERVATION. SEE OPUS TAB FOR DAILY SOLUTIONS.
AUTOMATIC LEVEL ACCURACY = +/- .005'.
GPS RTK VERTICAL ACCURACY = +/- 2 CENTIMETERS ~ +/-0.07'.
0.00 = INCREASE
0.00 = DECREASE
- = NO CHANGE

	7/28/12	7/29/12	7/30/12	7/31/12	8/1/12	8/2/12	8/4/12	8/5/12	8/6/12	8/7/12	8/8/12	8/10/12	8/13/12	8/15/12	8/17/12	8/20/12	8/22/12	8/24/12	8/27/12	8/31/12	9/5/12	9/12/12	9/19/12	9/26/12	10/3/12	10/10/12	10/17/12	10/25/12	10/30/12	10/30/12	11/16/12	11/21/12	11/28/12	12/5/12	12/13/2012	12/19/2012	12/26/2012	1/2/13
GPS BASE	0		0	0.00	0.00	0.00		0	0	0	0	0	0	0																									
REFERENCE PT.	0	0	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0	0.01	0.00	0.00	0.00	0.00																									
WELL 10	0	0	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00																									
WELL 9	0	0.01	(0.01)	(0.03)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	0.00	0.00	(0.02)	(0.02)	(0.01)																									
T.B.M.2	0	0.01	(0.01)	(0.03)	(0.03)	(0.02)	(0.03)	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER WELL 2	0	0.02	(0.01)	(0.02)	(0.02)	0.00	(0.02)	0.00	(0.01)	0.01	0.01	(0.01)	(0.02)	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00			(0.01)		(0.01)	0.01	(0.01)	0.00	(0.01)	(0.01)	0.00	0.01	(0.01)	(0.01)	0.00
WELL 2	0	0	(0.01)	(0.04)	(0.04)	(0.02)	(0.03)	(0.01)	(0.02)	0.00	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.00	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)
WATER WELL 5	0	(0.01)	(0.02)	(0.04)	(0.04)	(0.06)	(0.04)	(0.02)	(0.03)	(0.03)	(0.03)	(0.04)		(0.03)		(0.05)	(0.05)	(0.06)	(0.03)	(0.07)	(0.08)	(0.06)	(0.10)	(0.10)								(0.12)	(0.13)	(0.14)	(0.16)	(0.15)	(0.16)	(0.16)
WELL 3	0	(0.01)	(0.03)	(0.05)	(0.05)	(0.06)	(0.05)	(0.03)	(0.04)	(0.04)	(0.03)	(0.05)	(0.06)	(0.04)	(0.04)	(0.06)	(0.06)	(0.06)	(0.04)	(0.08)	(0.08)	(0.07)	(0.11)	(0.11)	(0.11)	(0.12)	(0.11)	(0.12)	(0.14)	(0.17)	(0.17)	(0.18)	(0.19)	(0.20)	(0.23)	(0.21)	(0.22)	(0.23)
T.B.M. 3	0		(0.01)	(0.03)	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)	0.00	(0.01)	(0.03)		(0.01)		(0.02)	(0.03)	(0.03)	(0.01)	(0.04)	(0.05)	(0.03)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.06)	(0.07)	(0.09)	(0.11)	(0.09)	(0.10)	(0.11)	(0.12)	(0.11)	(0.11)	(0.11)
T.B.M. 3A	0	0	(0.02)	(0.04)	(0.05)	(0.06)	(0.05)	(0.04)	(0.05)	(0.04)	(0.04)	(0.07)				(0.09)	(0.10)	(0.11)	(0.09)	(0.14)	(0.15)	(0.15)	(0.20)	(0.23)	(0.23)			(0.28)			(0.48)	(0.49)	(0.53)	(0.57)	(0.61)	(0.60)	(0.63)	(0.65)
T.B.M. 3B				0.00	(0.01)	(0.01)			0.00	0.04																													
T.B.M. 3C				0.00	0.00	(0.02)			(0.03)	0.00																													
T.B.M. 1	0	(0.02)	(0.03)	(0.05)	(0.06)	(0.04)	(0.05)	(0.02)	(0.03)	(0.01)	(0.01)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.05)	(0.03)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.06)	(0.06)
WATER WELL 1	0	0	(0.01)	(0.04)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	0.00	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.04)	(0.01)	(0.02)	(0.03)	(0.04)	(0.03)	(0.04)	(0.05)	(0.04)	(0.05)	(0.05)
TANK "E" - A	0	(0.01)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)	(0.02)	0.00	(0.01)	(0.03)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.01)	(0.04)	(0.04)	(0.03)	(0.04)	(0.03)	(0.05)	(0.03)	(0.04)	(0.05)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.07)	(0.07)
TANK "E" - B	0	(0.01)	(0.03)	(0.06)	(0.05)	(0.05)	(0.04)	(0.02)	(0.02)	0.00	(0.02)	(0.03)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.01)	(0.04)	(0.03)	(0.04)	(0.03)	(0.03)	(0.05)	(0.03)	(0.04)	(0.04)	(0.06)	(0.06)	(0.06)	(0.07)	(0.06)	(0.06)	(0.06)
TANK "E" - C	0	(0.01)	(0.01)	(0.04)	(0.05)	(0.05)	(0.03)	0.04	(0.01)	0.00	(0.01)	(0.04)	(0.01)	(0.03)	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.04)	(0.03)	0.00	0.00	(0.03)	(0.02)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.05)	(0.05)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.05)
TANK "E" - D	0	(0.02)	(0.02)	(0.05)	(0.05)	(0.05)	(0.03)	0.03	(0.02)	(0.01)	(0.02)	(0.05)	(0.02)	(0.04)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.05)	(0.04)	(0.02)	(0.04)	(0.04)	(0.03)	(0.05)	(0.03)	(0.05)	(0.04)	(0.03)	(0.06)	(0.06)	(0.06)	(0.05)	(0.06)	(0.05)	(0.06)	(0.06)
TANK "W" - A	0	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.01)	0.02	0.00	0.02	0.00	(0.02)	0.01	(0.01)	0.01	0.00	(0.02)	(0.02)	(0.01)	(0.03)	(0.02)	0.01	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.04)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.06)
TANK "W" - B	0	(0.01)	(0.02)	(0.05)	(0.05)	(0.03)	(0.03)	(0.02)	(0.01)	0.00	(0.02)	(0.04)	(0.01)	(0.03)	(0.01)	(0.02)	(0.04)	(0.04)	0.02	(0.04)	(0.04)	(0.01)	(0.05)	(0.04)	(0.03)	(0.04)	(0.04)	(0.06)	(0.03)	(0.05)	(0.05)	(0.06)	(0.06)	(0.07)	(0.07)	(0.06)	(0.08)	(0.08)
TANK "W" - C	0	(0.02)	(0.03)	(0.06)	(0.05)	(0.05)	(0.03)	(0.02)	(0.02)	0.00	(0.02)	(0.04)	(0.01)	(0.03)	(0.01)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.01)	(0.01)	(0.04)	(0.03)	(0.05)	(0.04)	(0.06)	(0.04)	(0.05)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)	(0.06)	(0.07)	(0.08)
TANK "W" - D	0	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)	(0.04)	(0.01)	(0.02)	(0.01)	(0.02)	(0.05)	(0.02)	(0.04)	(0.01)	(0.03)	(0.05)	(0.04)	(0.09)	(0.05)	(0.04)	(0.02)	(0.04)	(0.05)	(0.05)	(0.05)	(0.02)	(0.06)	(0.04)	(0.04)	(0.07)	(0.08)	(0.07)	(0.07)	(0.08)	(0.07)	(0.08)	(0.09)
WELL 1	0	(0.01)	(0.01)	(0.03)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	(0.01)	(0.03) -		(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)	(0.03)	(0.02)	(0.02)	(0.04)	(0.03)	(0.04)	(0.01)	(0.02)	(0.04)	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	(0.05)	(0.05)
OXY #4 MON.				0	(0.02)	(0.02)	(0.06)	0	(0.09)	(0.11)		(0.01)																											
OXY #5 MON.		0	(0.04)	(0.06)	(0.07)	(0.02)	0.00	(0.05)	(0.09)	(0.19)		(0.10)																											
T.B.M. 4				0	0.03	0.00	0.04		0.09	0.04		0.09	0.03	0.07		0.04	(0.05)	0.09	(0.02)	(0.02)	0.02	0.02																	
T.B.M. 5				0	(0.10)	(0.04)	0.01		(0.05)	(0.01)		(0.07)	(0.12)	(0.17)		(0.17)	(0.11)	(0.11)	(0.14)	(0.17)	(0.26)	(0.26)																	
T.B.M. 6				0	0.03	0.01	(0.02)		(0.02)	0.08		(0.11)	(0.06)		0.00	(0.07)	(0.07)	(0.07)	(0.10)	(0.11)																			
OXY GPS 4						0	(0.01)	0.01	0	0.01	0.01	0.01	0.00	0.00																									
WELL 3 CASING													0.00	0.02	0.02	0.00	0.00	(0.01)	0.01	(0.02)	(0.03)	(0.01)	(0.02)	(0.06)	(0.03)	(0.05)	(0.05)	(0.05)	(0.05)	(0.07)	(0.06)	(0.06)	(0.07)	(0.07)	(0.13)	(0.09)	(0.09)	(0.10)

