

## PLSS GPS Observation Sheet

Project Name <b>SL T15S R10E</b> (Meridian Township Range)		Township		½ (2)	N S	Range		½ (2)	E W	Section			Meridian																						
		T	1	5		S	1	0		E			(SL)	US																					
Contacts Name Lee M. Swasey		Source Agency JOHANSEN & TUTTLE ENGINEERING							Date 12/05/05																										
Contacts Phone (435) 381-2523																																			
Control Station																																			
Name CP-WEST		Type COR HARN TRI <u>Other</u> LOCAL SURVEY							Accuracy Order																										
USGS Quad Name ELMO UTAH		Datum Nad27 Nad83 <u>Nad83 (1994)</u> WGS84 Local							State UTAH County EMERY																										
Latitude							Longitude																												
N	3	9	-	2	8	-	0	8	.	2	2	8	1	8	W	1	1	0	-	4	7	-	1	5	.	1	3	2	7	7					
Northing							Easting																												
6	9	7	6	1	1	2	.	8	0						1	8	4	1	5	4	5	.	4	0											
Units				Survey Foot		<u>International Foot</u>		Meter		Coordinate Type				<u>State Plane</u>		UTM																			
Zone				Utah North		<u>Utah Central</u>		Utah South		Vertical Datum				NGVD29		<u>NAVD88</u>																			
Ellipsoid Height				1711.15 M				FT		Geoid Height				M		5671.75 FT																			
Base Receiver																																			
Type				TRIMBLE				Model				4000 SSI				Serial Number																			
Logging Interval			5 SEC.			Elevation Mask			13			PDOP Mask			6			Antenna Type			L1/L2 w/GROUND PLANE														
Start Time				AM		PM		End Time				AM		PM																					
Antenna Height																																			
Session Beginning			1 <sup>st</sup>		M		2 <sup>nd</sup>		M		3 <sup>rd</sup>		M		Ave 4.482 Feet M																				
Session End			1 <sup>st</sup>		M		2 <sup>nd</sup>		M		3 <sup>rd</sup>		M		Ave M																				
Rover Receiver																																			
Type				TRIMBLE				Model				5800				Serial Number			4253117118																
Approximate Distance From Base Station						Miles		Antenna Type						5800 INTERNAL			Antenna Height			6.6 FT															
Station Observation																																			
Observation Type <u>RTK</u> FAST STATIC STATIC OTHER																																			
First Observation																																			
Station Name (M1)			2			0			0			1			0			0			Description SW corner Sec. 32														
Occupation time						PDOP Best						RMS Best																							
Number of Measurements						60						PDOP Worst						2.5						RMS Worst						9.6					
Second Observation																																			
Station Name (M2)																		Description																	
Occupation time						PDOP Best						RMS Best																							
Number of Measurements						PDOP Worst						RMS Worst																							
Inverse Distance Between M1 and M2								FT		Alternate Base Station Used					Yes		No																		
Monument and Markings																																			
Type / Size																																			
Stone			Pipe/Cap						Post			Other																							
Size			Size 2½ / 3¼ 1969 BLM						Size			Size																							
Material			Material steel / brass						Material			Material																							

Sketch/Rubbing or Attach Photo of GPS Station Occupied  
Show rotation of stampings/markings relative to North and describe briefly

See Emery County Land Survey Monument Record Sheet 1510200100