

# Attachment 5

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Wellhead Survey Report – EPIC Land Surveying, Inc.



**DAIRY MONITORING WELLS**

**REPORT**

**Prepared for**

**LUHDORFF & SCALMANINI CONSULTING ENGINEERS**

**by**

**EPIC LAND SURVEYING, INC.**



**EPIC**

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**LAND SURVEYING, INC.**





**ALBERT MENDES DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Albert Mendes Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	1:27:23 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1997140.095	6413465.647	59.370	N.T.O.C.@MEN-MW7
2001	1997140.017	6413465.429	59.475	N.T.O.C.@MEN-MW7
2002	1998640.419	6414203.316	61.096	N.T.O.C.@MEN-MW5
2003	1998640.745	6414203.318	61.003	N.T.O.C.@MEN-MW5
2004	1998717.047	6413600.769	60.667	N.T.O.C.@MEN-MW3
2005	1998716.729	6413600.517	60.773	N.T.O.C.@MEN-MW3
2006	1998567.682	6413603.518	60.327	N.T.O.C.@MEN-MW4
2007	1998567.527	6413603.258	60.443	N.T.O.C.@MEN-MW4
2008	1999307.544	6412868.136	60.809	N.T.O.C.@MEN-MW1
2009	1999307.431	6412868.347	60.719	N.T.O.C.@MEN-MW1
2010	1999181.387	6412859.725	60.812	N.T.O.C.@MEN-MW2
2011	1999181.260	6412859.431	60.872	N.T.O.C.@MEN-MW2
2012	1998978.021	6410278.446	59.019	N.T.O.C.@MEN-MW6
2013	1998977.739	6410278.561	58.947	N.T.O.C.@MEN-MW6



# Point, Lat, Long, Elev., Code Report

## Project: Albert Mendes Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	1:36:02 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°28'42.97915"N	121°00'38.63888"W	59.370	N.T.O.C.@MEN-MW7
2001	37°28'42.97837"N	121°00'38.64159"W	59.475	N.T.O.C.@MEN-MW7
2002	37°28'57.85264"N	121°00'29.58834"W	61.096	N.T.O.C.@MEN-MW5
2003	37°28'57.85587"N	121°00'29.58834"W	61.003	N.T.O.C.@MEN-MW5
2004	37°28'58.57785"N	121°00'37.06922"W	60.667	N.T.O.C.@MEN-MW3
2005	37°28'58.57469"N	121°00'37.07233"W	60.773	N.T.O.C.@MEN-MW3
2006	37°28'57.10122"N	121°00'37.02501"W	60.327	N.T.O.C.@MEN-MW4
2007	37°28'57.09967"N	121°00'37.02823"W	60.443	N.T.O.C.@MEN-MW4
2008	37°29'04.37653"N	121°00'46.19905"W	60.809	N.T.O.C.@MEN-MW1
2009	37°29'04.37542"N	121°00'46.19642"W	60.719	N.T.O.C.@MEN-MW1
2010	37°29'03.12875"N	121°00'46.29482"W	60.812	N.T.O.C.@MEN-MW2
2011	37°29'03.12748"N	121°00'46.29846"W	60.872	N.T.O.C.@MEN-MW2
2012	37°29'00.97699"N	121°01'18.30684"W	59.019	N.T.O.C.@MEN-MW6
2013	37°29'00.97420"N	121°01'18.30540"W	58.947	N.T.O.C.@MEN-MW6





**ANCHOR J. DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Anchor J. Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	7:28:24 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1945036.183	6436170.353	75.615	N.T.O.C.@ANC-MW7
2001	1945036.109	6436170.649	75.720	N.T.O.C.@ANC-MW7
2002	1945068.431	6435279.808	75.137	N.T.O.C.@ANC-MW6
2003	1945068.183	6435279.733	75.028	N.T.O.C.@ANC-MW6
2004	1946128.748	6435428.108	76.817	N.T.O.C.@ANC-MW5
2005	1946128.986	6435428.061	76.913	N.T.O.C.@ANC-MW5



# Point, Lat, Long, Elev., Code Report

## Project: Anchor J. Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	10:21:22 AM 1/18/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°20'08.95119"N	120°55'53.97834"W	75.615	N.T.O.C.@ANC-MW7
2001	37°20'08.95047"N	120°55'53.97467"W	75.720	N.T.O.C.@ANC-MW7
2002	37°20'09.22928"N	120°56'05.00736"W	75.137	N.T.O.C.@ANC-MW6
2003	37°20'09.22683"N	120°56'05.00827"W	75.028	N.T.O.C.@ANC-MW6
2004	37°20'19.71964"N	120°56'03.23194"W	76.817	N.T.O.C.@ANC-MW5
2005	37°20'19.72199"N	120°56'03.23254"W	76.913	N.T.O.C.@ANC-MW5





**BETTENCOURT AND MARSON DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Bettencourt and Marson Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	4:11:25 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1973094.840	6470519.537	102.979	N.T.O.C.@BET-MW4
2001	1973094.526	6470519.291	103.584	N.T.O.C.@BET-MW4
2002	1974104.908	6469350.193	103.650	N.T.O.C.@BET-MW1
2003	1974104.910	6469350.476	104.152	N.T.O.C.@BET-MW1
2004	1973227.042	6469339.354	105.454	N.T.O.C.@BET-MW2
2005	1973226.942	6469339.574	105.754	N.T.O.C.@BET-MW2
2006	1972937.295	6469336.375	104.348	N.T.O.C.@BET-MW3
2007	1972936.968	6469336.352	104.537	N.T.O.C.@BET-MW3
2008	1971248.188	6473184.187	109.472	N.T.O.C.@BET-MW6
2009	1971248.468	6473184.386	109.699	N.T.O.C.@BET-MW6
2010	1972540.432	6473163.803	110.094	N.T.O.C.@BET-MW5
2011	1972540.653	6473163.518	109.890	N.T.O.C.@BET-MW5
2012	1972676.759	6474487.350	111.496	N.T.O.C.@BET-MW7
2013	1972676.847	6474487.636	111.706	N.T.O.C.@BET-MW7
2014	1971334.721	6474403.586	110.969	N.T.O.C.@BET-MW8
2015	1971334.976	6474403.768	111.222	N.T.O.C.@BET-MW8