	ELEVATION 7/28/12	ELEVATION 7/29/12	DELTA	ELEVATION 7/30/12	DELTA	ELEVATION 7/31/12	DELTA	ELEVATION 8/1/12	DELTA	ELEVATION 8/2/12	DELTA	ELEVATION 8/4/12	DELTA	ELEVATION 8/5/12	DELTA	ELEVATION 8/6/12	DELTA
GPS BASE	5.97			5.97		5.97	-	5.97	-	5.97	-	5.97		5.97	-	5.97	-
REFERENCE PT.	5.13	5.13		5.13		5.12	(0.01)	5.13	-	5.13	-	5.12	(0.01)	5.13	-	5.13	-
WELL 10	9.38	9.38		9.39	0.01	9.38	-	9.38	-	9.38		9.38	-	9.39	0.01	9.39	0.01
WELL 9	7.11	7.12	0.01	7.1	(0.01)	7.08	(0.03)	7.09	(0.02)	7.1	(0.01)	7.1	(0.01)	7.1	(0.01)	7.09	(0.02)
T.B.M.2	5.79	5.8	0.01	5.78	(0.01)	5.76	(0.03)	5.76	(0.03)	5.77	(0.02)	5.76	(0.03)	5.78	(0.01)	5.78	(0.01)
WATER WELL 2	8.67	8.69	0.02	8.66	(0.01)	8.65	(0.02)	8.65	(0.02)	8.67	-	8.65	(0.02)	8.67	-	8.66	(0.01)
WELL 2	9.67	9.67		9.66	(0.01)	9.63	(0.04)	9.63	(0.04)	9.65	(0.02)	9.64	(0.03)	9.66	(0.01)	9.65	(0.02)
WATER WELL 5	10.22	10.21	(0.01)	10.2	(0.02)	10.18	(0.04)	10.18	(0.04)	10.16	(0.06)	10.18	(0.04)	10.2	(0.02)	10.19	(0.03)
WELL 3	8.14	8.13	(0.01)	8.11	(0.03)	8.09	(0.05)	8.09	(0.05)	8.08	(0.06)	8.09	(0.05)	8.11	(0.03)	8.1	(0.04)
T.B.M. 3	4.92			4.91	(0.01)	4.89	(0.03)	4.89	(0.03)	4.88	(0.04)	4.89	(0.03)	4.91	(0.01)	4.91	(0.01)
T.B.M. 3A	6.15	6.15		6.13	(0.02)	6.11	(0.04)	6.1	(0.05)	6.09	(0.06)	6.1	(0.05)	6.11	(0.04)	6.1	(0.05)
T.B.M. 3B							4.77	4.76	(0.01)	4.76	(0.01)					4.77	-
T.B.M. 3C							4.42	4.42	-	4.4	(0.02)					4.39	(0.03)
T.B.M. 1	5.38	5.36	(0.02)	5.35	(0.03)	5.33	(0.05)	5.32	(0.06)	5.34	(0.04)	5.33	(0.05)	5.36	(0.02)	5.35	(0.03)
WATER WELL 1	8.72	8.72		8.71	(0.01)	8.68	(0.04)	8.68	(0.04)	8.69	(0.03)	8.69	(0.03)	8.71	(0.01)	8.71	(0.01)
TANK "E" - A	7.1	7.09	(0.01)	7.07	(0.03)	7.05	(0.05)	7.05	(0.05)	7.06	(0.04)	7.07	(0.03)	7.08	(0.02)	7.08	(0.02)
TANK "E" - B	7.23	7.22	(0.01)	7.2	(0.03)	7.17	(0.06)	7.18	(0.05)	7.18	(0.05)	7.19	(0.04)	7.21	(0.02)	7.21	(0.02)
TANK "E" - C	7.43	7.42	(0.01)	7.42	(0.01)	7.39	(0.04)	7.38	(0.05)	7.38	(0.05)	7.4	(0.03)	7.47	0.04	7.42	(0.01)
TANK "E" - D	7.33	7.31	(0.02)	7.31	(0.02)	7.28	(0.05)	7.28	(0.05)	7.28	(0.05)	7.3	(0.03)	7.36	0.03	7.31	(0.02)
TANK "W" - A	6.89	6.9	0.01	6.89		6.87	(0.02)	6.87	(0.02)	6.87	(0.02)	6.88	(0.01)	6.91	0.02	6.89	-
TANK "W" - B	6.86	6.85	(0.01)	6.84	(0.02)	6.81	(0.05)	6.81	(0.05)	6.83	(0.03)	6.83	(0.03)	6.84	(0.02)	6.85	(0.01)
TANK "W" - C	6.85	6.83	(0.02)	6.82	(0.03)	6.79	(0.06)	6.8	(0.05)	6.8	(0.05)	6.82	(0.03)	6.83	(0.02)	6.83	(0.02)
TANK "W" - D	6.92	6.9	(0.02)	6.9	(0.02)	6.88	(0.04)	6.87	(0.05)	6.87	(0.05)	6.88	(0.04)	6.91	(0.01)	6.9	(0.02)
WELL 1	9.62	9.61	(0.01)	9.61	(0.01)	9.59	(0.03)	9.58	(0.04)	9.59	(0.03)	9.59	(0.03)	9.61	(0.01)	9.61	(0.01)
OXY #4 MON.							1.57	1.55	(0.02)	1.55	(0.02)	1.51	(0.06)	1.57	-	1.48	(0.09)
OXY #5 MON.		1.79		1.75	(0.04)	1.73	(0.06)	1.72	(0.07)	1.77	(0.02)	1.79	-	1.74	(0.05)	1.7	(0.09)
T.B.M. 4							4.31	4.34	0.03	4.31	-	4.35	0.04			4.4	0.09
T.B.M. 5							3.53	3.43	(0.10)	3.49	(0.04)	3.54	0.01			3.48	(0.05)
T.B.M. 6							2.87	2.9	0.03	2.88	0.01	2.85	(0.02)			2.85	(0.02)
OXY GPS 4										1.88		1.87	(0.01)	1.89	0.01	1.88	-
WELL 3 CASING																	

