UTAH LAND SURVEY MONUMENT RECORD

County EMERY		-	County Re	ו(610 ference No. <u>ולאל</u> 1610 ference No. <u>ולאל</u>	400
1. Date of Field Work: 12-19-00					
	Section Corner Bench Mark	Quarter C			
3. Your Description and Observation Found STD BLM CAP 10°- 300	i of Monument I M of Brink of	Found (Be Speci	fic):		
4. Description of Monument, Referent Location of this Point:	nce Monument o		stablished by	You to Perpetuate the	
5. Sketch showing Relative Location Found or Set. Show Supporting an	of Monument A ld/or Contradict	ccessories and T ory Evidence wh	wo Reference ere Applicabl	Points Stating Wheth e. Include North Arro	her w.
		N27°59'09'6 20.37 N87°06'38" 22.86	<u> </u>		
5 10°05'27"E 148.20 —		5 35°26'5'			
Certification: Firm Name and/or Surveyor: Address:	90 5 100 E	CASTIE DAVE	UTHH	. Phone: <u>38(-2523</u>	-
This is to certify that I was in responsible my knowledge the information presented	charge of the surve d herein is true and	ying work describe correct	d in this record	and that to the best of	
Location Diagram: Section: 15 Township: 165 0. Range: 10E 7 7 7 7 7 7 7 7 7 7 7 7 7	15		Sur	Signal Vale St. No. 146602 veyer's Stai CRAIG E. JOHAMSED	
1969 12. D	iagram Coordin		11-3	0-01 PEOFUT	

11. Monument Inscription:

12. Diagram Coordinate
from Master Index for
Townships:

Report one monument per form.
Type or use permanent black ink.
Fill in all items.

Date of field work: 5-2/-0/		County Reference No. 1610	400 400
Type of Monument:	Section Corner	Quarter Corner	
	Bench Mark	Other	
Your Description and Observation of	Monument Found (Be S)	pecific):	
FOUND STD BLM CAP IN A CULTIVATE			
Description of Monument, Reference Location of this Point:	Monument or Accessories	Established by You to Perpe	tuate the
NONE FERSABLE			•
Sketch showing Relative Location of	Monument Accessories an	d Two Reference Points Stat	ing Whether
Found or Set. Show Supporting and/	or Contradictory Evidence	where Applicable, include in	// (// / WI OW.
STIGSRIDE TO	^	1	
5 516 515	စ ်	λ	
521/522			•
CALIO MENERAL		<u> </u>	
		×	
	xxx	/ -x - x - x	
Certification:	·	! Y	
	ansen & Tuttle Eng. tle Dale, Utah 845	13 Phone: (435) 3	81-2523
This is to certify that I was in responsib of my knowledge the information present	le charge of the surveying work ed herein is true and correct.	described in this record and that	to the best
•		IAND	
		SED LAND SU	
Location Diagram:		No. 146602	
Section: 15		CRAIG E.	. 6
Township: <u>/65</u> /5 Range: <u>/0€</u>		JOHAMSEN	Laken
		Date Date	
<u></u>		Dute	2

UTAH LAND SURVEY MONUMENT RECORD

County EMERY		1610 County Reference No. <u>444 420400</u>
1. Date of Field Work: 12	-20-00	
2. Type of Monument: (Check one)	Section Corner Bench Mark	Quarter Corner Other 1/16 CORNER
3. Your Description and Obse	ervation of Monument	Found (Be Specific):
		d & 25. ' Sauthof Truck Trail
4. Description of Monument, Location of this Point: SET A ## REBAR SOUT	Reference Monument h - Southwest - west	or Accessories Established by You to Perpetuate the
5. Sketch showing Relative L	ocation of Monument A	Accessories and Two Reference Points Stating Whether
round or Set. Show Suppor	ting and/or Contradic	tory Evidence where Applicable. Include North Arrow.
1		, T
	N 58'18'4"	7'w, 26.02 g
#1170-	-5 89°54'4	(°ω, 25.27
SET 10-1		
	5 37°55'02	~W. 41.03
o'	5 5°36'56"	/ V ω 22,88
\ -=#4	35555	. , 55.06
56T***	•	,
Certification:		
Firm Name and/or Surveyor:Address:	904	JOHANSEN & TUTTLE ENG Phone: 381-2523
		100 E CASTLE DALE UTAN
my knowledge the information	ponsible charge of the surv presented herein is true an	veying work described in this record and that to the best of
Location Diagram:		
Section: <u>15</u> Township: <u>16 5</u>	i	- CAND SUN
). Range:	15	Signatur No. 146602
D. I	A	Surveydr's SeaiCRAIG E
5 TIGS RIDE		over maanfoH ansero
515	N	arale that
W/16 522		Date OF U

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:

1969

Project Name			Te	owns	hip		(2)	N S		Ran	ge		6 2)	E Section						Meridian				
SL T16S R10			r	1		6	1	S	١,	П	0	1	1	-	E						(SL) US			
(Meridian Township Ran Contacts Name Lee M. Swase						-	Source	e Ager				<u></u>		-	L_			ate	10					
Contacts Phone (435) 381-252		1	JC	AHC	NS	EN	& TU	_		GIN	NEE	RIN	G					11/	05					
				_	_	_	Stati	-						-	-		-			-	==			
TEL M. CDC 1:							Ту	pe						Ac	cura	icy		-		_				
Name ELM GPS 1		COR HARN TRI Other EMERY COUNTY									Order													
USGS Quad Name	**************************************	Datum Nad83 Wasset V									State UTAH													
OLSEN RESERVOIR	Nad	127 Nad83 (1994) WGS84 Local County										ounty EMERY												
La	_	Longitude										-	_											
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Units Survey Foot																								
Zone Utah North Utah																								
Ellipsoid Height 17]	FT	Geo	d He	ight					М	-			50	571.	75)	FT							
Base Receiver																								
Type TRIMBLE	Mode	Model 4000 SSI Serial Num								ber														
Logging Interval 5 SEC.	1	13]	PDO	P M	ask	6	An	tenn	а Ту	pe	L	1/L2	w/	GR	OUN	1D I	PLA	NE					
Start Time	A	М	P	M	4 4		End 7									A	M	ŀ	M					
Session Beginning 1st		М		2 nd	Ant	enna	Heigh	M	3 ^{rs}					M	T	Ave	4	718	Fee	t M				
Session End 1st			M 2 nd M 3 rd						0	M Ave M														
				R	tove	er R	leceiv	er						*****										
Type TRIMBLE		Mod	-	580								erial	Num	ber 4	253	3117	7118							
Approximate Distance From Base	Station	Mile	es	Ante	nna	Тур	ype 5800 INTERNAL Antenna Height								5.6 I	T								
		_			tion		serva	tion				-												
Observation Type (RTK)	FAST STATIC		STA	ATIC	Firet		HER servatio				- 43.47.533													
Station Name 4 0 0 4 6	5 0 1	Descri	ption		10,000		rner Se		- Se	c. 1	5				•									
Occupation time	I	PDOP	Best	t				50/76			R	MS B	lest											
Number of Measurements 60	I	PDOP	Wor	rst 2	2.0					032500	R	MS V	Vorst	13.	7	277.5590								
Station Name		Descri	ption		econ	d Ob	servati	on	***							- 10				,				
(M2) Occupation time	\bot			-							77.	AC P			-									
Occupation time PDOP Best RMS Best Number of Measurements PDOP Worst RMS Worst												<u> </u>												
Inverse Distance Between M1 and M2 FT Alternate Base Station Used Yes No																								
			M	onui	nen	t ar	ıd Ma	rking	s		-	_			_		702	-	-	-				
Monument and Markings Type / Size																								
Stone		Pipe/C		0.5-					Po	st	40.00			Othe	77//									
Size	Size 2½/3			9 BL	_M	-	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

		36		
Date of field work:	- 11- 05	County Re	eference No. <u>161040046</u>	20_
Type of Monument:	Section Corner	V	Quarter Corner	
	Bench Mark	~	Other 1/16 CORNER	
	servation of Monument Found % ABOVE GROUND LEVE			
Description of Monument Location of this Point:se	Reference Monument or Acce 14 # 4 REBAR AS SHOW	essories Established N BELOW .	l by You to Perpetuate ti	he
Sketch showing Relative Found or Set. Show Sup	Location of Monument Accesso porting and/or Contradictory E	ories and Two Refe Evidence where App	rence Points Stating Whe licable. Include North Arro	the <i>r</i> ow.
J5 DEPT /A/X TIGS RIDE N 1/16 S16 515 1969 CAD SHEV BLM	N12°59'57"W 27.61 187°15'31"W 25.51		*29'50"E %.53	8
Certification:				
Firm name and/or Surv	eyor: <u>Johansen & Tuttle</u>		r	
Address: 90 S. 10	0 E. Castle Dale, Utah	84513	Phone: <u>(435) 381–25</u>	23
This is to certify that I was of my knowledge the info	was in responsible charge of the surve ormation presented herein is true and	eying work described in correct.	this record and that to the be	est
Location Diagram: Section: \\ \5 \\ Township: \\ \6 \\ Range: \\ \0 \\	\5	Mo. 146 CRAIG JOHANS	E.	

