

**Acknowledgment and  
Notice of Acknowledgment  
of Acceptance of R.S. 2477  
Right-of-Way Grant**

Ent 486427 Bk 731 Pg 106 --118  
Date: 27-MAY-2008 1:44PM  
Fee: None  
Filed By: PL  
MERLENE MOSHER DALTON, Recorder  
GRAND COUNTY CORPORATION  
For: STATE OF UTAH

**THE STATE OF UTAH**

**TO ALL WHOM THESE PRESENTS SHALL COME, Greeting:**

**Know ye,** This is an Acknowledgment and Notice of Acknowledgment made under Utah Code Sections 72-5-309 through 310 inclusive, that the grant of the United States of America of “the right of way for the construction of highways over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its political subdivision Grand County as it pertains to the highway located in Grand County known as MESA WELLS 5 ROAD; County Road Number: 00244; State Geographic Information Database (SGID) Road Identification Number: RD100122. Total road length is 6.66 miles more or less.

The reason for this Acknowledgment and Notice of Acknowledgment includes, but is not limited to, the fact that the road was constructed, mechanically, or by continuous use as a public highway for a period of at least ten years, over public lands not reserved for public uses, prior to the earlier of (a) the October 21, 1976 repeal of R.S. 2477 or (b) the date the servient estate was reserved for public uses.

This Acknowledgment and Notice of Acknowledgment applies only to the segments of the road that traverse land owned by the Bureau of Land Management, United States Department of the Interior, and does not apply to segments of the road that traverse land owned by any other person or entity. The State of Utah and its political subdivisions reserve the right to make further acknowledgments and notices of acknowledgment with regard to road segments that traverse land owned by other entities, including the United States of America, through one or more of its agencies.

A printed copy of a map showing the location of the road in said county is appended hereto as “Attachment 1,” a printed copy of representative photos of the road is appended hereto as “Attachment 2,” a printed copy of a description of the beginning and ending points of the entire road together with a list of Townships, Ranges and Sections that may be traversed by the road in said county is appended hereto as “Attachment 3,” and a printed copy of the Road Centerline Description Cover Page(s) is appended hereto as “Attachment 4.” The Appendices listed in “Attachment 4” that contain the actual road centerline descriptions are incorporated herein by reference. Affidavits provided by individuals familiar with the road are appended hereto as “Attachment 5.”

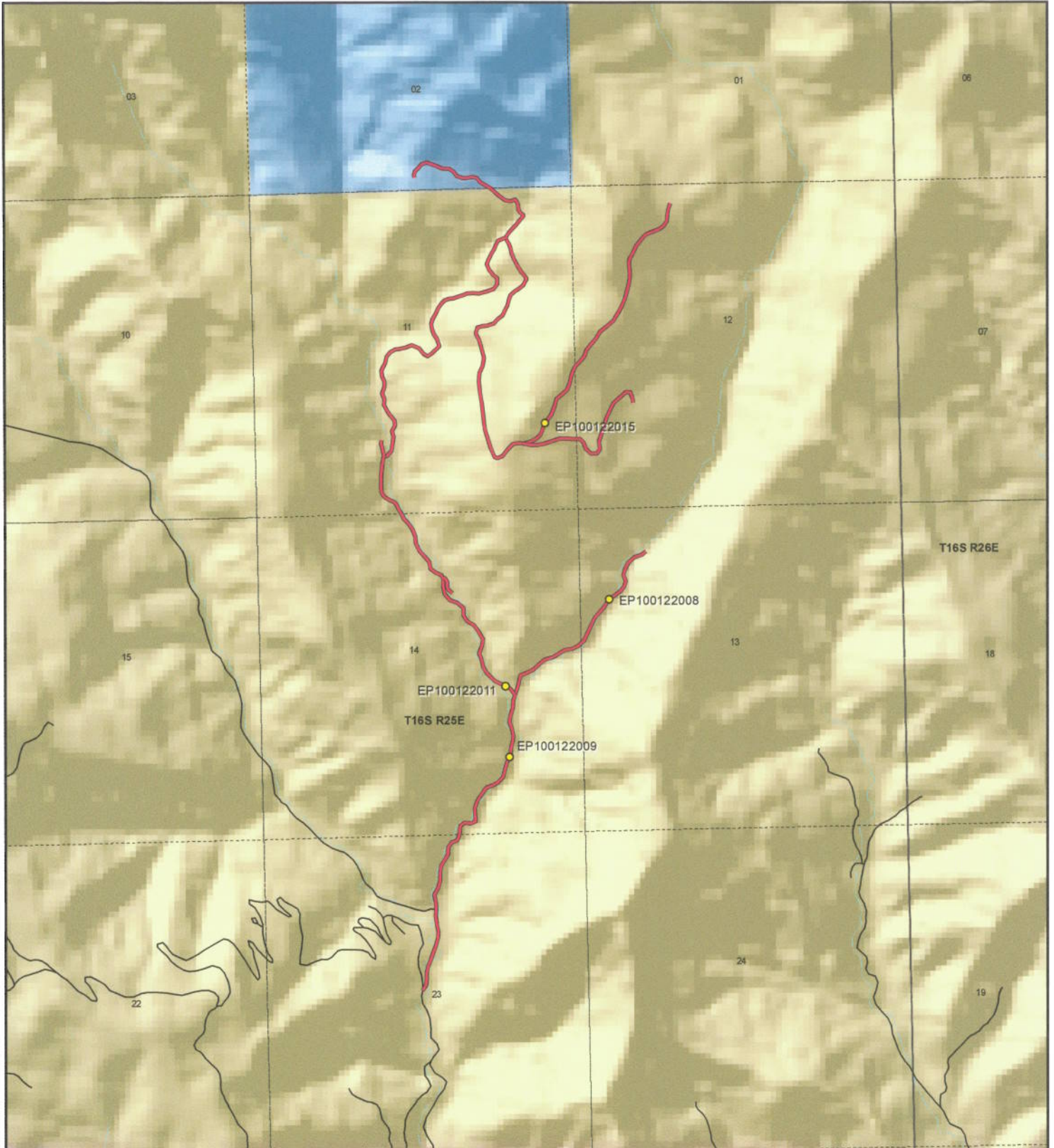
A printed copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or obtained at the office of the Utah State Archives.