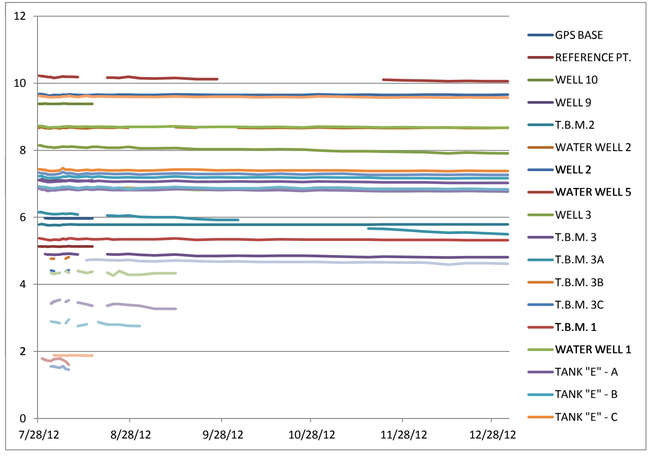
	ELEVATION 8/7/12	DELTA	ELEVATION 8/8/12	DELTA	ELEVATION 8/10/12	DELTA	ELEVATION 8/13/12	DELTA	ELEVATION 8/15/12	DELTA	ELEVATION 8/17/12	DELTA	ELEVATION 8/20/12	DELTA	ELEVATION 8/22/12	DELTA
GPS BASE	5.97	-	5.97	-	5.97	-	5.97	-	5.97	-						
REFERENCE PT.	5.14	0.01	5.13	-	5.13	-	5.13	-	5.13	-						
WELL 10	9.38	-	9.38	-	9.38	-	9.38	-	9.38	-						
WELL 9	7.11	-	7.11	-	7.09	(0.02)	7.09	(0.02)	7.1	(0.01)						
T.B.M.2	5.79	-	5.79	-	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)
WATER WELL 2	8.68	0.01	8.68	0.01	8.66	(0.01)	8.65	(0.02)	8.67	-	8.68	0.01	8.67	-	8.67	-
WELL 2	9.67	-	9.66	(0.01)	9.65	(0.02)	9.64	(0.03)	9.65	(0.02)	9.66	(0.01)	9.65	(0.02)	9.65	(0.02)
WATER WELL 5	10.19	(0.03)	10.19	(0.03)	10.18	(0.04)			10.19	(0.03)			10.17	(0.05)	10.17	(0.05)
WELL 3	8.1	(0.04)	8.11	(0.03)	8.09	(0.05)	8.08	(0.06)	8.1	(0.04)	8.1	(0.04)	8.08	(0.06)	8.08	(0.06)
T.B.M. 3	4.92	-	4.91	(0.01)	4.89	(0.03)			4.91	(0.01)			4.9	(0.02)	4.89	(0.03)
T.B.M. 3A	6.11	(0.04)	6.11	(0.04)	6.08	(0.07)							6.06	(0.09)	6.05	(0.10)
T.B.M. 3B	4.81	0.04														
T.B.M. 3C	4.42	-														
T.B.M. 1	5.37	(0.01)	5.37	(0.01)	5.35	(0.03)	5.36	(0.02)	5.35	(0.03)	5.35	(0.03)	5.36	(0.02)	5.34	(0.04)
WATER WELL 1	8.72	-	8.71	(0.01)	8.7	(0.02)	8.71	(0.01)	8.7	(0.02)	8.71	(0.01)	8.7	(0.02)	8.7	(0.02)
TANK "E" - A	7.1	-	7.09	(0.01)	7.07	(0.03)	7.09	(0.01)	7.07	(0.03)	7.09	(0.01)	7.07	(0.03)	7.06	(0.04)
TANK "E" - B	7.23	-	7.21	(0.02)	7.2	(0.03)	7.22	(0.01)	7.2	(0.03)	7.22	(0.01)	7.2	(0.03)	7.19	(0.04)
TANK "E" - C	7.43	-	7.42	(0.01)	7.39	(0.04)	7.42	(0.01)	7.4	(0.03)	7.42	(0.01)	7.4	(0.03)	7.4	(0.03)
TANK "E" - D	7.32	(0.01)	7.31	(0.02)	7.28	(0.05)	7.31	(0.02)	7.29	(0.04)	7.31	(0.02)	7.3	(0.03)	7.29	(0.04)
TANK "W" - A	6.91	0.02	6.89	-	6.87	(0.02)	6.9	0.01	6.88	(0.01)	6.9	0.01	6.89	-	6.87	(0.02)
TANK "W" - B	6.86	-	6.84	(0.02)	6.82	(0.04)	6.85	(0.01)	6.83	(0.03)	6.85	(0.01)	6.84	(0.02)	6.82	(0.04)
TANK "W" - C	6.85	-	6.83	(0.02)	6.81	(0.04)	6.84	(0.01)	6.82	(0.03)	6.84	(0.01)	6.82	(0.03)	6.81	(0.04)
TANK "W" - D	6.91	(0.01)	6.9	(0.02)	6.87	(0.05)	6.9	(0.02)	6.88	(0.04)	6.91	(0.01)	6.89	(0.03)	6.87	(0.05)
WELL 1	9.62	-	9.61	(0.01)	9.59	(0.03)	9.62	-	9.6	(0.02)	9.61	(0.01)	9.6	(0.02)	9.6	(0.02)
OXY #4 MON.	1.46	(0.11)			1.56	(0.01)										
OXY #5 MON.	1.6	(0.19)			1.69	(0.10)										
T.B.M. 4	4.35	0.04			4.4	0.09	4.34	0.03	4.38	0.07			4.35	0.04	4.26	(0.05)
T.B.M. 5	3.52	(0.01)			3.46	(0.07)	3.41	(0.12)	3.36	(0.17)			3.36	(0.17)	3.42	(0.11)
T.B.M. 6	2.95	0.08			2.76	(0.11)	2.81	(0.06)			2.87		2.8	(0.07)	2.8	(0.07)
OXY GPS 4	1.89	0.01	1.89	0.01	1.89	0.01	1.88	-	1.88	-						
WELL 3 CASING							4.72		4.74	0.02	4.74	0.02	4.72	-	4.72	-

	ELEVATION 8/24/12	DELTA	ELEVATION 8/27/12	DELTA	ELEVATION 8/31/12	DELTA	ELEVATION 9/5/12	DELTA	ELEVATION 9/12/12	DELTA	ELEVATION 9/19/12	DELTA	ELEVATION 9/26/12	DELTA	ELEVATION 10/3/12	DELTA
GPS BASE																
REFERENCE PT.																
WELL 10																
WELL 9																
T.B.M.2	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)
WATER WELL 2	8.68	0.01	8.67	-	-	-	-	-	8.69	0.02	8.67	-	-	-	8.67	-
WELL 2	9.66	(0.01)	9.66	(0.01)	9.65	(0.02)	9.65	(0.02)	9.67	-	9.66	(0.01)	9.65	(0.02)	9.65	(0.02)
WATER WELL 5	10.16	(0.06)	10.19	(0.03)	10.15	(0.07)	10.14	(0.08)	10.16	(0.06)	10.12	(0.10)	10.12	(0.10)	-	
WELL 3	8.08	(0.06)	8.1	(0.04)	8.06	(0.08)	8.06	(0.08)	8.07	(0.07)	8.03	(0.11)	8.03	(0.11)	8.03	(0.11)
T.B.M. 3	4.89	(0.03)	4.91	(0.01)	4.88	(0.04)	4.87	(0.05)	4.89	(0.03)	4.85	(0.07)	4.85	(0.07)	4.86	(0.06)
T.B.M. 3A	6.04	(0.11)	6.06	(0.09)	6.01	(0.14)	6	(0.15)	6	(0.15)	5.95	(0.20)	5.92	(0.23)	5.92	(0.23)
T.B.M. 3B																
T.B.M. 3C																
T.B.M. 1	5.35	(0.03)	5.35	(0.03)	5.35	(0.03)	5.35	(0.03)	5.37	(0.01)	5.33	(0.05)	5.35	(0.03)	5.35	(0.03)
WATER WELL 1	8.69	(0.03)	8.7	(0.02)	8.7	(0.02)	8.7	(0.02)	8.72	-	8.69	(0.03)	8.7	(0.02)	8.7	(0.02)
TANK "E" - A	7.06	(0.04)	7.07	(0.03)	7.06	(0.04)	7.06	(0.04)	7.09	(0.01)	7.06	(0.04)	7.06	(0.04)	7.07	(0.03)
TANK "E" - B	7.19	(0.04)	7.2	(0.03)	7.19	(0.04)	7.19	(0.04)	7.22	(0.01)	7.19	(0.04)	7.2	(0.03)	7.19	(0.04)
TANK "E" - C	7.4	(0.03)	7.41	(0.02)	7.39	(0.04)	7.4	(0.03)	7.43	-	7.43	-	7.4	(0.03)	7.41	(0.02)
TANK "E" - D	7.29	(0.04)	7.3	(0.03)	7.28	(0.05)	7.29	(0.04)	7.31	(0.02)	7.29	(0.04)	7.29	(0.04)	7.3	(0.03)
TANK "W" - A	6.87	(0.02)	6.88	(0.01)	6.86	(0.03)	6.87	(0.02)	6.9	0.01	6.87	(0.02)	6.87	(0.02)	6.87	(0.02)
TANK "W" - B	6.82	(0.04)	6.88	0.02	6.82	(0.04)	6.82	(0.04)	6.85	(0.01)	6.81	(0.05)	6.82	(0.04)	6.83	(0.03)
TANK "W" - C	6.81	(0.04)	6.81	(0.04)	6.81	(0.04)	6.81	(0.04)	6.84	(0.01)	6.84	(0.01)	6.81	(0.04)	6.82	(0.03)
TANK "W" - D	6.88	(0.04)	6.83	(0.09)	6.87	(0.05)	6.88	(0.04)	6.9	(0.02)	6.88	(0.04)	6.87	(0.05)	6.87	(0.05)
WELL 1	9.6	(0.02)	9.6	(0.02)	9.59	(0.03)	9.59	(0.03)	9.61	(0.01)	9.59	(0.03)	9.6	(0.02)	9.6	(0.02)
OXY #4 MON.																
OXY #5 MON.																
T.B.M. 4	4.4	0.09	4.29	(0.02)	4.29	(0.02)	4.33	0.02	4.33	0.02						
T.B.M. 5	3.42	(0.11)	3.39	(0.14)	3.36	(0.17)	3.27	(0.26)	3.27	(0.26)						
T.B.M. 6	2.8	(0.07)	2.77	(0.10)	2.76	(0.11)										
OXY GPS 4																
WELL 3 CASING	4.71	(0.01)	4.73	0.01	4.7	(0.02)	4.69	(0.03)	4.71	(0.01)	4.7	(0.02)	4.68	(0.06)	4.69	(0.03)