SL T16S R10E	US												
Contacts Name Lee M. Swasey Contacts Phone (435) 381-2523 Source Agency JOHANSEN & TUTTLE ENGINEERING Control Station Type Accuracy	US												
Contacts Phone (435) 381-2523 JOHANSEN & TUTTLE ENGINEERING 11/11/05 Control Station Type Accuracy													
Control Station Type Accuracy													
Type Accuracy													
Name ELIVIOFS 12 COR HARN TRI Other EMERY COUNTY Order	N - 12 - 17												
Name ELM GPS 12 COR HARN TRI Other EMERY COUNTY Order USGS Quad Name Datum State UTAH	10												
OI SEN DESERVOIR LITAH Ned27 Ned83 WGS94 Local County To The Ned 27 Ned 28													
Latitude Nad27 Nad83 (1994) WGS84 Local County EMERY													
	Т												
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Northing Easting													
6 9 4 7 5 8 7 . 6 3 1 1 8 5 2 2 5 7 . 0 6													
Units Survey Foot International Foot Meter Coordinate Type State Plane UTM													
Zone Utah North Utah Central Utah South Vertical Datum NGVD29 (NAVD88)													
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 PLANT	3												
Start Time AM PM End Time AM PM													
Antenna Height Session Beginning 1st M 2nd M 3rd M Ave 4.718 Feet M	4												
	1												
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 (RTK) FAST STATIC STATIC OTHER													
First Observation Station Name 4 4 9 5 0 0 D The state S 1/4 correct Sec. 10													
Station Name 4 4 0 5 0 0 Description S 1/4 corner Sec. 10	8												
Occupation time PDOP Best RMS Best													
Number of Measurements 60 PDOP Worst 1.6 RMS Worst 13.2													
Second Observation Station Name	11 3333 57												
(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													
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

ENIENTOC	JOINT LAND C	,onver mone	////L/11/11/LOC	,, (D
Date of field work:	11-11-05	Cou	nty Reference No. 16	10440500
Type of Monument:		n Corner Mark	Quarter Corner Other	
Your Description and 1969 BLM BRASS CA	Observation of Monume AP 6" ABOVE GROUN	ent Found (Be Specific っしたいとし	;) ;	
Description of Monum Location of this Point	ent, Reference Monume l: SET 4 #4 REB	nt or Accessories Estab SAR AS SHOWN BELC	olished by You to Per	petuate the
Sketch showing Relati Found or Set. Show	ive Location of Monume Supporting and/or Conti N71°23′19″W 37.98	nt Accessories and Two radictory Evidence when N 2°19'07"E 18.04	Reference Points St e Applicable. Include	ating Whether North Arrow.
TIBS RIDE 1/4 SID 1/4 SID SI5 1969 CAD SHAV BLAM	52°34'44'W RERRY 32.00		37'03"E 22.16 POND	7.
Certification:	20			
Firm name and/or S Address: 90 S.	urveyor: <u>Johansen</u> 100 E. Castle Dale	& Tuttle Eng. e, Utah 84513	Phone: (435)	381-2523
This is to certify that of my knowledge the Location Diagram: Section: \(\frac{5}{2} \) Township: \(\lambda \frac{5}{2} \) Range: \(\lambda \frac{5}{2} \)	I was in responsible charge information presented herein	6 1 N	DLANDSUM TO. 146602 PRAIG E. OHANSEN	it to the best

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_		_				3wa 81-2	_		,		-	Source Agency JOHANSEN & TUTTLE ENGINEERING										Date 11/17/05														
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2000	ipsoid Height 1711.15 M FT Geoid Height Base Receiver										_	-	141		-			50	/1.	, ,	- 1															
Type TRIMBLE Model 4000 SSI Serial Number											115		-	-																						
Logging Interval 5 SEC, Elevation Mask																	_		***	CD	OU	NII	מר	T A	NIE	-										
Logging Interval 5 SEC. Elevation Mask 13 PDOP Mask 6 Antenna Type L1/L2 w/GROUND PLANE																																				
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Occupation time PDOP Best RMS Best Number of Measurements PDOP Worst RMS Worst																																				
1 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Inverse Distance Between M1 and M2 FT Alternate Base Station Used Yes No																																			
Monument and Markings																																				
Type / Size																																				
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Size							_		e 2½					BLN	/1	+	Size	.:1							-	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

Date of field work: 11-17-05 County Reference No. 1610 400 440
Type of Monument: Section Corner Quarter Corner Bench Mark Other
Your Description and Observation of Monument Found (Be Specific): 1969 BLM BRASS CAP 8" ABOVE GROUND LEVEL WITH A STEEL FENCEPOST ALONGSIDE.
Description of Monument, Reference Monument or Accessories Established by You to Perpetuate the Location of this Point: SET 4 *4 REBAR AS SHOWN BELOW
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.
NII'02'48"E 21.76 NII'02
Certification: Z4.62
Firm name and/or Surveyor:Johansen & Tuttle Eng. Address:90 S. 100 E. Castle Dale, Utah 84513
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.
Location Diagram: Section: 16 Township: 16s Range: 10E