An electronic copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or downloaded as read-only PDF (Portable Document Format) files via the





Attachment 1



 <p>1:25,633 1 inch equals 0.4 miles</p>		<p style="text-align: center;"><b>Mesa Wells 5 Road - Grand County</b> <b>SGID RD_ID RD100122</b></p> <table border="0"> <tr> <td colspan="2"><b>Land Ownership Categories</b></td> <td colspan="2"><b>Transportation Network</b></td> </tr> <tr> <td> BLM</td> <td> Wilderness</td> <td> Mesa Wells 5 Road</td> <td> Title V: Issued Or Under Consideration By BLM Or County</td> </tr> <tr> <td> Private</td> <td> UDWR Wildlife Reserve</td> <td> Other Roads</td> <td> Photo Event Point</td> </tr> <tr> <td> SITLA, State Trust Land</td> <td> DOD, Military</td> <td> Section = 1 Mile</td> <td></td> </tr> <tr> <td> USFS, National Forest</td> <td> State Sovereign Land</td> <td></td> <td></td> </tr> <tr> <td> State Parks and Recreation</td> <td> National Recreation Area</td> <td></td> <td></td> </tr> <tr> <td> Tribal, Indian Reservation</td> <td> USFWS, Natl. Wildlife Refuge</td> <td></td> <td></td> </tr> <tr> <td> NPS, National Park</td> <td></td> <td></td> <td></td> </tr> </table>	<b>Land Ownership Categories</b>		<b>Transportation Network</b>		BLM	Wilderness	Mesa Wells 5 Road	Title V: Issued Or Under Consideration By BLM Or County	Private	UDWR Wildlife Reserve	Other Roads	Photo Event Point	SITLA, State Trust Land	DOD, Military	Section = 1 Mile		USFS, National Forest	State Sovereign Land			State Parks and Recreation	National Recreation Area			Tribal, Indian Reservation	USFWS, Natl. Wildlife Refuge			NPS, National Park				<p>Map prepared by the State of Utah Automated Geographic Reference Center Room 5130 State Office Building Salt Lake City, Utah 84114 Apr 10, 2008</p>  
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NPS, National Park																																			



Attachment 2



EP100122008



EP100122009



EP100122011



EP100122015

EP000000000

EP000000000

Ent 486427 Bk 0731 Pg 0109

Mesa Wells 5 Road - Grand County  
SGID RD\_ID RD100122

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
April 14, 2008



## Attachment 3

### Beginning & Ending Points and Township, Range, and Section References For:

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Total Road Length: 6.66 miles more or less.**

**Beginning at a point** on the road centerline located at 39 degrees 24 minutes 06.02 seconds North Latitude and -109 degrees 07 minutes 31.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,324.4 feet and Y = 6,959,699.3 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 39 degrees 25 minutes 16.32 seconds North Latitude and -109 degrees 06 minutes 42.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,314,956.8 feet and Y = 6,966,910.3 feet based on the US Survey Foot conversion.