	ELEVATION 10/10/12	DELTA	ELEVATION 10/17/12	DELTA	ELEVATION 10/25/12	DELTA	ELEVATION 10/30/12	DELTA	ELEVATION 11/7/12	DELTA	ELEVATION 11/16/12	DELTA	ELEVATION 11/21/12	DELTA	ELEVATION 11/28/12	DELTA
GPS BASE																
REFERENCE PT.																
WELL 10																
WELL 9																
T.B.M.2	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.78	(0.01)	5.79	0.00	5.79	0.00
WATER WELL 2	8.66	(0.01)	8.67		8.66	(0.01)	8.68	0.01	8.66	(0.01)	8.67	0.00	8.66	(0.01)	8.66	(0.01)
WELL 2	9.65	(0.02)	9.65	(0.02)	9.65	(0.02)	9.67	-	9.65	(0.02)	9.66	(0.01)	9.65	(0.02)	9.65	(0.02)
WATER WELL 5								(10.22)					10.1	(0.12)	10.09	(0.13)
WELL 3	8.02	(0.12)	8.03	(0.11)	8.02	(0.12)	8	(0.14)	7.97	(0.17)	7.97	(0.17)	7.96	(0.18)	7.95	(0.19)
T.B.M. 3	4.85	(0.07)	4.86	(0.06)	4.86	(0.06)	4.85	(0.07)	4.83	(0.09)	4.81	(0.11)	4.83	(0.09)	4.82	(0.10)
T.B.M. 3A					5.87	(0.28)					5.67	(0.48)	5.66	(0.49)	5.62	(0.53)
T.B.M. 3B																
T.B.M. 3C																
T.B.M. 1	5.33	(0.05)	5.35	(0.03)	5.34	(0.04)	5.34	(0.04)	5.34	(0.04)	5.34	(0.04)	5.33	(0.05)	5.33	(0.05)
WATER WELL 1	8.69	(0.03)	8.70	(0.02)	8.68	(0.04)	8.71	(0.01)	8.7	(0.02)	8.69	(0.03)	8.68	(0.04)	8.69	(0.03)
TANK "E" - A	7.06	(0.04)	7.07	(0.03)	7.05	(0.05)	7.07	(0.03)	7.06	(0.04)	7.05	(0.05)	7.04	(0.06)	7.04	(0.06)
TANK "E" - B	7.2	(0.03)	7.20	(0.03)	7.18	(0.05)	7.2	(0.03)	7.19	(0.04)	7.19	(0.04)	7.17	(0.06)	7.17	(0.06)
TANK "E" - C	7.39	(0.04)	7.40	(0.03)	7.4	(0.03)	7.4	(0.03)	7.4	(0.03)	7.38	(0.05)	7.38	(0.05)	7.38	(0.05)
TANK "E" - D	7.28	(0.05)	7.30	(0.03)	7.28	(0.05)	7.29	(0.04)	7.3	(0.03)	7.27	(0.06)	7.27	(0.06)	7.27	(0.06)
TANK "W" - A	6.87	(0.02)	6.88	(0.01)	6.85	(0.04)	6.88	(0.01)	6.88	(0.01)	6.85	(0.04)	6.85	(0.04)	6.85	(0.04)
TANK "W" - B	6.82	(0.04)	6.82	(0.04)	6.8	(0.06)	6.83	(0.03)	6.81	(0.05)	6.81	(0.05)	6.8	(0.06)	6.8	(0.06)
TANK "W" - C	6.8	(0.05)	6.81	(0.04)	6.79	(0.06)	6.81	(0.04)	6.8	(0.05)	6.79	(0.06)	6.78	(0.07)	6.78	(0.07)
TANK "W" - D	6.87	(0.05)	6.90	(0.02)	6.86	(0.06)	6.88	(0.04)	6.88	(0.04)	6.85	(0.07)	6.84	(0.08)	6.85	(0.07)
WELL 1	9.58	(0.04)	9.59	(0.03)	9.58	(0.04)	9.61	(0.01)	9.6	(0.02)	9.58	(0.04)	9.57	(0.05)	9.58	(0.04)
OXY #4 MON.																
OXY #5 MON.																
T.B.M. 4																
T.B.M. 5																
T.B.M. 6																
OXY GPS 4																
WELL 3 CASING	4.67	(0.05)	4.67	(0.05)	4.67	(0.05)	4.67	(0.05)	4.65	(0.07)	4.66	(0.06)	4.66	(0.06)	4.65	(0.07)

	ELEVATION 12/5/12	DELTA	ELEVATION 12/13/12	DELTA	ELEVATION 12/19/12	DELTA	ELEVATION 12/26/12	DELTA	ELEVATION 1/2/13	DELTA
GPS BASE										
REFERENCE PT.										
WELL 10										
WELL 9										
T.B.M.2	5.79	0.00	5.79	0.00	5.79	0.00	5.79	0.00	5.79	0.00
WATER WELL 2	8.67	0.00	8.68	0.01	8.66	(0.01)	8.66	(0.01)	8.67	0.00
WELL 2	9.66	(0.01)	9.66	(0.01)	9.65	(0.02)	9.65	(0.02)	9.66	(0.01)
WATER WELL 5	10.08	(0.14)	10.06	(0.16)	10.07	(0.15)	10.06	(0.16)	10.06	(0.16)
WELL 3	7.94	(0.20)	7.91	(0.23)	7.93	(0.21)	7.92	(0.22)	7.91	(0.23)
T.B.M. 3	4.81	(0.11)	4.8	(0.12)	4.81	(0.11)	4.81	(0.11)	4.81	(0.11)
T.B.M. 3A	5.58	(0.57)	5.54	(0.61)	5.55	(0.60)	5.52	(0.63)	5.5	(0.65)
T.B.M. 3B										
T.B.M. 3C										
T.B.M. 1	5.33	(0.05)	5.33	(0.05)	5.32	(0.06)	5.32	(0.06)	5.32	(0.06)
WATER WELL 1	8.68	(0.04)	8.67	(0.05)	8.68	(0.04)	8.67	(0.05)	8.67	(0.05)
TANK "E" - A	7.04	(0.06)	7.03	(0.07)	7.03	(0.07)	7.03	(0.07)	7.03	(0.07)
TANK "E" - B	7.17	(0.06)	7.16	(0.07)	7.17	(0.06)	7.17	(0.06)	7.17	(0.06)
TANK "E" - C	7.39	(0.04)	7.37	(0.06)	7.39	(0.04)	7.38	(0.05)	7.38	(0.05)
TANK "E" - D	7.28	(0.05)	7.27	(0.06)	7.28	(0.05)	7.27	(0.06)	7.27	(0.06)
TANK "W" - A	6.85	(0.04)	6.84	(0.05)	6.85	(0.04)	6.84	(0.05)	6.83	(0.06)
TANK "W" - B	6.79	(0.07)	6.79	(0.07)	6.8	(0.06)	6.78	(0.08)	6.78	(0.08)
TANK "W" - C	6.79	(0.06)	6.78	(0.07)	6.79	(0.06)	6.78	(0.07)	6.77	(0.08)
TANK "W" - D	6.85	(0.07)	6.84	(0.08)	6.85	(0.07)	6.84	(0.08)	6.83	(0.09)
WELL 1	9.58	(0.04)	9.57	(0.05)	9.58	(0.04)	9.57	(0.05)	9.57	(0.05)
OXY #4 MON.										
OXY #5 MON.										
T.B.M. 4										
T.B.M. 5										
T.B.M. 6										
OXY GPS 4										
WELL 3 CASING	4.65	(0.07)	4.59	(0.13)	4.63	(0.09)	4.63	(0.09)	4.62	(0.10)

