## UTAH LAND SURVEY MONUMENT RECORD

County EMERY County Reference No. 1016, 500 400 2. Type of Monument: Section Corner Quarter Corner (Check one) Other \_ 3. Your Description and Observation of Monument Found (Be Specific): found sto BLM CAP by cone post 4. Description of Monument, Reference Monument or Accessories Established by You to Perpetuate the Location of this Point: SET A #4 REBAR W- SW- 5- 5E OF CORNER 5. Sketch showing Relative Location of Monument Accessories and Two Reference Points Stating Whether Found or Set. Show Supporting and/or Contradictory Evidence where Applicable. Include North Arrow. N 72°50'01"W 29,44 5 54'22'53"E 557°56'02"W 38.41 6. Certification: Firm Name and/or Surveyor: JOHANSEN & TUTTLE ENG \_\_\_ Phone: <u>381-2523</u> 905 100 € This is to certify that I was in responsible charge of the surveying work described in this record and that to the best of my knowledge the information presented herein is true and correct. 7. Location Diagram: 8. Section: 14 10. Range: -T165 R 10E

12. Diagram Coordinate

from Master Index for

Townships: \_

Report one monument per form. Type or use permanent black ink.

Fill in all items.

11. Monument Inscription:

#### **PLSS GPS Observation Sheet**

Project Name			Tow	nship		½ (2)	N S	Rang		ge	(2)		, T	Section			Meridian				
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(Meridian Township Range			1	0	Sau-				0		E	'				0	ノ	03			
Contacts Name Lee M. Swascy Contacts Phone (435) 381-2523	-	Source Agency Date  JOHANSEN & TUTTLE ENGINEERING 11/10/05																			
Control Station										-	_										
		-	Type Accuracy												===						
Name ELM GPS 12		COR	COR HARN TRI Other EMERY COUNTY									Order									
USGS Quad Name		Datum Nad83								- 1	State UTAH										
OLSEN RESERVOIR U	Nad2	Nad27 Nad83 (1994) WGS84 Local							ıl	County EMERY											
Lat	itude							_			L	ongitu	gitude								
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Zone Utah North Utah	Utah So	uth			Ver	ical D	atu	m	]	NGV	D29	NAVD88									
Ellipsoid Height 171	1.15 м				FT	Geo	id Hei	ght											FT		
Base Receiver																					
Type TRIMBLE	Mode	Model 4000 SSI						Serial Number													
Logging Interval 5 SEC. El									L2 w/GROUND PLANE												
Start Time AM PM End Time AM PM																					
Session Beginning 1 <sup>st</sup>	M	Antenna Height  M 2 <sup>nd</sup> M 3 <sup>rd</sup>						7	M Ave 4.718 Feet M								[				
Session End 1 <sup>rt</sup>		M	M 2 <sup>nd</sup> M 3 <sup>rd</sup>												M						
				Rov	er F	leceiv	er														
Type TRIMBLE	Mod										Yumbe	nber 4253117118									
Approximate Distance From Base S	Mile	Miles Antenna Type 5800 INTERNAL										Antenna Height 6.6 FT									
			S	tatio	n Ol	serva	tion														
Observation Type (RTK)	FAST STATIO	C	STAT			THER servation		-													
Station Name 5 0 0 4 2	0	Descri	ption S					- Sec	c. 14	1											
Occupation time	PDOP	PDOP Best R							RM	RMS Best											
Number of Measurements 60		PDOP	DOP Worst 3.7 RMS Worst 8.7																		
				Seco	nd Ol	bservat	ion			J											
Station Name (M2)	1																				
Occupation time	PDOP	DOP Best					RMS Best														
Number of Measurements	PDOP	OOP Worst						RMS Worst													
Inverse Distance Between M1 and M2 FT Alternate Base Station Used Yes No  Monument and Markings																					
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Stone		Pipe/C	Cap		уре	/ Size		Po	ost	- 78 - 3		10	Other								
Size		1969	BLM		Size							Size									
Material	teel / b	rass			Material						N	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 1610500420