This road may traverse:

Township 16 South Range 25 East, Section(s) 2,11,12,13,14,23, Salt Lake Base & Meridian  
See Attachment 1 above for a cartographic depiction of the course of this road.

**Attachment 4**  
**Road Centerline Description Cover Page(s)**

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Total Road Length: 6.66 miles more or less.**

**Centerline Descriptions Of Road-Segments That Cross Over Federally Owned Land, Derived From Global Positioning System Data And Cross-checked against USGS Digital Orthophoto Quadrangles Compiled By The Utah Automated Geographic Reference Center And Entered Into The State Geographic Information Database (SGID).**

<b>Road-Segments Listed by SGID Road Identification Number (RD_ID)</b>	<b>Road-Segment Numbers</b>	<b>Believed Ownership Of Servient Estate</b>	<b>Approximate Segment Length</b>	<b>See Attached Appendix</b>
RD100122	001	BLM	1.04 Miles	A
RD100122	002	BLM	0.47 Miles	B
RD100122	003	BLM	0.06 Miles	C
RD100122	004	BLM	0.45 Miles	D
RD100122	005	BLM	1.06 Miles	E
RD100122	006	BLM	0.9 Miles	F
RD100122	007	BLM	0.53 Miles	G
RD100122	008	BLM	0.92 Miles	H
RD100122	009	BLM	0.23 Miles	I
RD100122	010	ST	0.3 Miles	(not shown)
RD100122	011	BLM	0.05 Miles	J
RD100122	012	BLM	0.65 Miles	K
		<b>Total Road Length</b>	<b>6.66</b>	

\* Indicates that a Title V permit will be requested, is in process, or has been issued.

† Indicates that road-segments crossing Forest Service land are under consideration by the state and county as of the date of this Acknowledgment and Notice of Acknowledgment.

## **Attachment 5**



**AFFIDAVIT OF CHARLES E. ROBERTS**

**MESA WELLS 5 ROAD**

**GRAND COUNTY, UTAH**

**ROAD NUMBER 00244**

State of Colorado            )  
  : ss.  
County of Mesa                )

CHARLES E. ROBERTS, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I currently reside in Mack, Mesa County, Colorado. I have lived in Mesa County since 1948. I have worked and hunted in the Book Cliff area of Eastern Gand County, Utah since 1948.

2. I have traveled and am familiar with a road in Grand County known as Mesa Wells 5 Road. I am also familiar with the land the road traverses. When I first used and observed the road in the late 1950s it followed the same route as in 2007 when I last observed it. Attached is a Grand County map showing Mesa Wells 5 Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

3. I am informed that Gand County also identifies this road according to the road number listed above.

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the late 1950s and continuing through the 2007. Throughout this time period I observed travel on the road by means of cars, mountain bikes, jeeps, pickup trucks and ATVs. During this time period, the road was used daily for more than ten continuous years prior to 1976 and was used daily in 2007.



5. Throughout the time period from the late 1950s to 2007, I used the road myself for hunting, oil field work sightseeing and recreation.

6. Throughout the time period described in the previous paragraph, I have observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph plus, livestock operations, rock hounding, wood gathering, oil and gas exploration and development and sightseeing.

7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

8. Prior to 1976, I observed the graded surface of the road and evidence of maintenance and construction such as windrows along the side of the road.

DATED this 7 day of September, 2007.