	7/28/12	7/29/12	7/30/12	7/31/12	8/1/12	8/2/12	8/4/12	8/5/12	8/6/12	8/7/12	8/8/12	8/10/12	8/13/12	8/15/12	8/17/12	8/20/12	8/22/12	8/24/12	8/27/12	8/31/12	9/5/12	9/12/12	9/19/12	9/26/12	10/3/12	10/10/12	10/17/12	10/25/12	10/30/12	11/7/12	11/16/12	11/21/12	11/28/12	12/5/12	12/13/12	12/19/12	12/26/12	1/2/13
GPS BASE	5.97		5.97	5.97	5.97	5.97	5.97	5.97	5.97	5.97	5.97	5.97	5.97	5.97																									
REFERENCE PT.	5.13	5.13	5.13	5.12	5.13	5.13	5.12	5.13	5.13	5.14	5.13	5.13	5.13	5.13																									
WELL 10	9.38	9.38	9.39	9.38	9.38	9.38	9.38	9.39	9.39	9.38	9.38	9.38	9.38	9.38																									
WELL 9	7.11	7.12	7.1	7.08	7.09	7.1	7.1	7.1	7.09	7.11	7.11	7.09	7.09	7.1																									
T.B.M.2	5.79	5.8	5.78	5.76	5.76	5.77	5.76	5.78	5.78	5.79	5.79	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.78	5.79	5.79	5.79	5.79	5.79	5.79	5.79	5.79
WATER WELL 2	8.67	8.69	8.66	8.65	8.65	8.67	8.65	8.67	8.66	8.68	8.68	8.66	8.65	8.67	8.68	8.67	8.67	8.68	8.67			8.69	8.67		8.67	8.66	8.67	8.66	8.68	8.66	8.67	8.66	8.66	8.67	8.68	8.66	8.66	8.67
WELL 2	9.67	9.67	9.66	9.63	9.63	9.65	9.64	9.66	9.65	9.67	9.66	9.65	9.64	9.65	9.66	9.65	9.65	9.66	9.66	9.65	9.65	9.67	9.66	9.65	9.65	9.65	9.65	9.65	9.67	9.65	9.66	9.65	9.65	9.66	9.66	9.65	9.65	9.66
WATER WELL 5	10.22	10.21	10.2	10.18	10.18	10.16	10.18	10.2	10.19	10.19	10.19	10.18		10.19		10.17	10.17	10.16	10.19	10.15	10.14	10.16	10.12	10.12								10.1	10.09	10.08	10.06	10.07	10.06	10.06
WELL 3	8.14	8.13	8.11	8.09	8.09	8.08	8.09	8.11	8.1	8.1	8.11	8.09	8.08	8.1	8.1	8.08	8.08	8.08	8.1	8.06	8.06	8.07	8.03	8.03	8.03	8.02	8.03	8.02	8	7.97	7.97	7.96	7.95	7.94	7.91	7.93	7.92	7.91
T.B.M. 3	4.92		4.91	4.89	4.89	4.88	4.89	4.91	4.91	4.92	4.91	4.89		4.91		4.9	4.89	4.89	4.91	4.88	4.87	4.89	4.85	4.85	4.86	4.85	4.86	4.86	4.85	4.83	4.81	4.83	4.82	4.81	4.8	4.81	4.81	4.81
T.B.M. 3A	6.15	6.15	6.13	6.11	6.1	6.09	6.1	6.11	6.1	6.11	6.11	6.08				6.06	6.05	6.04	6.06	6.01	6	6	5.95	5.92	5.92			5.87			5.67	5.66	5.62	5.58	5.54	5.55	5.52	5.5
T.B.M. 3B					4.76	4.76			4.77	4.81																													
T.B.M. 3C					4.42	4.4			4.39	4.42																													
T.B.M. 1	5.38	5.36	5.35	5.33	5.32	5.34	5.33	5.36	5.35	5.37	5.37	5.35	5.36	5.35	5.35	5.36	5.34	5.35	5.35	5.35	5.35	5.37	5.33	5.35	5.35	5.33	5.35	5.34	5.34	5.34	5.34	5.33	5.33	5.33	5.33	5.32	5.32	5.32
WATER WELL 1	8.72	8.72	8.71	8.68	8.68	8.69	8.69	8.71	8.71	8.72	8.71	8.7	8.71	8.7	8.71	8.7	8.7	8.69	8.7	8.7	8.7	8.72	8.69	8.7	8.7	8.69	8.70	8.68	8.71	8.7	8.69	8.68	8.69	8.68	8.67	8.68	8.67	8.67
TANK "E" - A	7.1	7.09	7.07	7.05	7.05	7.06	7.07	7.08	7.08	7.1	7.09	7.07	7.09	7.07	7.09	7.07	7.06	7.06	7.07	7.06	7.06	7.09	7.06	7.06	7.07	7.06	7.07	7.05	7.07	7.06	7.05	7.04	7.04	7.04	7.03	7.03	7.03	7.03
TANK "E" - B	7.23	7.22	7.2	7.17	7.18	7.18	7.19	7.21	7.21	7.23	7.21	7.2	7.22	7.2	7.22	7.2	7.19	7.19	7.2	7.19	7.19	7.22	7.19	7.2	7.19	7.2	7.20	7.18	7.2	7.19	7.19	7.17	7.17	7.17	7.16	7.17	7.17	7.17
TANK "E" - C	7.43	7.42	7.42	7.39	7.38	7.38	7.4	7.47	7.42	7.43	7.42	7.39	7.42	7.4	7.42	7.4	7.4	7.4	7.41	7.39	7.4	7.43	7.43	7.4	7.41	7.39	7.40	7.4	7.4	7.4	7.38	7.38	7.38	7.39	7.37	7.39	7.38	7.38
TANK "E" - D	7.33	7.31	7.31	7.28	7.28	7.28	7.3	7.36	7.31	7.32	7.31	7.28	7.31	7.29	7.31	7.3	7.29	7.29	7.3	7.28	7.29	7.31	7.29	7.29	7.3	7.28	7.30	7.28	7.29	7.3	7.27	7.27	7.27	7.28	7.27	7.28	7.27	7.27
TANK "W" - A	6.89	6.9	6.89	6.87	6.87	6.87	6.88	6.91	6.89	6.91	6.89	6.87	6.9	6.88	6.9	6.89	6.87	6.87	6.88	6.86	6.87	6.9	6.87	6.87	6.87	6.87	6.88	6.85	6.88	6.88	6.85	6.85	6.85	6.85	6.84	6.85	6.84	6.83
TANK "W" - B	6.86	6.85	6.84	6.81	6.81	6.83	6.83	6.84	6.85	6.86	6.84	6.82	6.85	6.83	6.85	6.84	6.82	6.82	6.88	6.82	6.82	6.85	6.81	6.82	6.83	6.82	6.82	6.8	6.83	6.81	6.81	6.8	6.8	6.79	6.79	6.8	6.78	6.78
TANK "W" - C	6.85	6.83	6.82	6.79	6.8	6.8	6.82	6.83	6.83	6.85	6.83	6.81	6.84	6.82	6.84	6.82	6.81	6.81	6.81	6.81	6.81	6.84	6.84	6.81	6.82	6.8	6.81	6.79	6.81	6.8	6.79	6.78	6.78	6.79	6.78	6.79	6.78	6.77
TANK "W" - D	6.92	6.9	6.9	6.88	6.87	6.87	6.88	6.91	6.9	6.91	6.9	6.87	6.9	6.88	6.91	6.89	6.87	6.88	6.83	6.87	6.88	6.9	6.88	6.87	6.87	6.87	6.90	6.86	6.88	6.88	6.85	6.84	6.85	6.85	6.84	6.85	6.84	6.83
WELL 1	9.62	9.61	9.61	9.59	9.58	9.59	9.59	9.61	9.61	9.62	9.61	9.59	9.62	9.6	9.61	9.6	9.6	9.6	9.6	9.59	9.59	9.61	9.59	9.6	9.6	9.58	9.59	9.58	9.61	9.6	9.58	9.57	9.58	9.58	9.57	9.58	9.57	9.57
OXY #4 MON.					1.55	1.55	1.51	1.57	1.48	1.46		1.56																											
OXY #5 MON.		1.79	1.75	1.73	1.72	1.77	1.79	1.74	1.7	1.6		1.69																											
T.B.M. 4					4.34	4.31	4.35		4.4	4.35		4.4	4.34	4.38		4.35	4.26	4.4	4.29	4.29	4.33	4.33																	
T.B.M. 5					3.43	3.49	3.54		3.48	3.52		3.46	3.41	3.36		3.36	3.42	3.42	3.39	3.36	3.27	3.27																	
T.B.M. 6					2.9	2.88	2.85		2.85	2.95		2.76	2.81		2.87	2.8	2.8	2.8	2.77	2.76																			
OXY GPS 4						1.88	1.87	1.89	1.88	1.89	1.89	1.89	1.88	1.88																									
WELL 3 CASING													4.72	4.74	4.74	4.72	4.72	4.71	4.73	4.7	4.69	4.71	4.7	4.68	4.69	4.67	4.67	4.67	4.67	4.65	4.66	4.66	4.65	4.65	4.59	4.63	4.63	4.62