# Point, Lat, Long, Elev., Code Report

## Project: Bettencourt and Marson Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	4:20:28 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°24'47.72548"N	120°48'49.81296"W	102.979	N.T.O.C.@BET-MW4
2001	37°24'47.72236"N	120°48'49.81599"W	103.584	N.T.O.C.@BET-MW4
2002	37°24'57.67319"N	120°49'04.34995"W	103.650	N.T.O.C.@BET-MW1
2003	37°24'57.67322"N	120°49'04.34644"W	104.152	N.T.O.C.@BET-MW1
2004	37°24'48.99319"N	120°49'04.44734"W	105.454	N.T.O.C.@BET-MW2
2005	37°24'48.99221"N	120°49'04.44462"W	105.754	N.T.O.C.@BET-MW2
2006	37°24'46.12831"N	120°49'04.47208"W	104.348	N.T.O.C.@BET-MW3
2007	37°24'46.12508"N	120°49'04.47234"W	104.537	N.T.O.C.@BET-MW3
2008	37°24'29.55431"N	120°48'16.70905"W	109.472	N.T.O.C.@BET-MW6
2009	37°24'29.55708"N	120°48'16.70659"W	109.699	N.T.O.C.@BET-MW6
2010	37°24'42.33034"N	120°48'17.01385"W	110.094	N.T.O.C.@BET-MW5
2011	37°24'42.33250"N	120°48'17.01739"W	109.890	N.T.O.C.@BET-MW5
2012	37°24'43.72052"N	120°48'00.61370"W	111.496	N.T.O.C.@BET-MW7
2013	37°24'43.72140"N	120°48'00.61016"W	111.706	N.T.O.C.@BET-MW7
2014	37°24'30.44886"N	120°48'01.59857"W	110.969	N.T.O.C.@BET-MW8
2015	37°24'30.45138"N	120°48'01.59632"W	111.222	N.T.O.C.@BET-MW8





**FRANK J. GOMES DAIRY # 1**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Frank J. Gomes Dairy #1

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	5:38:22 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1956039.985	6436834.064	80.073	N.T.O.C.@FG1-MW6
2001	1956040.287	6436834.159	79.864	N.T.O.C.@FG1-MW6
2002	1955550.682	6436818.325	79.360	N.T.O.C.@FG1-MW7
2003	1955550.463	6436818.212	79.643	N.T.O.C.@FG1-MW7
2004	1955476.196	6438081.798	78.553	N.T.O.C.@FG1-MW8
2005	1955476.046	6438081.935	78.816	N.T.O.C.@FG1-MW8
2006	1954146.860	6437780.002	78.388	N.T.O.C.@FG1-MW9
2007	1954146.954	6437779.792	78.527	N.T.O.C.@FG1-MW9
2008	1955304.460	6435212.111	80.268	N.T.O.C.@FG1-MW2
2009	1955304.048	6435211.978	79.989	N.T.O.C.@FG1-MW2
2010	1954815.632	6435209.705	78.074	N.T.O.C.@FG1-MW3
2011	1954815.471	6435210.026	78.334	N.T.O.C.@FG1-MW3
2012	1954166.707	6435460.424	77.053	N.T.O.C.@FG1-MW1
2013	1954166.544	6435460.610	76.750	N.T.O.C.@FG1-MW1
2014	1955579.409	6435889.075	76.724	N.T.O.C.@FG1-MW4
2015	1955579.624	6435889.332	76.378	N.T.O.C.@FG1-MW4
2016	1957646.939	6436671.793	75.818	N.T.O.C.@FG1-MW5
2017	1957646.793	6436672.074	75.632	N.T.O.C.@FG1-MW5



# Point, Lat, Long, Elev., Code Report

## Project: Frank J. Gomes Dairy #1

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	5:45:10 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°21'57.77802"N	120°55'46.38535"W	80.073	N.T.O.C.@FG1-MW6
2001	37°21'57.78101"N	120°55'46.38420"W	79.864	N.T.O.C.@FG1-MW6
2002	37°21'52.93947"N	120°55'46.55249"W	79.360	N.T.O.C.@FG1-MW7
2003	37°21'52.93731"N	120°55'46.55388"W	79.643	N.T.O.C.@FG1-MW7
2004	37°21'52.26008"N	120°55'30.89731"W	78.553	N.T.O.C.@FG1-MW8
2005	37°21'52.25861"N	120°55'30.89560"W	78.816	N.T.O.C.@FG1-MW8
2006	37°21'39.10312"N	120°55'34.56072"W	78.388	N.T.O.C.@FG1-MW9
2007	37°21'39.10404"N	120°55'34.56333"W	78.527	N.T.O.C.@FG1-MW9
2008	37°21'50.43167"N	120°56'06.43492"W	80.268	N.T.O.C.@FG1-MW2
2009	37°21'50.42759"N	120°56'06.43655"W	79.989	N.T.O.C.@FG1-MW2
2010	37°21'45.59843"N	120°56'06.43658"W	78.074	N.T.O.C.@FG1-MW3
2011	37°21'45.59685"N	120°56'06.43259"W	78.334	N.T.O.C.@FG1-MW3
2012	37°21'39.19391"N	120°56'03.29364"W	77.053	N.T.O.C.@FG1-MW1
2013	37°21'39.19231"N	120°56'03.29132"W	76.750	N.T.O.C.@FG1-MW1
2014	37°21'53.18118"N	120°55'58.06502"W	76.724	N.T.O.C.@FG1-MW4
2015	37°21'53.18331"N	120°55'58.06184"W	76.378	N.T.O.C.@FG1-MW4
2016	37°22'13.65888"N	120°55'48.48698"W	75.818	N.T.O.C.@FG1-MW5
2017	37°22'13.65746"N	120°55'48.48348"W	75.632	N.T.O.C.@FG1-MW5





**GALLO CATTLE COMPANY BEAR CREEK**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Gallo Cattle Company Bear Creek

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	9:27:31 AM 1/18/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1932201.474	6483580.338	99.296	N.T.O.C.@BEA-MW4
2001	1932201.596	6483580.471	99.467	N.T.O.C.@BEA-MW4
2002	1933378.715	6482865.534	98.896	N.T.O.C.@BEA-MW2
2003	1933378.933	6482865.745	99.120	N.T.O.C.@BEA-MW2
2004	1931465.810	6482837.340	95.232	N.T.O.C.@BEA-MW3
2005	1931465.510	6482837.293	95.137	N.T.O.C.@BEA-MW3
2006	1932069.681	6481753.253	99.458	N.T.O.C.@BEA-MW1
2007	1932069.729	6481753.019	99.695	N.T.O.C.@BEA-MW1