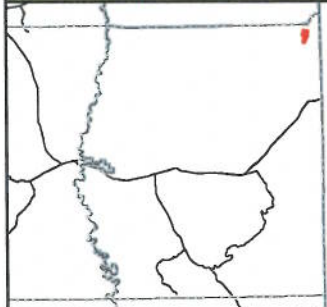
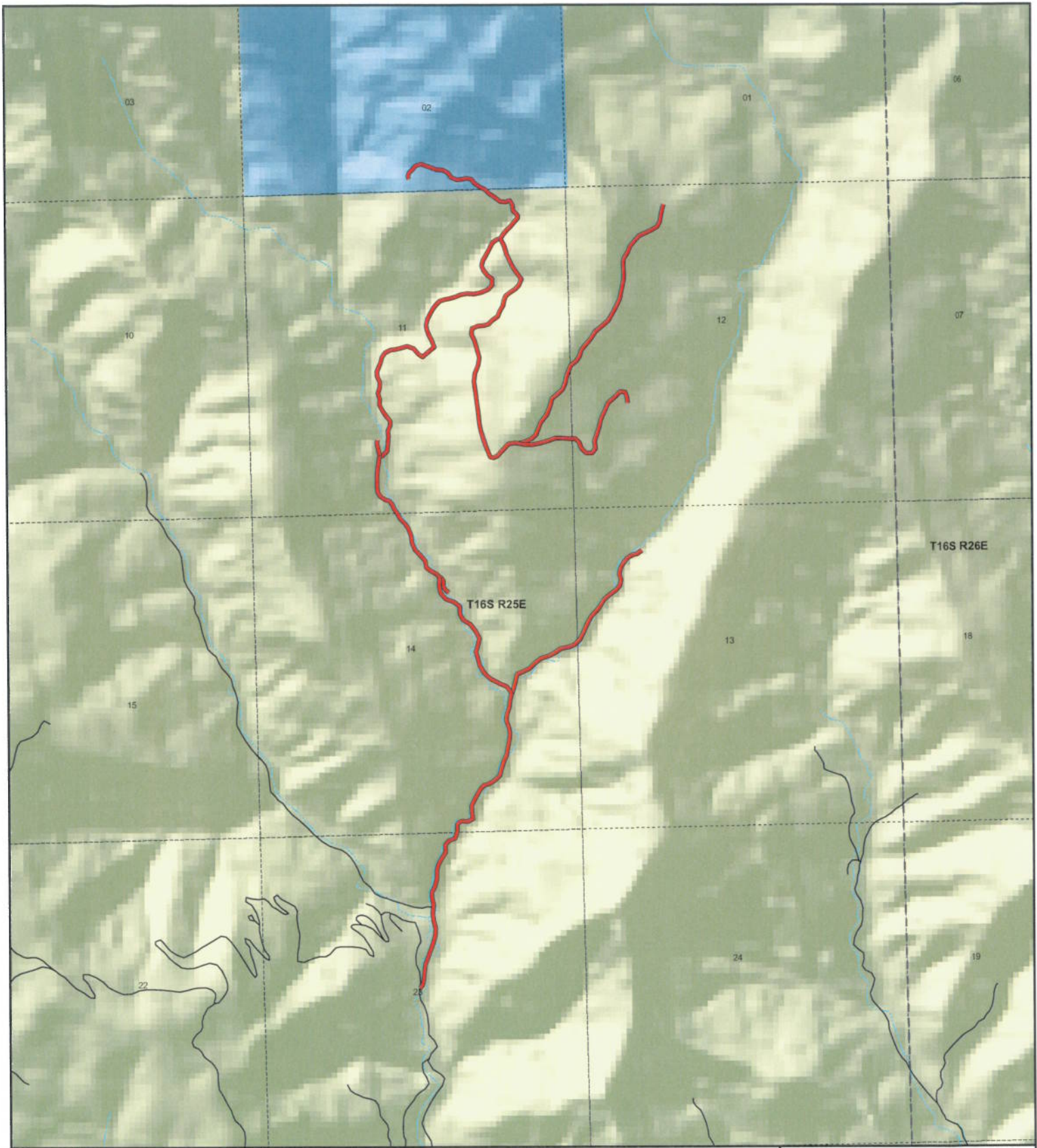
  
CHARLES E. ROBERTS

SUBSCRIBED AND SWORN to before me this 7<sup>th</sup> day of September, 2007.

  
\_\_\_\_\_  
NOTARY PUBLIC

My commission expires: 11/27/2011





**Mesa Wells 5**  
**County Unique - 00244**

**Land Ownership Categories**

- BLM
- US Forest Service
- Private
- State Lands
- National Parks (NPS)
- Wilderness
- National Recreation Area
- State Parks
- State Sovereign Land
- Tribal Lands
- Military
- Wildlife Reserve

**Transportation Network**

- Mesa Wells 5
- State / U.S. Highway
- Local Roads

**Misc**

- City / Town
- Municipalities
- Section = 1 Mile



1:25,222  
 1 inch equals 0.4 miles



Map prepared by the State of Utah  
 AGRC  
 Room 5110 State Office Building  
 Salt Lake City, Utah 84114  
 Jul 25, 2007





**AFFIDAVIT OF WILLIAM H. BUNIGER III**

**MESA WELLS 5 ROAD**

**GRAND COUNTY, UTAH**

**ROAD NUMBER 00244**

State of Colorado            )  
  : ss.  
County of Mesa                )

WILLIAM H. BUNIGER III, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I currently reside in Loma, Mesa County, Colorado. I have lived in Mesa County for 62 years. I have worked and hunted in the Book Cliff area of Eastern Gand County, Utah for at least 50 years.