POINT	STATE PLANE NAD83 NORTHING	EASTING
GPS BASE	548102.54	3342328.31
REFERENCE PT.		
WELL 10	547975.94	3342190.67
WELL 9	548555.34	3342151.99
T.B.M.2	549154.54	3342242.42
WATER WELL 2	549203.41	3342177.03
WELL 2	549133.19	3342109.45
WATER WELL 5	549196.90	3341550.59
WELL 3	549112.86	3341453.33
T.B.M. 3		
T.B.M. 3A		
T.B.M. 3B		
T.B.M. 3C		
T.B.M. 1		
WATER WELL 1	549511.30	3342133.60
TANK "E" - A		
TANK "E" - B		
TANK "E" - C		
TANK "E" - D		
TANK "W" - A		
TANK "W" - B		
TANK "W" - C		
TANK "W" - D		
WELL 1	549796.90	3342061.73
OXY #4 MON.	550443.24	3342138.56
OXY #5 MON.	551003.60	3342110.73
T.B.M. 4	547548.82	3341285.09
T.B.M. 5	548932.04	3340643.24
T.B.M. 6	550091.68	3341247.31
OXY GPS 4	547921.40	3342282.44
TBNW - SAMPLE	549666.00	3341165.00
TBNE - SAMPLE	549612.00	3341301.00
TBSE - SAMPLE	549427.00	3341252.00
TREE 1	TREE WAS GONE 8-13-12	
TREE 2	549768.99	3341151.90
TREE 3	549779.44	3341296.36
TREE 4	549579.39	3341389.37
TREE 5	549367.05	3341172.77
TREE 6	549499.63	3340944.25

Oct. 30, 2012	STATE PLANE NAD83		NAVD88	UTM - WGS84		NAVD88
POINT	NORTHING	EASTING		NORTHING	EASTING	ELEV
Prop. Tilt Meter	550941.40	3342133.12		679416.22	3321887.25	
Ref. Pnt.	547990.29	3342337.01	5.13			5.13
Tilt Meter	549948.98	3340961.70	8.18	679063.59	3321579.57	8.18
Tilt Meter	550089.94	3341476.10	8.76	679219.74	3321624.81	8.76
Tilt Meter	550080.36	3341857.86	8.31	679336.14	3321623.59	8.31
Tilt Meter	549847.26	3340899.38	6.99	679045.04	3321548.29	6.99
Tilt Meter	549588.29	3342005.68	6.51	679383.38	3321474.27	6.51
Tilt Meter	549510.75	3342053.88	13.18	679398.42	3321450.85	13.18
Tilt Meter	549494.52	3342141.61	14.19	679425.23	3321446.29	14.19
Tilt Meter	549313.84	3340667.88	9.19	678976.85	3321384.68	9.19
Tilt Meter	549696.45	3341568.43	8.82	679249.63	3321505.29	8.82
Tilt Meter	549062.01	3340544.63	8.84	678940.40	3321307.38	8.84
Tilt Meter	549052.18	3341476.55	10.65	679224.48	3321308.52	10.65
Prop. Tilt Meter	549124.05	3341608.88		679264.50	3321331.01	
Tilt Meter	549134.45	3341972.14	9.82	679375.17	3321335.79	9.82
Tilt Meter	548761.97	3340573.68	8.08	678950.59	3321216.06	8.08
Tilt Meter	548629.61	3341224.15	8.81	679149.43	3321178.60	8.81
Prop. Tilt Meter	548496.14	3342106.29		679418.89	3321141.84	
Tilt Meter	548332.70	3340833.29	8.41	679031.62	3321086.37	8.41
Prop. Tilt Meter	547917.91	3342147.18		679433.92	3320965.78	
Prop. Tilt Meter	549230.42	3341378.37		679193.77	3321362.41	
Relief Well	549120.64	3342027.37	10.81	679392.07	3321331.83	10.81
Relief Well	549150.96	3342043.74	6.03	679396.92	3321341.14	6.03

OPUS SOLUTIONS

	Apr-10	19-Jul-12	20-Jul-12	28-Jul-12	29-Jul-12	30-Jul-12	31-Jul-12	1-Aug-12	2-Aug-12	4-Aug-12	5-Aug-12	6-Aug-12	7-Aug-12	8-Aug-12	20/8/2012
	RS	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Precise	Rapid
Ortho HGT (m)	5.97	1.758	1.703	1.743	1.692	1.699	1.720	1.718	1.717	1.681	1.697	1.737	1.736	1.660	1.668
Ortho HGT (ft)		5.77	5.59	5.72	5.55	5.57	5.64	5.64	5.63	5.52	5.57	5.70	5.70	5.45	5.47
		(0.20)	(0.38)	(0.25)	(0.42)	(0.40)	(0.33)	(0.33)	(0.34)	(0.45)	(0.40)	(0.27)	(0.27)	(0.52)	
> 90% observations		83.00%	78.00%	80.00%	84.00%	82.00%	0.9	91.00%	90.00%	82.00%	93.00%	92.00%	77.00%	86.00%	
> 50% ambiguities		87.00%	85.00%	76.00%	96.00%	96.00%	0.77	95.00%	86.00%	86.00%	86.00%	94.00%	83.00%	86.00%	
Network Accuracy (m)															
RMS(m) < 3 cm		0.022	0.019	0.026	0.014	0.017	0.021	0.016	0.019	0.02	0.018	0.018	0.02	0.018	
P to P Ortho (m) < 5 cm		0.04	0.168	0.272	0.071	0.133	0.025	0.061	0.102	0.436	0.08	0.037	0.027	0.81	
Ant Type		3	3	Z	Z	Z	3	3	3	3	3	3	3	3	
Begin		14:09:00	13:52:00	14:42:00	13:17:00	14:28:00	14:39:00	14:51:00	14:38:00	20:18:00	14:33:00	14:18:00	21:56:00	18:38:00	
End		20:11:00	17:26:00	17:59:30	15:52:00	16:59:00	21:56:00	18:20:00	17:59:30	23:32:00	16:57:00	18:59:30	9:50:30	22:10:00	
		6:02:00	3:34:00	3:17:30	2:35:00	2:31:00	7:17:00	3:29:00	3:21:30	3:14:00	2:24:00	4:41:30	12hr	3:32:00	
"+/-"							0.05	>0.06	>0.06			0.05	0.03		

Good Solution

RESPEC Consulting & Services

Texas Brine, L.L.C.

Assumption Parish, Louisiana

Daily Field Report

Report By: David Gnage

Date: 12/29/12 -1/4/12

Company: RESPEC

Work Order #: ()