# Point, Lat, Long, Elev., Code Report

## Project: Gallo Cattle Company Bear Creek

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	9:57:51 AM 1/18/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°18'03.80477"N	120°46'06.46485"W	99.296	N.T.O.C.@BEA-MW4
2001	37°18'03.80598"N	120°46'06.46321"W	99.467	N.T.O.C.@BEA-MW4
2002	37°18'15.42411"N	120°46'15.35402"W	98.896	N.T.O.C.@BEA-MW2
2003	37°18'15.42627"N	120°46'15.35142"W	99.120	N.T.O.C.@BEA-MW2
2004	37°17'56.50989"N	120°46'15.63442"W	95.232	N.T.O.C.@BEA-MW3
2005	37°17'56.50693"N	120°46'15.63499"W	95.137	N.T.O.C.@BEA-MW3
2006	37°18'02.44928"N	120°46'29.07353"W	99.458	N.T.O.C.@BEA-MW1
2007	37°18'02.44974"N	120°46'29.07644"W	99.695	N.T.O.C.@BEA-MW1





**GALLO CATTLE COMPANY COTTONWOOD**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

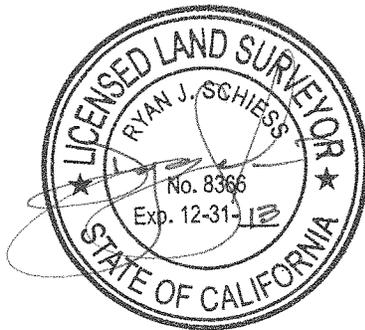
## *Project: Gallo Cattle Company Cottonwood*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	7:20:32 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1928100.007	6512060.003	115.259	N.T.O.C.@COT-MW14
2001	1928099.919	6512060.176	115.553	N.T.O.C.@COT-MW14
2002	1929293.563	6511387.051	112.080	N.T.O.C.@COT-MW11
2003	1929293.283	6511387.020	112.291	N.T.O.C.@COT-MW11
2004	1928721.452	6511045.979	112.468	N.T.O.C.@COT-MW12
2005	1928721.734	6511046.159	112.651	N.T.O.C.@COT-MW12
2006	1927957.995	6511119.287	115.027	N.T.O.C.@COT-MW13
2007	1927957.801	6511119.147	114.436	N.T.O.C.@COT-MW13



# Point, Lat, Long, Elev., Code Report

## Project: Gallo Cattle Company Cottonwood

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	10:08:36 AM 1/18/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°17'23.91283"N	120°40'13.88406"W	115.259	N.T.O.C.@COT-MW14
2001	37°17'23.91196"N	120°40'13.88192"W	115.553	N.T.O.C.@COT-MW14
2002	37°17'35.70166"N	120°40'22.23912"W	112.080	N.T.O.C.@COT-MW11
2003	37°17'35.69889"N	120°40'22.23950"W	112.291	N.T.O.C.@COT-MW11
2004	37°17'30.03878"N	120°40'26.44691"W	112.468	N.T.O.C.@COT-MW12
2005	37°17'30.04158"N	120°40'26.44469"W	112.651	N.T.O.C.@COT-MW12
2006	37°17'22.49160"N	120°40'25.52216"W	115.027	N.T.O.C.@COT-MW13
2007	37°17'22.48968"N	120°40'25.52389"W	114.436	N.T.O.C.@COT-MW13





**GALLO CATTLE COMPANY SANTA RITA**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Gallo Cattle Company Santa Rita*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	5:56:06 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1922063.808	6515522.446	110.129	N.T.O.C.@SAN-MW6
2001	1922064.057	6515522.318	110.309	N.T.O.C.@SAN-MW6
2002	1922040.100	6518572.809	110.599	N.T.O.C.@SAN-MW9
2003	1922040.232	6518573.139	110.665	N.T.O.C.@SAN-MW9
2004	1922036.387	6519685.245	112.457	N.T.O.C.@SAN-MW10
2005	1922036.378	6519685.512	112.274	N.T.O.C.@SAN-MW10
2006	1925990.200	6521944.526	118.827	N.T.O.C.@SAN-MW4
2007	1925990.061	6521944.883	118.439	N.T.O.C.@SAN-MW4
2008	1926637.751	6521742.076	118.497	N.T.O.C.@SAN-MW3
2009	1926638.031	6521742.244	118.715	N.T.O.C.@SAN-MW3
2010	1927025.139	6522173.458	118.912	N.T.O.C.@SAN-MW2
2011	1927025.228	6522173.147	119.159	N.T.O.C.@SAN-MW2
2012	1925435.070	6520292.185	116.234	N.T.O.C.@SAN-MW1
2013	1925434.922	6520292.033	116.027	N.T.O.C.@SAN-MW1
2014	1928023.963	6519164.946	114.912	N.T.O.C.@SAN-MW5
2015	1928024.159	6519164.980	115.055	N.T.O.C.@SAN-MW5



