

PLSS GPS Observation Sheet

Project Name SL T15S R10E (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 st		M		2 nd		M		3 rd		M		Ave		4.482 Feet M														
Session End		1 st		M		2 nd		M		3 rd		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)		3		0		0		1		0		0		Description SW corner Sec. 33																
Occupation time				PDOP Best				RMS Best																						
Number of Measurements				60				PDOP Worst				1.8		RMS Worst				11.5												
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 1510300100