Personnel	Company	Job Title

Time Onsite: Start Time: NA End Time: NA

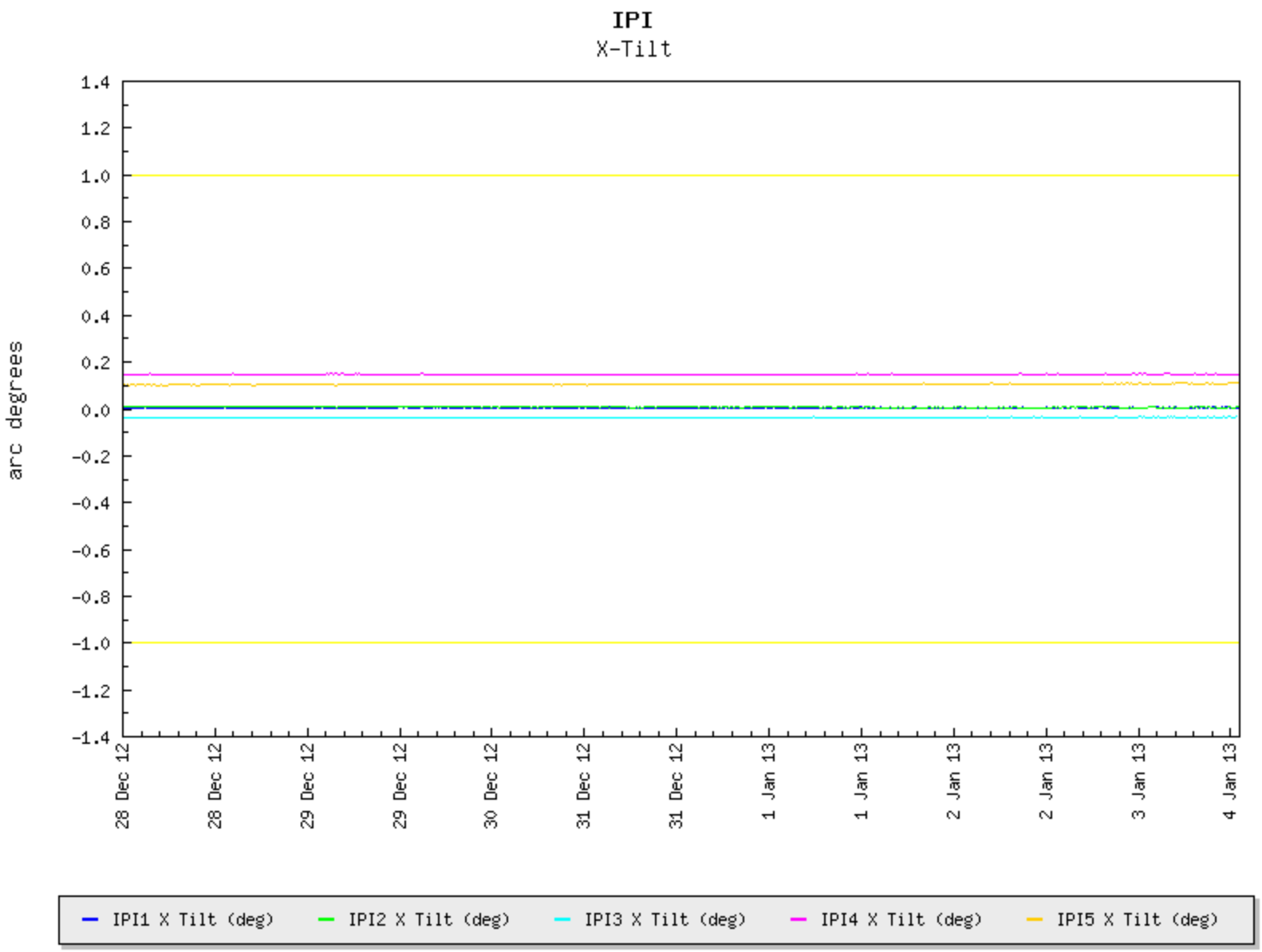
Equipment Onsite: None

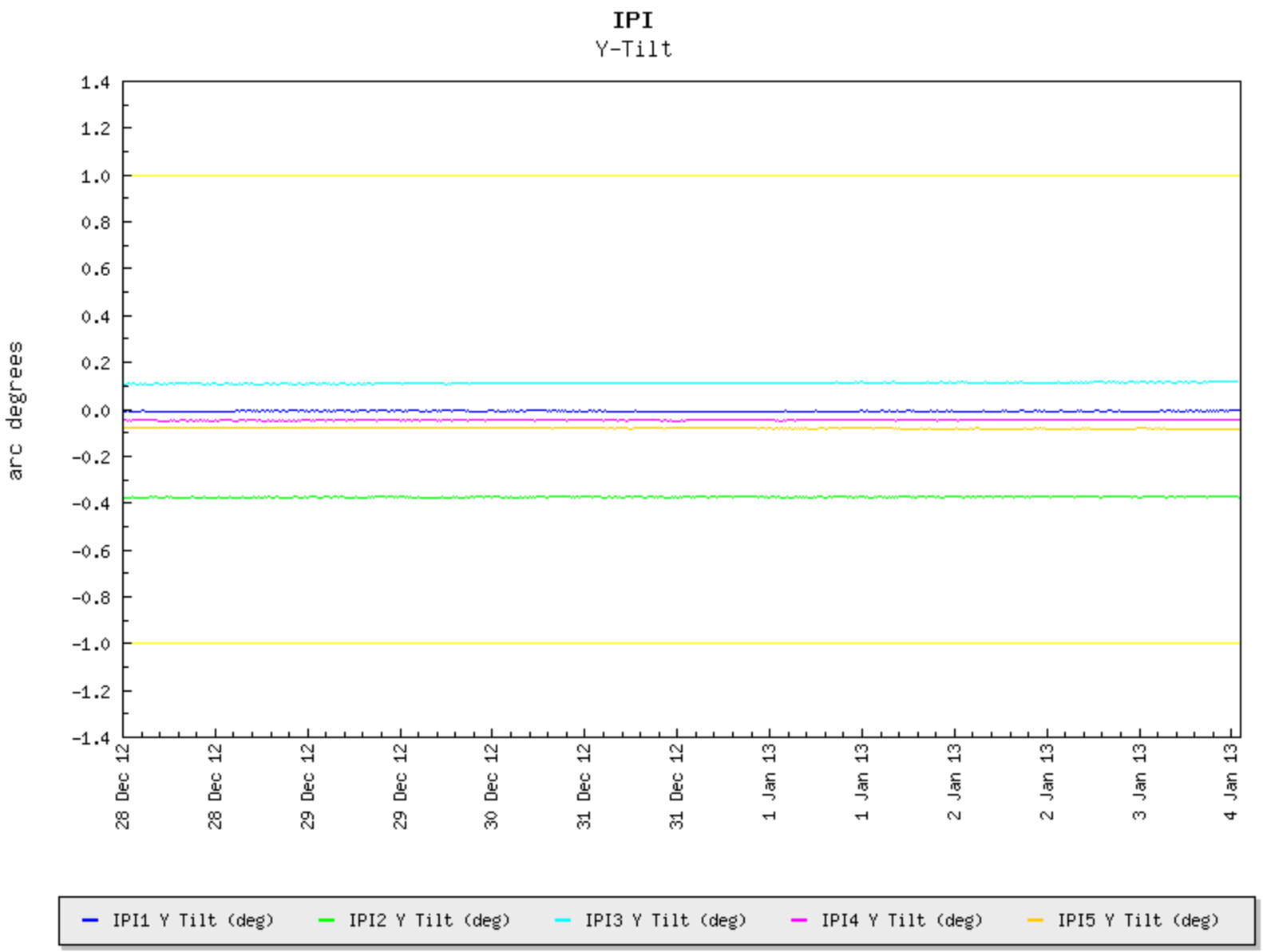
Daily Activity: No Field Work Conducted. RESPEC not on-site

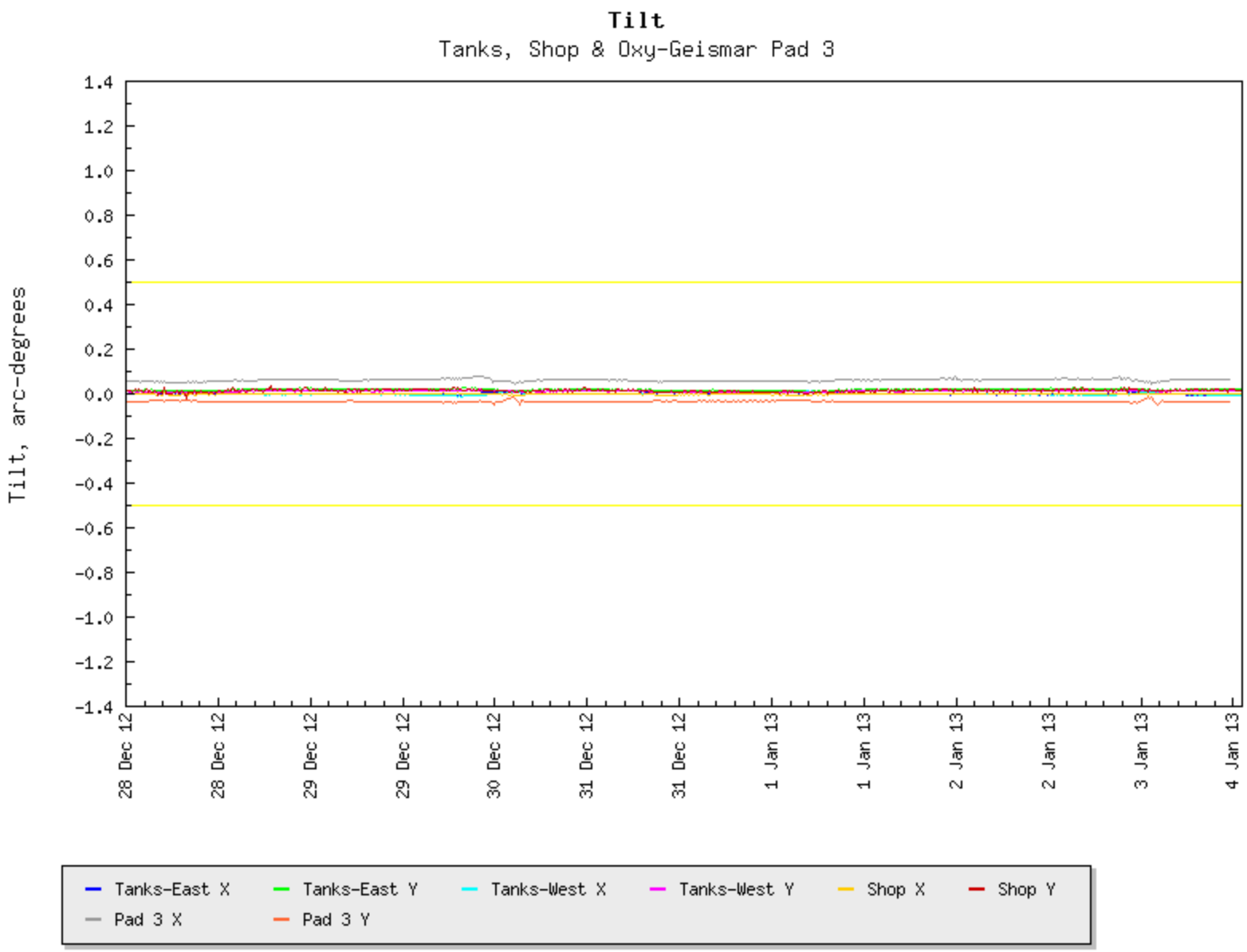
Proposed Schedule: No work currently scheduled.