# Point, Lat, Long, Elev., Code Report

## Project: Gallo Cattle Company Santa Rita

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	6:01:48 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°16'24.29131"N	120°39'30.90973"W	110.129	N.T.O.C.@SAN-MW6
2001	37°16'24.29376"N	120°39'30.91131"W	110.309	N.T.O.C.@SAN-MW6
2002	37°16'24.10632"N	120°38'53.16935"W	110.599	N.T.O.C.@SAN-MW9
2003	37°16'24.10763"N	120°38'53.16526"W	110.665	N.T.O.C.@SAN-MW9
2004	37°16'24.08679"N	120°38'39.40593"W	112.457	N.T.O.C.@SAN-MW10
2005	37°16'24.08670"N	120°38'39.40262"W	112.274	N.T.O.C.@SAN-MW10
2006	37°17'03.21286"N	120°38'11.52487"W	118.827	N.T.O.C.@SAN-MW4
2007	37°17'03.21149"N	120°38'11.52045"W	118.439	N.T.O.C.@SAN-MW4
2008	37°17'09.61246"N	120°38'14.04176"W	118.497	N.T.O.C.@SAN-MW3
2009	37°17'09.61524"N	120°38'14.03968"W	118.715	N.T.O.C.@SAN-MW3
2010	37°17'13.44891"N	120°38'08.71063"W	118.912	N.T.O.C.@SAN-MW2
2011	37°17'13.44979"N	120°38'08.71449"W	119.159	N.T.O.C.@SAN-MW2
2012	37°16'57.69979"N	120°38'31.96060"W	116.234	N.T.O.C.@SAN-MW1
2013	37°16'57.69833"N	120°38'31.96248"W	116.027	N.T.O.C.@SAN-MW1
2014	37°17'23.27979"N	120°38'45.95885"W	114.912	N.T.O.C.@SAN-MW5
2015	37°17'23.28174"N	120°38'45.95843"W	115.055	N.T.O.C.@SAN-MW5





**P. & L. SOUZA DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: P. & L. Souza Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	2:55:59 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1961442.617	6455929.372	91.850	N.T.O.C.@PLS-MW4
2001	1961442.964	6455929.535	92.264	N.T.O.C.@PLS-MW4
2002	1961097.415	6456305.812	90.728	N.T.O.C.@PLS-MW5
2003	1961097.610	6456306.030	90.622	N.T.O.C.@PLS-MW5
2004	1961472.261	6455206.719	90.865	N.T.O.C.@PLS-MW7
2005	1961472.115	6455206.524	91.180	N.T.O.C.@PLS-MW7
2006	1960907.757	6455721.805	92.080	N.T.O.C.@PLS-MW1
2007	1960907.405	6455721.738	92.318	N.T.O.C.@PLS-MW1
2008	1960713.981	6455715.368	90.823	N.T.O.C.@PLS-MW2
2009	1960713.800	6455715.157	90.634	N.T.O.C.@PLS-MW2
2010	1961964.512	6456432.830	91.228	N.T.O.C.@PLS-MW3
2011	1961964.807	6456432.831	91.082	N.T.O.C.@PLS-MW3
2012	1962113.994	6454578.819	90.094	N.T.O.C.@PLS-MW6
2013	1962114.024	6454578.970	89.788	N.T.O.C.@PLS-MW6



# Point, Lat, Long, Elev., Code Report

## Project: P. & L. Souza Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	3:03:34 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°22'51.99525"N	120°51'50.10178"W	91.850	N.T.O.C.@PLS-MW4
2001	37°22'51.99868"N	120°51'50.09978"W	92.264	N.T.O.C.@PLS-MW4
2002	37°22'48.59661"N	120°51'45.42111"W	90.728	N.T.O.C.@PLS-MW5
2003	37°22'48.59856"N	120°51'45.41842"W	90.622	N.T.O.C.@PLS-MW5
2004	37°22'52.26046"N	120°51'59.05692"W	90.865	N.T.O.C.@PLS-MW7
2005	37°22'52.25902"N	120°51'59.05933"W	91.180	N.T.O.C.@PLS-MW7
2006	37°22'46.69900"N	120°51'52.64773"W	92.080	N.T.O.C.@PLS-MW1
2007	37°22'46.69551"N	120°51'52.64854"W	92.318	N.T.O.C.@PLS-MW1
2008	37°22'44.78284"N	120°51'52.71812"W	90.823	N.T.O.C.@PLS-MW2
2009	37°22'44.78105"N	120°51'52.72073"W	90.634	N.T.O.C.@PLS-MW2
2010	37°22'57.17464"N	120°51'43.88895"W	91.228	N.T.O.C.@PLS-MW3
2011	37°22'57.17756"N	120°51'43.88895"W	91.082	N.T.O.C.@PLS-MW3
2012	37°22'58.58103"N	120°52'06.86794"W	90.094	N.T.O.C.@PLS-MW6
2013	37°22'58.58133"N	120°52'06.86607"W	89.788	N.T.O.C.@PLS-MW6





**PAUL CAETANO DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Paul Caetano Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	1:49:20 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

Point listing				
Name	Northing	Easting	Elevation	Feature Code
2000	1977757.554	6472411.355	108.085	N.T.O.C.@CAE-MW5
2001	1977757.787	6472411.202	108.503	N.T.O.C.@CAE-MW5
2002	1977845.541	6472918.202	111.418	N.T.O.C.@CAE-MW6
2003	1977845.704	6472918.177	111.547	N.T.O.C.@CAE-MW6
2004	1976614.541	6471621.681	108.344	N.T.O.C.@CAE-MW1
2005	1976614.364	6471621.378	108.770	N.T.O.C.@CAE-MW1
2006	1976571.342	6470744.565	107.360	N.T.O.C.@CAE-MW3
2007	1976571.244	6470744.872	107.255	N.T.O.C.@CAE-MW3
2008	1976913.559	6470750.237	107.900	N.T.O.C.@CAE-MW2
2009	1976913.819	6470750.001	108.103	N.T.O.C.@CAE-MW2
2010	1977055.629	6471204.841	109.189	N.T.O.C.@CAE-MW4
2011	1977055.573	6471204.556	109.411	N.T.O.C.@CAE-MW4



# Point, Lat, Long, Elev., Code Report

## Project: Paul Caetano Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	1:56:46 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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Name	Point listing		Elevation	Feature Code
	Latitude	Longitude		
2000	37°25'33.88872"N	120°48'26.55295"W	108.085	N.T.O.C.@CAE-MW5
2001	37°25'33.89102"N	120°48'26.55485"W	108.503	N.T.O.C.@CAE-MW5
2002	37°25'34.77507"N	120°48'20.27286"W	111.418	N.T.O.C.@CAE-MW6
2003	37°25'34.77668"N	120°48'20.27318"W	111.547	N.T.O.C.@CAE-MW6
2004	37°25'22.56178"N	120°48'36.29599"W	108.344	N.T.O.C.@CAE-MW1
2005	37°25'22.56002"N	120°48'36.29975"W	108.770	N.T.O.C.@CAE-MW1
2006	37°25'22.10578"N	120°48'47.16781"W	107.360	N.T.O.C.@CAE-MW3
2007	37°25'22.10483"N	120°48'47.16401"W	107.255	N.T.O.C.@CAE-MW3
2008	37°25'25.48954"N	120°48'47.11169"W	107.900	N.T.O.C.@CAE-MW2
2009	37°25'25.49210"N	120°48'47.11463"W	108.103	N.T.O.C.@CAE-MW2
2010	37°25'26.90921"N	120°48'41.48176"W	109.189	N.T.O.C.@CAE-MW4
2011	37°25'26.90864"N	120°48'41.48530"W	109.411	N.T.O.C.@CAE-MW4