2. I have traveled and am familiar with a road in Grand County known as Mesa Wells 5 Road. I am also familiar with the land the road traverses. When I first used and observed the road in the early 1960s it followed the same route as in 2007 when I last observed it. Attached is a Grand County map showing Mesa Wells 5 Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

3. I am informed that Gand County also identifies this road according to the road number listed above.

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1960s and continuing through 2007. Throughout this time period I observed travel on the road by means of cars, mountain bikes, jeeps, pickup trucks and ATVs. During this time period, the road was used daily for more than ten continuous years prior to 1976 and was used daily in 2007.



5. Throughout the time period from the early 1960s to 2007, I used the road myself for oil field work and recreation.

6. Throughout the time period described in the previous paragraph, I have observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph plus, livestock operations, rock hounding, wood gathering, oil and gas exploration and development and sightseeing.

7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

8. Prior to 1976, I observed the graded surface of the road and evidence of maintenance and construction such as windrows along the side of the road.

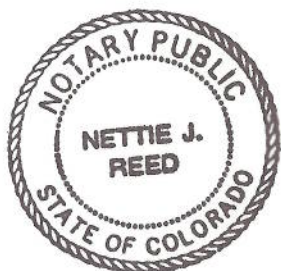
DATED this 7 day of September, 2007.

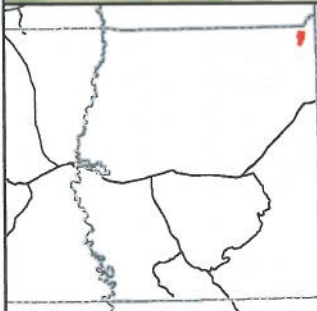
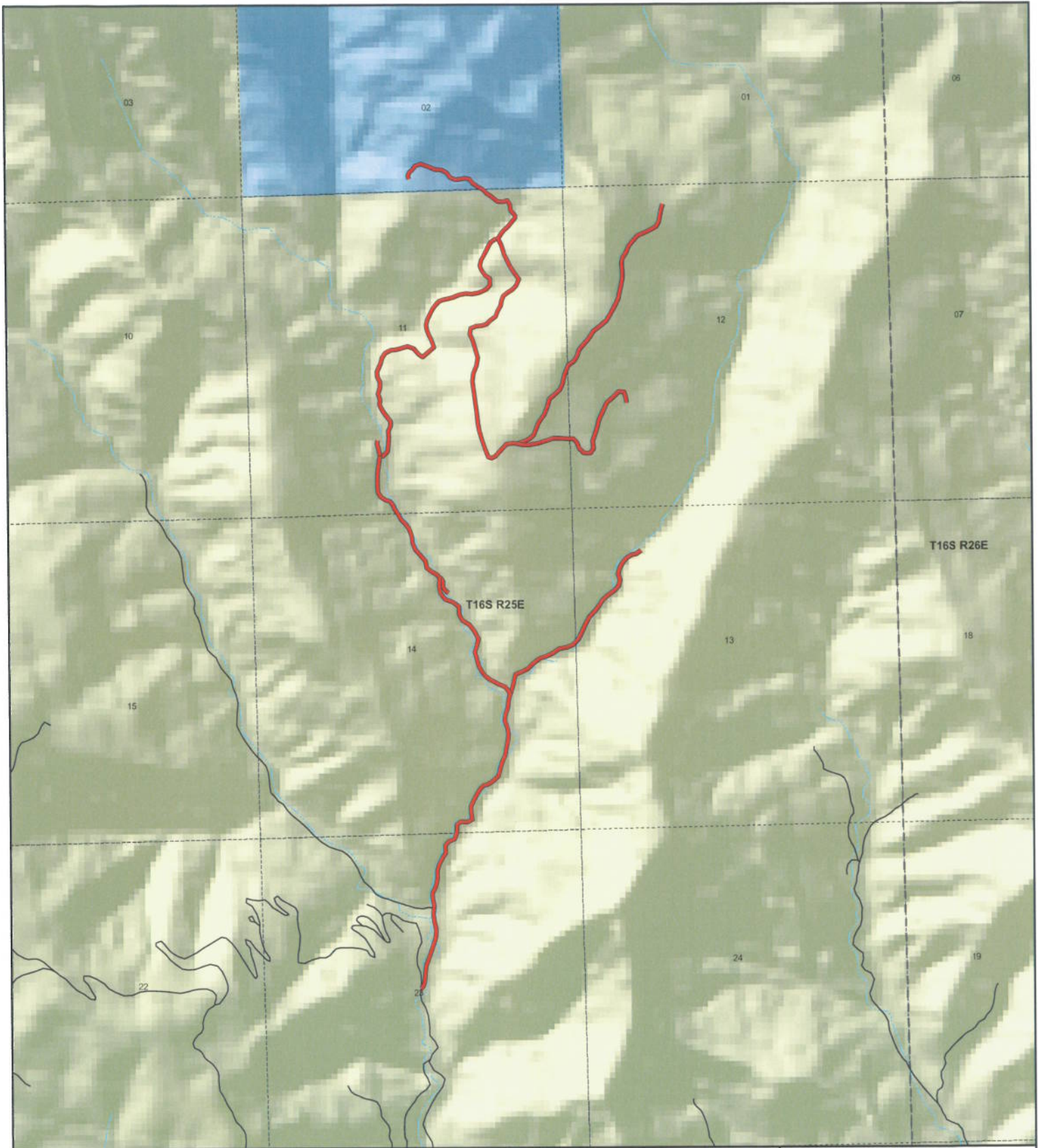
William H. Buniger III  
WILLIAM H. BUNIGER III