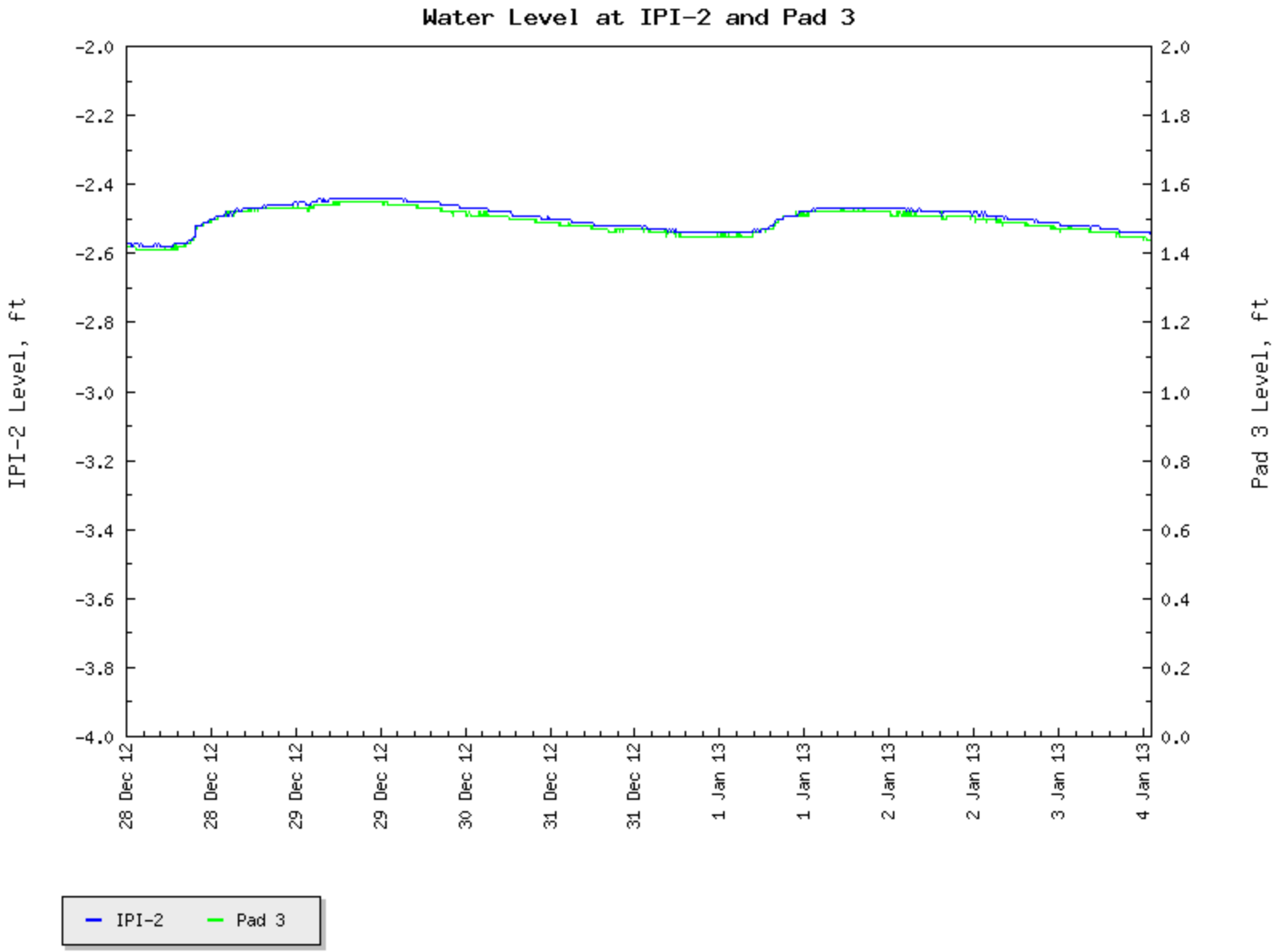
Initials: DJG

Sinkhole survey data provided by Joel Miller & Associates. Survey date 10/30/12.


IPI
X-Tilt
arc degrees
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
28 Dec 12
28 Dec 12
29 Dec 12
29 Dec 12
30 Dec 12
31 Dec 12
31 Dec 12
1 Jan 13
1 Jan 13
2 Jan 13
2 Jan 13
3 Jan 13
4 Jan 13
IPI1 X Tilt (deg)
IPI2 X Tilt (deg)
IPI3 X Tilt (deg)
IPI4 X Tilt (deg)
IPI5 X Tilt (deg)


IPI
Y-Tilt
arc degrees
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
28 Dec 12
28 Dec 12
29 Dec 12
29 Dec 12
30 Dec 12
31 Dec 12
31 Dec 12
1 Jan 13
1 Jan 13
2 Jan 13
2 Jan 13
3 Jan 13
4 Jan 13
IPI1 Y Tilt (deg)
IPI2 Y Tilt (deg)
IPI3 Y Tilt (deg)
IPI4 Y Tilt (deg)
IPI5 Y Tilt (deg)


Tilt
Tanks, Shop & Oxy-Geismar Pad 3
Tilt, arc-degrees
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
-1.4
28 Dec 12
28 Dec 12
29 Dec 12
29 Dec 12
30 Dec 12
31 Dec 12
31 Dec 12
1 Jan 13
1 Jan 13
2 Jan 13
2 Jan 13
3 Jan 13
4 Jan 13
Tanks-East X
Tanks-East Y
Tanks-West X
Tanks-West Y
Shop X
Shop Y
Pad 3 X
Pad 3 Y


Water Level at IPI-2 and Pad 3
IPI-2 Level, ft
Pad 3 Level, ft
-2.0
-2.2
-2.4
-2.6
-2.8
-3.0
-3.2
-3.4
-3.6
-3.8
-4.0
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
28 Dec 12
28 Dec 12
29 Dec 12
29 Dec 12
30 Dec 12
31 Dec 12
31 Dec 12
1 Jan 13
1 Jan 13
2 Jan 13
2 Jan 13
3 Jan 13
4 Jan 13
IPI-2
Pad 3

ME&A Daily Action Summary

January 3, 2013

Subsidence Survey:

- No Work Done

Sinkhole Perimeter/Hydrographic Survey:

- No Work Done

Support Sinkhole Cleanup

- No Work Done

Misc. Survey Work

- Stake Geophone Well G-01 & G-02 as required by DNR – Office of Conservation Mining and Injection Division

Michael Pisani & Associates

Texas Brine, L.L.C.
Assumption Parish, Louisiana
Daily Field Report

Report By: Patrick Ritchie
Company: MP&A

Date: 1/3/2013
Work Order # 80-05

Health and Safety Meeting ☐ YES ☐ NO

Weather: 40 F Partly Sunny, W wind

Personnel	Company	Job Title
Patrick Ritchie	MPA	Environmental Scientist
Jody Shugart	MPA	Geologist
Kevin Simoneaux	Shaw Group	Environmental Scientist

Site Activities: Start Time 9:00 End Time 14:30

Equipment On-site: None

Daily Activity:
Measure pressure and water level at TBC Geoprobe locations
Collect groundwater laboratory samples from TBC Geoprobe locations

Estimated time of completion:
On-going

Proposed schedule:
Conduct in-situ monitoring surface water transect and industrial water well locations 1/4/2013
Measure water level for the industrial water wells 1/4/2013
Measure pressure and water level at TBC Geoprobe location #3 when accessible
Collect groundwater laboratory samples from TBC Geoprobe location #3 when accessible
Measure pressure and water level at TBC Geoprobe locations 1/7/2013

Estimated time of completion:
On-going

Initials: PMR