**ROBERT GIOLETTI AND SONS DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Robert Gioletti and Sons Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	9:24:24 AM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	2002812.559	6427858.442	74.039	N.T.O.C.@ROB-MW5
2001	2002812.426	6427858.726	73.927	N.T.O.C.@ROBMW-5
2002	2002621.649	6427054.491	73.299	N.T.O.C.@ROB-MW3
2003	2002621.508	6427054.656	73.418	N.T.O.C.@ROB-MW3
2004	2002320.545	6427060.467	72.637	N.T.O.C.@ROB-MW4
2005	2002320.715	6427060.612	72.834	N.T.O.C.@ROB-MW4
2006	2004185.671	6427046.327	73.996	N.T.O.C.@ROB-MW2
2007	2004185.823	6427046.504	74.161	N.T.O.C.@ROB-MW2
2008	2004520.705	6427045.749	73.588	N.T.O.C.@ROB-MW1
2009	2004520.998	6427045.630	73.885	N.T.O.C.@ROB-MW1
2010	2003683.703	6424716.205	73.108	N.T.O.C.@ROB-MW6
2011	2003683.480	6424716.007	72.937	N.T.O.C.@ROB-MW6
2012	2002441.103	6425359.052	71.889	N.T.O.C.@ROB-MW7
2013	2002440.941	6425359.293	72.165	N.T.O.C.@ROB-MW7
2014	2003547.408	6426014.443	72.317	N.T.O.C.@ROB-MW8
2015	2003547.281	6426014.642	72.390	N.T.O.C.@ROB-MW8



# Point, Lat, Long, Elev., Code Report

## Project: Robert Gioletti and Sons Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	1:04:56 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°29'39.80214"N	120°57'40.42621"W	74.039	N.T.O.C.@ROB-MW5
2001	37°29'39.80084"N	120°57'40.42268"W	73.927	N.T.O.C.@ROBMW-5
2002	37°29'37.87531"N	120°57'50.39053"W	73.299	N.T.O.C.@ROB-MW3
2003	37°29'37.87393"N	120°57'50.38848"W	73.418	N.T.O.C.@ROB-MW3
2004	37°29'34.89856"N	120°57'50.29786"W	72.637	N.T.O.C.@ROB-MW4
2005	37°29'34.90026"N	120°57'50.29607"W	72.834	N.T.O.C.@ROB-MW4
2006	37°29'53.33850"N	120°57'50.58807"W	73.996	N.T.O.C.@ROB-MW2
2007	37°29'53.34001"N	120°57'50.58588"W	74.161	N.T.O.C.@ROB-MW2
2008	37°29'56.65098"N	120°57'50.61587"W	73.588	N.T.O.C.@ROB-MW1
2009	37°29'56.65387"N	120°57'50.61736"W	73.885	N.T.O.C.@ROB-MW1
2010	37°29'48.26029"N	120°58'19.47210"W	73.108	N.T.O.C.@ROB-MW6
2011	37°29'48.25807"N	120°58'19.47455"W	72.937	N.T.O.C.@ROB-MW6
2012	37°29'36.00660"N	120°58'11.41749"W	71.889	N.T.O.C.@ROB-MW7
2013	37°29'36.00501"N	120°58'11.41449"W	72.165	N.T.O.C.@ROB-MW7
2014	37°29'46.97717"N	120°58'03.35358"W	72.317	N.T.O.C.@ROB-MW8
2015	37°29'46.97593"N	120°58'03.35110"W	72.390	N.T.O.C.@ROB-MW8





**ANTONE L. GOMES AND SONS DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Antone L. Gomes and Sons Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	3:30:01 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1944963.697	6411232.505	90.101	N.T.O.C.@ANT-MW3
2001	1944963.442	6411232.372	90.322	N.T.O.C.@ANT-MW3
2002	1944528.569	6411218.182	89.414	N.T.O.C.@ANT-MW4
2003	1944528.311	6411218.281	89.281	N.T.O.C.@ANT-MW4
2004	1944347.449	6410958.894	88.687	N.T.O.C.@ANT-MW2
2005	1944347.075	6410959.065	89.092	N.T.O.C.@ANT-MW2
2006	1945642.291	6411510.630	87.685	N.T.O.C.@ANT-MW6
2007	1945642.418	6411510.391	88.072	N.T.O.C.@ANT-MW6
2008	1945097.227	6410592.990	89.781	N.T.O.C.@ANT-MW1
2009	1945097.037	6410592.902	89.893	N.T.O.C.@ANT-MW1
2010	1945783.525	6410030.267	92.927	N.T.O.C.@ANT-MW5
2011	1945783.684	6410030.534	92.738	N.T.O.C.@ANT-MW5



# Point, Lat, Long, Elev., Code Report

## Project: Antone L. Gomes and Sons Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	3:40:45 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°20'06.98423"N	121°01'02.76453"W	90.101	N.T.O.C.@ANT-MW3
2001	37°20'06.98170"N	121°01'02.76616"W	90.322	N.T.O.C.@ANT-MW3
2002	37°20'02.68128"N	121°01'02.91208"W	89.414	N.T.O.C.@ANT-MW4
2003	37°20'02.67872"N	121°01'02.91084"W	89.281	N.T.O.C.@ANT-MW4
2004	37°20'00.87632"N	121°01'06.11021"W	88.687	N.T.O.C.@ANT-MW2
2005	37°20'00.87264"N	121°01'06.10806"W	89.092	N.T.O.C.@ANT-MW2
2006	37°20'13.70878"N	121°00'59.36706"W	87.685	N.T.O.C.@ANT-MW6
2007	37°20'13.71002"N	121°00'59.37003"W	88.072	N.T.O.C.@ANT-MW6
2008	37°20'08.26942"N	121°01'10.69239"W	89.781	N.T.O.C.@ANT-MW1
2009	37°20'08.26754"N	121°01'10.69348"W	89.893	N.T.O.C.@ANT-MW1
2010	37°20'15.02400"N	121°01'17.70762"W	92.927	N.T.O.C.@ANT-MW5
2011	37°20'15.02559"N	121°01'17.70432"W	92.738	N.T.O.C.@ANT-MW5