SUBSCRIBED AND SWORN to before me this 7<sup>th</sup> day of September, 2007.

Nettie J. Reed  
NOTARY PUBLIC

My commission expires: 1/27/2011





**Mesa Wells 5  
County Unique - 00244**

**Land Ownership Categories**

- ◆ BLM
- ◆ US Forest Service
- ◆ Private
- ◆ State Lands
- ◆ National Parks (NPS)
- ◆ Wilderness
- ◆ National Recreation Area
- ◆ State Parks
- ◆ State Sovereign Land
- ◆ Tribal Lands
- ◆ Military
- ◆ Wildlife Reserve

**Transportation Network**

- Mesa Wells 5
- State / U.S. Highway
- Local Roads

**Misc**

- City / Town
- Municipalities
- Section = 1 Mile



1:25,222  
1 inch equals 0.4 miles



Map prepared by the State of Utah  
AGRC  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
July 25, 2007





## Appendix A to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 001**

**Road-Segment Length: 1.04 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 14,23, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 001 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 24 minutes 06.02 seconds North Latitude and -109 degrees 07 minutes 31.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,324.4 feet and Y = 6,959,699.3 feet; thence the following courses along the said road center line:

thence North 40 Degrees 41 Minutes 32 Seconds East	52.2 feet
thence North 23 Degrees 53 Minutes 48 Seconds East	72 feet
thence North 01 Degrees 40 Minutes 42 Seconds East	93.6 feet
thence North 02 Degrees 40 Minutes 54 Seconds East	93.6 feet
thence North 10 Degrees 37 Minutes 46 Seconds East	100.3 feet
thence North 21 Degrees 35 Minutes 05 Seconds East	122 feet
thence North 19 Degrees 22 Minutes 37 Seconds East	116.7 feet
thence North 19 Degrees 03 Minutes 40 Seconds East	113 feet
thence North 14 Degrees 58 Minutes 28 Seconds East	134.4 feet
thence North 05 Degrees 24 Minutes 40 Seconds East	118.7 feet
thence North 13 Degrees 23 Minutes 01 Seconds West	128 feet