### EMERY COUNTY LAND SURVEY MONUMENT RECORD

LIVILITY OCCITY Y				
Date of field work: 11-10-05		County R	Reference No. 16	10500420
Type of Monument:	Section Corner		Quarter Corner	•
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Bench Mark		Other 1/16 a	RNER
Your Description and Observation of 1969 RLM BRASS CAP & ABOVE		3e Specific ):		
Description of Monument, Reference Location of this Point: SET 4:	e Monument or Accesson 44 REBAR AS 348WI	ories Established N BELOW	d by You to Per	rpetuate the
Sketch showing Relative Location of Found or Set. Show Supporting an	of Monument Accessories d/or Contradictory Evid	s and Two Refe ence where App	erence Points St plicable. Include	ating Whether North Arrow.
*	N 1°52 14.		<del>L</del>	
TIGS RIDE X SIGN SIS SIA ING SUMM BLM BLM	571'02'45"W 25.12 WINAGE 7	5 2° 20'04" 6 47.14	N 70°49'52"E 25.67	<b>A</b>
Certification:	· /			
Tittle Harrie and or our rejoin	hansen & Tuttle Er			
Address: 90 S. 100 E. C	astle Dale, Utah	84513	Phone: <u>(435)</u>	381-2523
This is to certify that I was in respon of my knowledge the information pres	sible charge of the surveying ented herein is true and corr	work described in ect.	this record and the	at to the best
Location Diagram: Section: 14 Township: 165 Range: 105	-\ <u>\</u> -\-	No. 146 CRAIG JOHAN	i E.	(1-05

#### **PLSS GPS Observation Sheet**

i	roject N					Т	Township				(2)	N	T	Range			2)	E	E Secti			tion		Meridian	
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(Meridis													1	U			E	L.				S	2	US	
Contacts Name Lee M. Swasey							Source Agency								Date 11/10/05										
Contacts Phone (435) 381-2523																05	- 41-	_							
Control Station																									
Name ELM GPS 12							Type  COR HARN TRI Other EMERY COUN							TY	Accuracy Y Order										
USGS	USGS Quad Name								Datum								State UTAH								
OLSEN RESERVOIR UTAH							Nad27 Nad83 (Nad83) WGS84						4	Local County EM						TERY					
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Type TRIMBLE															Number L1/L2 w/GROUND PLANE										
Logging Interval 5 Start Time	SEC	<u>.                                    </u>	Elev	ation	Mask	A.M	13	PM	PD	OP M		6 Time	P	Ante	ina I	ype	<u>_</u>	,1/L2	. W/		M M		PLA PM	NE	
Start Time					- 4	XIVI		1 141	Ar	tenn	Heigh			30 10 10 10 10 10 10 10 10 10 10 10 10 10								***			
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Session End	_	1**				N	1	2-	and the state of	T		M	1.	<b>3</b> ·-		_	_	M	-	Ave			-	M	_
Toma TRIMBLE			_			Mo	dal	5	800	err	leceiv	er	-			Sariol	Num	her /	125	3111	7119	_		_	_
Type TRIMBLE Model Approximate Distance From Base Station Miles																	Hum	Antenna Height 6.6 FT							
Approximate Danial			JC (JA												****			- 6						-	
Station Observation  Observation Type (RTK) FAST STATIC STATIC OTHER										_															
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Station Name 5 (M1)	0 0	4	4	0		Desci	ipti	on 1	W 1/4	cor	ner Se	c. 14													
Occupation time						PDO	PDOP Best						]	RMS Best											
Number of Measure	ments	60				PDO									RMS V	S Worst 6.4									
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Station Name Description											***														
Occupation time Pl							OOP Best RMS Bes								Best	l .									
							OP Worst RMS Wor								Worst										
Inverse Distance Bet	ween N	41 ar	d M	2		_	_		F	-	lterna	-100		tion	Used	- 4	_	Yes			ło			_	- 1
Monument and Markings  Type / Size																									
Stone			Т			Pipe	Can	)		Гуре	/ Size			Post				Oth	er						
Size										Size							Size								
Material Material steel / brass									Material Material							(C. 4)4									
			DOM:	Matchai Steel Viass International Internatio																					

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 1610500440

# EMERY COUNTY LAND SURVEY MONUMENT RECORD

Date of field work: 11-10-05	County Reference No. 1610 500 440
Type of Monument: Section Corner Bench Mark	Quarter Corner Other
Your Description and Observation of Monument Found ( Be Sp. 1969 BLM BRASS CAP 2" ABOVE GROUND LEVEL	ecific ):
Description of Monument, Reference Monument or Accessories Location of this Point: SET 4 #4 REBAR AS SHOWN BEL	Established by You to Perpetuate the
Sketch showing Relative Location of Monument Accessories and Found or Set. Show Supporting and/or Contradictory Evidence	Two Reference Points Stating Whether where Applicable. Include North Arrow.
NO'21'36"W 25.46  SEPT IN 25.46  STIBS RIDE T 25.57  N 88'09'44' E 22.76  SI'40'21' E 26.04	N
Certification:	
Firm name and/or Surveyor: Johansen & Tuttle Eng.  Address: 90 S. 100 E. Castle Dale, Utah 8451	3 Phone: (435) 381-2523
Address: 90 S. 100 E. Castle Dale, Utah 8451  This is to certify that I was in responsible charge of the surveying work of my knowledge the information presented herein is true and correct.	
	ausen
Location Diagram: Section: A Township: 165 Range: 10E	No. 146602 CRAIG E. JOHANSEN