**CORREIA FAMILY DAIRY FARMS**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Correia Family Dairy Farms

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	8:45:16 AM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1867588.597	6424875.788	112.903	N.T.O.C.@COR-MW3
2001	1867588.871	6424875.858	113.063	N.T.O.C.@COR-MW3
2002	1868165.804	6424910.487	111.692	N.T.O.C.@COR-MW2
2003	1868165.870	6424910.252	111.915	N.T.O.C.@COR-MW2
2004	1867675.750	6425440.653	111.685	N.T.O.C.@COR-MW5
2005	1867675.996	6425440.517	111.830	N.T.O.C.@COR-MW5
2006	1868039.361	6425417.204	111.433	N.T.O.C.@COR-MW4
2007	1868039.571	6425417.274	111.555	N.T.O.C.@COR-MW4
2008	1869906.064	6426008.066	109.659	N.T.O.C.@COR-MW1
2009	1869906.124	6426008.300	109.538	N.T.O.C.@COR-MW1



# Point, Lat, Long Elev., Code Report

## Project: Correia Family Dairy Farms

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	8:53:31 AM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°07'22.67346"N	120°58'09.02507"W	112.903	N.T.O.C.@COR-MW3
2001	37°07'22.67617"N	120°58'09.02423"W	113.063	N.T.O.C.@COR-MW3
2002	37°07'28.38214"N	120°58'08.63235"W	111.692	N.T.O.C.@COR-MW2
2003	37°07'28.38278"N	120°58'08.63525"W	111.915	N.T.O.C.@COR-MW2
2004	37°07'23.56309"N	120°58'02.05589"W	111.685	N.T.O.C.@COR-MW5
2005	37°07'23.56552"N	120°58'02.05758"W	111.830	N.T.O.C.@COR-MW5
2006	37°07'27.15704"N	120°58'02.36785"W	111.433	N.T.O.C.@COR-MW4
2007	37°07'27.15911"N	120°58'02.36700"W	111.555	N.T.O.C.@COR-MW4
2008	37°07'45.64261"N	120°57'55.18678"W	109.659	N.T.O.C.@COR-MW1
2009	37°07'45.64322"N	120°57'55.18389"W	109.538	N.T.O.C.@COR-MW1





**FRANK J. GOMES DAIRY # 2**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Frank J. Gomes Dairy #2

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	9:03:14 AM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1923480.290	6422776.852	81.511	N.T.O.C.@FG2-MW1
2001	1923480.362	6422776.592	81.324	N.T.O.C.@FG2-MW1
2002	1922467.759	6420415.380	83.559	N.T.O.C.@FG2-MW5
2003	1922467.988	6420415.431	83.353	N.T.O.C.@FG2-MW5
2004	1922911.191	6421216.038	86.905	N.T.O.C.@FG2-MW4
2005	1922911.103	6421215.888	87.361	N.T.O.C.@FG2-MW4
2006	1923912.050	6420395.781	85.441	N.T.O.C.@FG2-MW2
2007	1923911.774	6420395.828	85.311	N.T.O.C.@FG2-MW2
2008	1924090.092	6421263.700	85.343	N.T.O.C.@FG2-MW3
2009	1924090.256	6421264.053	85.778	N.T.O.C.@FG2-MW3



# Point, Lat, Long, Elev., Code Report

## Project: Frank J. Gomes Dairy #2

Consultant	Epic Land Surveying, Inc.	Date & Time	9:12:52 AM 1/11/2012
Coordinate System	US State Plane 1983	Zone	California Zone 3 0403
Project Datum	(WGS 84)	Epoch Date	2007
Vertical Datum	NAVD88	Geoid Model	GEOID09
Coordinate Units	US survey feet	Survey Instrument	Trimble VX Spatial Station
Distance Units	US survey feet		
Elevation Units	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°16'35.18080"N	120°58'38.46132"W	81.511	N.T.O.C.@FG2-MW1
2001	37°16'35.18150"N	120°58'38.46454"W	81.324	N.T.O.C.@FG2-MW1
2002	37°16'25.04962"N	120°59'07.61392"W	83.559	N.T.O.C.@FG2-MW5
2003	37°16'25.05188"N	120°59'07.61331"W	83.353	N.T.O.C.@FG2-MW5
2004	37°16'29.47485"N	120°58'57.73636"W	86.905	N.T.O.C.@FG2-MW4
2005	37°16'29.47398"N	120°58'57.73820"W	87.361	N.T.O.C.@FG2-MW4
2006	37°16'39.32858"N	120°59'07.94912"W	85.441	N.T.O.C.@FG2-MW2
2007	37°16'39.32585"N	120°59'07.94852"W	85.311	N.T.O.C.@FG2-MW2
2008	37°16'41.13330"N	120°58'57.22188"W	85.343	N.T.O.C.@FG2-MW3
2009	37°16'41.13494"N	120°58'57.21752"W	85.778	N.T.O.C.@FG2-MW3





**GODINHO DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Godinho Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	2:42:47 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1859123.285	6452383.317	102.156	N.T.O.C. @ GOD-MW5
2001	1859123.128	6452383.265	102.420	N.T.O.C. @ GOD-MW5
2002	1859805.914	6453457.656	100.348	N.T.O.C. @ GOD-MW7
2003	1859806.014	6453457.337	100.427	N.T.O.C. @ GOD-MW7
2004	1860429.896	6453477.396	100.608	N.T.O.C. @ GOD-MW6
2005	1860429.969	6453477.097	100.681	N.T.O.C. @ GOD-MW6
2006	1861577.944	6453532.077	102.397	N.T.O.C. @ GOD-MW2
2007	1861578.149	6453531.770	102.297	N.T.O.C. @ GOD-MW2
2008	1861645.677	6454500.233	101.262	N.T.O.C. @ GOD-MW3
2009	1861645.792	6454500.437	101.390	N.T.O.C. @ GOD-MW3
2010	1861516.900	6455142.827	101.298	N.T.O.C. @ GOD-MW4
2011	1861516.761	6455142.945	101.650	N.T.O.C. @ GOD-MW4
2014	1861968.829	6456093.905	98.167	N.T.O.C. @ GOD-MW1
2015	1861969.122	6456093.686	98.077	N.T.O.C. @ GOD-MW1