thence North 09 Degrees 07 Minutes 39 Seconds West 132.8 feet  
 thence North 06 Degrees 02 Minutes 41 Seconds East 75.9 feet  
 thence North 06 Degrees 06 Minutes 38 Seconds East 51.2 feet  
 thence North 08 Degrees 48 Minutes 43 Seconds West 112.8 feet  
 thence North 07 Degrees 20 Minutes 24 Seconds West 100.8 feet  
 thence North 26 Degrees 52 Minutes 51 Seconds East 114.4 feet  
 thence North 15 Degrees 15 Minutes 24 Seconds East 132.8 feet  
 thence North 00 Degrees 19 Minutes 50 Seconds West 136.2 feet  
 thence North 12 Degrees 15 Minutes 31 Seconds East 110.9 feet  
 thence North 31 Degrees 02 Minutes 42 Seconds East 109.5 feet  
 thence North 30 Degrees 36 Minutes 15 Seconds East 112.8 feet  
 thence North 03 Degrees 18 Minutes 15 Seconds West 118.3 feet  
 thence North 39 Degrees 15 Minutes 13 Seconds East 93.7 feet  
 thence North 70 Degrees 01 Minutes 16 Seconds East 107.3 feet  
 thence North 17 Degrees 34 Minutes 34 Seconds East 101.4 feet  
 thence North 17 Degrees 34 Minutes 50 Seconds East 19.3 feet  
 thence North 00 Degrees 59 Minutes 44 Seconds East 124.7 feet  
 thence North 55 Degrees 21 Minutes 41 Seconds East 84.4 feet  
 thence South 85 Degrees 58 Minutes 24 Seconds East 108 feet  
 thence North 64 Degrees 02 Minutes 38 Seconds East 94.8 feet  
 thence North 09 Degrees 18 Minutes 12 Seconds West 94.7 feet  
 thence North 05 Degrees 56 Minutes 38 Seconds West 115.4 feet  
 thence North 22 Degrees 25 Minutes 12 Seconds East 110.3 feet  
 thence North 28 Degrees 42 Minutes 58 Seconds East 97.6 feet  
 thence North 31 Degrees 03 Minutes 08 Seconds East 80.7 feet  
 thence North 36 Degrees 50 Minutes 09 Seconds East 65.9 feet  
 thence North 43 Degrees 22 Minutes 50 Seconds East 45.4 feet  
 thence North 71 Degrees 31 Minutes 34 Seconds East 89.6 feet  
 thence North 61 Degrees 03 Minutes 31 Seconds East 102.8 feet  
 thence North 46 Degrees 28 Minutes 19 Seconds East 124.6 feet  
 thence North 13 Degrees 52 Minutes 32 Seconds East 128.6 feet  
 thence North 16 Degrees 17 Minutes 03 Seconds East 128.4 feet  
 thence North 25 Degrees 37 Minutes 50 Seconds East 105.8 feet  
 thence North 04 Degrees 48 Minutes 43 Seconds East 52.7 feet  
 thence North 10 Degrees 46 Minutes 56 Seconds East 93.6 feet  
 thence North 11 Degrees 34 Minutes 49 Seconds East 107.3 feet  
 thence North 03 Degrees 14 Minutes 44 Seconds East 105.2 feet  
 thence North 12 Degrees 03 Minutes 11 Seconds West 93.8 feet  
 thence North 19 Degrees 03 Minutes 16 Seconds West 131.6 feet  
 thence North 08 Degrees 57 Minutes 56 Seconds East 108 feet  
 thence North 18 Degrees 14 Minutes 18 Seconds East 110.8 feet  
 thence North 06 Degrees 15 Minutes 39 Seconds East 133.8 feet  
 thence North 15 Degrees 48 Minutes 37 Seconds East 87.1 feet more or less to **the ending**

**point at:** 39 degrees 24 minutes 053.4 seconds North Latitude and -109 degrees 07 minutes 010.9 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,818.4 feet and Y = 6,964,534.1 feet.

## Appendix B to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 002**

**Road-Segment Length: 0.47 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 002 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 24 minutes 053.4 seconds North Latitude and -109 degrees 07 minutes 010.9 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,818.4 feet and Y = 6,964,534.1 feet; thence the following courses along the said road center line:

thence North 23 Degrees 29 Minutes 20 Seconds West 55.3 feet  
thence North 41 Degrees 18 Minutes 17 Seconds West 86.9 feet  
thence North 64 Degrees 21 Minutes 17 Seconds West 89.9 feet  
thence North 63 Degrees 45 Minutes 56 Seconds West 25.7 feet  
thence North 61 Degrees 15 Minutes 09 Seconds West 77.6 feet  
thence North 64 Degrees 22 Minutes 47 Seconds West 86.2 feet  
thence North 53 Degrees 45 Minutes 03 Seconds West 88.1 feet  
thence North 42 Degrees 10 Minutes 54 Seconds West 92.5 feet  
thence North 30 Degrees 49 Minutes 57 Seconds West 125.7 feet  
thence North 13 Degrees 22 Minutes 39 Seconds West 126.3 feet  
thence North 18 Degrees 21 Minutes 41 Seconds West 100.1 feet



thence North 16 Degrees 34 Minutes 07 Seconds East 108 feet  
thence North 12 Degrees 24 Minutes 58 Seconds East 124.5 feet  
thence North 27 Degrees 53 Minutes 46 Seconds West 146.2 feet  
thence North 37 Degrees 52 Minutes 42 Seconds West 138.6 feet  
thence North 57 Degrees 54 Minutes 51 Seconds West 128.5 feet  
thence North 30 Degrees 31 Minutes 05 Seconds West 110.1 feet  
thence North 01 Degrees 35 Minutes 04 Seconds West 121.4 feet  
thence North 52 Degrees 47 Minutes 56 Seconds West 123.9 feet  
thence North 69 Degrees 51 Minutes 48 Seconds West 140.7 feet  
thence North 41 Degrees 14 Minutes 41 Seconds West 130.2 feet  
thence North 08 Degrees 57 Minutes 26 Seconds West 116.1 feet  
thence North 00 Degrees 14 Minutes 56 Seconds East 142.7 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 12.62 seconds North Latitude and -109 degrees 07 minutes 25.35 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,632.6 feet and Y = 6,966,448.2 feet.