Project Name			Tow	nship		(2)	N S	Τ	Ran	ge	(2		E W	Π	I	Meridian						
SL T16S R10		T	Т	ı T	6	(2)	S	† 1	П	0	1	1	E	T	T			1	L	US		
(Meridian Township Rang		<u> </u>	L.	<u>' </u>	U	Comm	e Agen					L,	<u> </u>	I.			ate	1		0.5		
Contacts Name Lee M. Swasey Contacts Phone (435) 381-2523		1	IOF	IAN	SFN	& TU			GIN	JEFE	2 INI	3	11/10/05									
(433) 361-2323			-			Stati	1		O		div	_		_	711				_	===		
				CO	ilei o	Ту							Ac	curs	acv		-		-			
Name ELM GPS 12		COR								Order												
USGS Quad Name						Dat	-						State UTAH									
OLSEN RESERVOIR U	TAH	Nad27	Nad83 Nad83 WGS84 Local County EMERY								RY											
Lat							L	ong	itud	<u>e</u>												
N 3 9 - 2 3 - 2	2 8	1	2	7	w	1 1	0	-	4	5	-	0	1		5	8	6	1	0			
Nor	thing				_			Easting														
6 9 4 7 5 8 7 .	6 3	3 1 8 5 2 2								5	7		0	6								
Units Survey Foot																						
											NGV			_	VD8							
Ellipsoid Height 171	FT												FT									
Base Receiver																						
Type TRIMBLE	Model 4000 SSI Serial Nun							Num	ber	E 19												
Logging Interval 5 SEC. El	13		PD	OP M	[ask	6	An	tenn	а Тур	е	L	1/L2	2 w/	GR	OUI	ND	PLA	NE				
Start Time AM PM End Time AM PM Autenna Height												78										
Session Beginning 1st		M	2**		itenn	a rieigi	M	3"					M		Ave	4.	718	Fee	t M	[
Session End 1 st		M									M Ave M											
				Roy	er F	teceiv	er															
Type TRIMBLE		Model	_	800							rial)	Num	ber 4	125	311′	7118	}					
Approximate Distance From Base S	Station	Miles	A	ntenn	а Тур	ype 5800 INTERNAL Antenna Height 6.6 FT								FT								
				-		oserva	tion															
Observation Type (RTK)	FAST STATIC	S	TAT			THER servatio			2000										-	-		
Station Name 4 6 0 5 0	0 De	escript	ion I			ner Se	A 601 (00)	/ Se	c. 13	5			30 8		8 5	look kalo				00000		
(M1)	Pl	DOP B	est		NO EO 1001	9			-	RN	MS B	est										
Number of Measurements 60	PI	DOP W	orst	4,5		100 1000				RN	AS W	orst	7.7									
				Seco	nd O	bservat	ion															
Station Name (M2)	De	escript	ion																			
Occupation time	PI	DOP B	est							RN	AS B	est										
Number of Measurements PDOP Worst RMS Worst Inverse Distance Between M1 and M2 FT Alternate Base Station Used Yes No																						
Inverse Distance Between M1 and I	<u>/12</u>			F	_				on U	sed			Yes			lo.			_	-		
Monument and Markings																						
Stone	P	ipe/Cap	D		Гуре	/ Size		Po	ost				Oth	er		_						
Size	Size 2½/3½			BLM		Size			-	20 MAN TO 1			Size									
Material		Material						Material														

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

	20 B
Date of field work: 11-10-05	County Reference No. 1610460500
Type of Monument: Section Corner	Quarter Corner
Bench Mark	V Other 1/16 CORNER
Your Description and Observation of Monument Found (E 1969 BLM BRASS CAP 8" ABOVE GROUND LEVEL WI	
Description of Monument, Reference Monument or Accessor Location of this Point: SET 4 *4 REBAR AS SHOWN POST ALONG SIDE CAP.	pries Established by You to Perpetuate the BELOW, RE-PLANTED STEEL FENCE
Sketch showing Relative Location of Monument Accessories Found or Set. Show Supporting and/or Contradictory Evid N18°01'23"W 30.35	s and Two Reference Points Stating Whether ence where Applicable. Include North Arrow.
DEPT IN 571'57'15" W TINS RIDE 24.21 E'/16 \$10 CAD SURV BLM REBUR D \$17'30'20 18.72	
Certification:	
Firm name and/or Surveyor: Johansen & Tuttle Er	ng.
7,777 1101110 011-7 11	84513 Phone: (435) 381-2523
This is to certify that I was in responsible charge of the surveying of my knowledge the information presented herein is true and corr	work described in this record and that to the best ect.
	Carrier of ansen
Location Diagram: Section: 15 Township: 165 Range: 10E	No. 146602 CRAIG E. JOHANSEN
8	