# Point, Lat, Long, Elev., Code Report

## Project: Godinho Dairy

<b>Consultant Name</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	3:12:36 PM 1/10/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°06'00.20130"N	120°52'28.96149"W	102.156	N.T.O.C. @ GOD-MW5
2001	37°06'00.19974"N	120°52'28.96212"W	102.420	N.T.O.C. @ GOD-MW5
2002	37°06'06.99293"N	120°52'15.73371"W	100.348	N.T.O.C. @ GOD-MW7
2003	37°06'06.99391"N	120°52'15.73766"W	100.427	N.T.O.C. @ GOD-MW7
2004	37°06'13.16317"N	120°52'15.52058"W	100.608	N.T.O.C. @ GOD-MW6
2005	37°06'13.16388"N	120°52'15.52427"W	100.681	N.T.O.C. @ GOD-MW6
2006	37°06'24.51633"N	120°52'14.90173"W	102.397	N.T.O.C. @ GOD-MW2
2007	37°06'24.51835"N	120°52'14.90554"W	102.297	N.T.O.C. @ GOD-MW2
2008	37°06'25.22379"N	120°52'02.95344"W	101.262	N.T.O.C. @ GOD-MW3
2009	37°06'25.22493"N	120°52'02.95092"W	101.390	N.T.O.C. @ GOD-MW3
2010	37°06'23.97541"N	120°51'55.01459"W	101.298	N.T.O.C. @ GOD-MW4
2011	37°06'23.97404"N	120°51'55.01312"W	101.650	N.T.O.C. @ GOD-MW4
2014	37°06'28.48029"N	120°51'43.29542"W	98.167	N.T.O.C. @ GOD-MW1
2015	37°06'28.48317"N	120°51'43.29815"W	98.077	N.T.O.C. @ GOD-MW1





**JOHN MACHADO DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: John Machado Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	10:42:38 AM 1/13/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2043	1864386.263	6445327.675	98.059	N.T.O.C.@MAC-MW3
2044	1864386.020	6445327.423	97.881	N.T.O.C.@MAC-MW3
2045	1863948.824	6446465.115	98.247	N.T.O.C.@MAC-MW4
2046	1863948.648	6446464.969	98.512	N.T.O.C.@MAC-MW4
2047	1863721.327	6446457.309	98.234	N.T.O.C.@MAC-MW5
2048	1863721.092	6446457.299	98.056	N.T.O.C.@MAC-MW5
2049	1863185.172	6446385.245	100.343	N.T.O.C.@MAC-MW1
2050	1863184.983	6446385.345	100.432	N.T.O.C.@MAC-MW1
2051	1863170.797	6446852.773	99.423	N.T.O.C.@MAC-MW2
2052	1863170.583	6446852.881	99.162	N.T.O.C.@MAC-MW2



# Point, Lat, Long, Elev., Code

## Project: John Machado Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	11:08:56 AM 1/13/2012
<b>Coordinate System</b>	US State Plane 1983 Zone		California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2043	37°06'51.94922"N	120°53'56.33020"W	98.059	N.T.O.C.@MAC-MW3
2044	37°06'51.94681"N	120°53'56.33329"W	97.881	N.T.O.C.@MAC-MW3
2045	37°06'47.67187"N	120°53'42.26464"W	98.247	N.T.O.C.@MAC-MW4
2046	37°06'47.67013"N	120°53'42.26644"W	98.512	N.T.O.C.@MAC-MW4
2047	37°06'45.42223"N	120°53'42.34915"W	98.234	N.T.O.C.@MAC-MW5
2048	37°06'45.41991"N	120°53'42.34926"W	98.056	N.T.O.C.@MAC-MW5
2049	37°06'40.11813"N	120°53'43.21088"W	100.343	N.T.O.C.@MAC-MW1
2050	37°06'40.11627"N	120°53'43.20962"W	100.432	N.T.O.C.@MAC-MW1
2051	37°06'39.99549"N	120°53'37.43831"W	99.423	N.T.O.C.@MAC-MW2
2052	37°06'39.99338"N	120°53'37.43697"W	99.162	N.T.O.C.@MAC-MW2





**JOSE NUNES DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Jose Nunes Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	10:42:38 AM 1/13/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2031	1864965.275	6447035.726	95.605	N.T.O.C.@NUN-MW4
2032	1864965.086	6447035.980	95.542	N.T.O.C.@NUN-MW4
2034	1865370.412	6447053.420	93.917	N.T.O.C.@NUN-MW3
2035	1865370.142	6447053.524	93.859	N.T.O.C.@NUN-MW3
2037	1865615.168	6447014.682	94.958	N.T.O.C.@NUN-MW1
2038	1865615.058	6447014.807	95.227	N.T.O.C.@NUN-MW1
2040	1864721.782	6446238.979	97.078	N.T.O.C.@NUN-MW2
2041	1864721.569	6446239.003	96.894	N.T.O.C.@NUN-MW2



# Point, Lat, Long, Elev., Code Report

## Project: Jose Nunes Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	11:08:56 AM 1/13/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2031	37°06'57.74552"N	120°53'35.27274"W	95.605	N.T.O.C.@NUN-MW4
2032	37°06'57.74366"N	120°53'35.26960"W	95.542	N.T.O.C.@NUN-MW4
2034	37°07'01.75193"N	120°53'35.07530"W	93.917	N.T.O.C.@NUN-MW3
2035	37°07'01.74927"N	120°53'35.07401"W	93.859	N.T.O.C.@NUN-MW3
2037	37°07'04.17028"N	120°53'35.56627"W	94.958	N.T.O.C.@NUN-MW1
2038	37°07'04.16920"N	120°53'35.56473"W	95.227	N.T.O.C.@NUN-MW1
2040	37°06'55.30484"N	120°53'45.09682"W	97.078	N.T.O.C.@NUN-MW2
2041	37°06'55.30273"N	120°53'45.09652"W	96.894	N.T.O.C.@NUN-MW2





**MOONSHINE DAIRY**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## *Project: Moonshine Dairy*

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	2:36:00 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

<u>Name</u>	<u>Northing</u>	<u>Easting</u>	<u>Elevation</u>	<u>Feature Code</u>
2000	1966327.923	6411794.168	77.034	N.T.O.C.@MOO-MW5
2001	1966327.922	6411794.168	77.035	N.T.O.C.@MOO-MW5
2002	1968981.134	6413226.121	71.418	N.T.O.C.@MOO-MW6
2003	1968980.925	6413226.272	71.523	N.T.O.C.@MOO-MW6
2004	1970371.675	6414738.233	69.253	N.T.O.C.@MOO-MW7
2005	1970371.477	6414738.059	69.162	N.T.O.C.@MOO-MW7
2006	1969985.235	6415794.081	69.198	N.T.O.C.@MOO-MW8
2007	1969985.380	6415794.347	69.115	N.T.O.C.@MOO-MW8



# Point, Lat, Long, Elev., Code Report

## Project: Moonshine Dairy

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	2:41:18 PM 1/11/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

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### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°23'38.24582"N	121°00'57.26817"W	77.034	N.T.O.C.@MOO-MW5
2001	37°23'38.24581"N	121°00'57.26817"W	77.035	N.T.O.C.@MOO-MW5
2002	37°24'04.55611"N	121°00'39.70284"W	71.418	N.T.O.C.@MOO-MW6
2003	37°24'04.55404"N	121°00'39.70096"W	71.523	N.T.O.C.@MOO-MW6
2004	37°24'18.38577"N	121°00'21.05594"W	69.253	N.T.O.C.@MOO-MW7
2005	37°24'18.38381"N	121°00'21.05809"W	69.162	N.T.O.C.@MOO-MW7
2006	37°24'14.62122"N	121°00'07.94414"W	69.198	N.T.O.C.@MOO-MW8
2007	37°24'14.62266"N	121°00'07.94086"W	69.115	N.T.O.C.@MOO-MW8





**TONY L. LOPES DAIRY LP**

**MONITORING WELLS SURVEY REPORT**



# Point, Northing, Easting, Elev., Code Report

## Project: Tony L. Lopes Dairy LP

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	4:55:10 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Northing	Easting	Elevation	Feature Code
2000	1885198.000	6419936.052	107.775	N.T.O.C.@TON-MW5
2001	1885197.814	6419936.024	107.862	N.T.O.C.@TON-MW5
2002	1885430.957	6418969.244	110.182	N.T.O.C.@TON-MW3
2003	1885431.232	6418969.267	110.279	N.T.O.C.@TON-MW3
2004	1886064.369	6420322.692	107.543	N.T.O.C.@TON-MW4
2005	1886064.213	6420322.513	107.248	N.T.O.C.@TON-MW4
2006	1885483.949	6420911.291	104.639	N.T.O.C.@TON-MW1
2007	1885483.928	6420911.479	104.773	N.T.O.C.@TON-MW1
2008	1884480.040	6421493.999	101.384	N.T.O.C.@TON-MW2
2009	1884479.922	6421493.662	101.551	N.T.O.C.@TON-MW2
4000	1888108.637	6422818.934	98.655	N.T.O.C.@TON-MW6
4001	1888108.389	6422819.181	98.367	N.T.O.C.@TON-MW6
4002	1888203.083	6424982.053	94.012	N.T.O.C.@TON-MW8
4003	1888203.277	6424982.178	93.622	N.T.O.C.@TON-MW8
4004	1889383.173	6424809.853	100.294	N.T.O.C.@TON-MW7
4005	1889383.086	6424809.637	100.614	N.T.O.C.@TON-MW7



# Point, Lat, Long, Elev., Code Report

## Project: Tony L. Lopes Dairy LP

<b>Consultant</b>	Epic Land Surveying, Inc.	<b>Date &amp; Time</b>	5:27:12 PM 1/17/2012
<b>Coordinate System</b>	US State Plane 1983	<b>Zone</b>	California Zone 3 0403
<b>Project Datum</b>	(WGS 84)	<b>Epoch Date</b>	2007
<b>Vertical Datum</b>	NAVD88	<b>Geoid Model</b>	GEOID09
<b>Coordinate Units</b>	US survey feet	<b>Survey Instrument</b>	Trimble VX Spatial Station
<b>Distance Units</b>	US survey feet		
<b>Elevation Units</b>	US survey feet		

### Point listing

Name	Latitude	Longitude	Elevation	Feature Code
2000	37°10'14.26884"N	120°59'07.16461"W	107.775	N.T.O.C.@TON-MW5
2001	37°10'14.26730"N	120°59'07.16329"W	107.862	N.T.O.C.@TON-MW5
2002	37°10'09.40516"N	120°59'17.84318"W	110.182	N.T.O.C.@TON-MW3
2003	37°10'09.40729"N	120°59'17.84529"W	110.279	N.T.O.C.@TON-MW3
2004	37°10'23.13052"N	120°59'11.00857"W	107.543	N.T.O.C.@TON-MW4
2005	37°10'23.12819"N	120°59'11.00887"W	107.248	N.T.O.C.@TON-MW4
2006	37°10'22.92989"N	120°59'00.79792"W	104.639	N.T.O.C.@TON-MW1
2007	37°10'22.93101"N	120°59'00.79604"W	104.773	N.T.O.C.@TON-MW1
2008	37°10'19.63630"N	120°58'47.05916"W	101.384	N.T.O.C.@TON-MW2
2009	37°10'19.63316"N	120°58'47.06119"W	101.551	N.T.O.C.@TON-MW2
4000	37°10'45.45642"N	120°58'35.71193"W	98.655	N.T.O.C.@TON-MW6
4001	37°10'45.45399"N	120°58'35.70886"W	98.367	N.T.O.C.@TON-MW6
4002	37°10'46.49830"N	120°58'08.98903"W	94.012	N.T.O.C.@TON-MW8
4003	37°10'46.50023"N	120°58'08.98749"W	93.622	N.T.O.C.@TON-MW8
4004	37°10'58.15755"N	120°58'11.19004"W	100.294	N.T.O.C.@TON-MW7
4005	37°10'58.15668"N	120°58'11.19270"W	100.614	N.T.O.C.@TON-MW7