## Appendix C to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 003**

**Road-Segment Length: 0.06 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 003 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 12.62 seconds North Latitude and -109 degrees 07 minutes 25.35 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,632.6 feet and Y = 6,966,448.2 feet; thence the following courses along the said road center line:

thence South 86 Degrees 51 Minutes 44 Seconds East 27.1 feet

thence South 38 Degrees 27 Minutes 44 Seconds East 66.7 feet

thence South 00 Degrees 56 Minutes 08 Seconds West 93.5 feet

thence South 29 Degrees 36 Minutes 20 Seconds East 62.1 feet

thence South 48 Degrees 28 Minutes 45 Seconds East 68.8 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 10.15 seconds North Latitude and -109 degrees 07 minutes 23.54 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,781.9 feet and Y = 6,966,201.4 feet.

## Appendix D to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 004**

**Road-Segment Length: 0.45 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11,14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 004 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 12.62 seconds North Latitude and -109 degrees 07 minutes 25.35 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,632.6 feet and Y = 6,966,448.2 feet; thence the following courses along the said road center line:

thence North 34 Degrees 01 Minutes 14 Seconds West 59.1 feet  
thence North 62 Degrees 24 Minutes 38 Seconds West 108.6 feet  
thence North 51 Degrees 28 Minutes 06 Seconds West 104.6 feet  
thence North 09 Degrees 12 Minutes 40 Seconds West 106.3 feet  
thence North 39 Degrees 36 Minutes 36 Seconds West 120.8 feet  
thence North 43 Degrees 46 Minutes 29 Seconds West 133.3 feet  
thence North 24 Degrees 49 Minutes 43 Seconds West 117.2 feet  
thence North 05 Degrees 23 Minutes 54 Seconds West 125.2 feet  
thence North 22 Degrees 47 Minutes 14 Seconds West 127.8 feet  
thence North 34 Degrees 19 Minutes 25 Seconds West 104.9 feet  
thence North 45 Degrees 30 Minutes 11 Seconds West 100.1 feet



thence North 24 Degrees 50 Minutes 23 Seconds West 97.4 feet  
thence North 35 Degrees 22 Minutes 20 Seconds West 3.1 feet  
thence North 35 Degrees 25 Minutes 53 Seconds West 55.1 feet  
thence North 37 Degrees 25 Minutes 10 Seconds West 41.1 feet  
thence North 19 Degrees 43 Minutes 40 Seconds West 66.1 feet  
thence North 39 Degrees 11 Minutes 01 Seconds West 75.8 feet  
thence North 70 Degrees 09 Minutes 57 Seconds West 90.4 feet  
thence North 53 Degrees 40 Minutes 27 Seconds West 87.9 feet  
thence North 31 Degrees 57 Minutes 48 Seconds West 77.1 feet  
thence North 07 Degrees 35 Minutes 37 Seconds West 84.3 feet  
thence North 02 Degrees 03 Minutes 51 Seconds West 60.7 feet  
thence North 01 Degrees 59 Minutes 38 Seconds East 55.8 feet  
thence North 02 Degrees 35 Minutes 02 Seconds East 72.3 feet  
thence North 01 Degrees 56 Minutes 20 Seconds East 88.7 feet  
thence North 07 Degrees 32 Minutes 13 Seconds East 109.3 feet  
thence North 09 Degrees 45 Minutes 07 Seconds East 106.6 feet  
thence North 11 Degrees 20 Minutes 47 Seconds East 15.1 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 32.55 seconds North Latitude and -109 degrees 07 minutes 037.1 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,657.9 feet and Y = 6,968,439.0 feet.

## Appendix E to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 005**

**Road-Segment Length: 1.06 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 005 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 32.55 seconds North Latitude and -109 degrees 07 minutes 037.1 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,657.9 feet and Y = 6,968,439.0 feet; thence the following courses along the said road center line:

thence North 77 Degrees 19 Minutes 50 Seconds East 53.7 feet  
thence North 42 Degrees 54 Minutes 39 Seconds East 108.1 feet  
thence North 06 Degrees 41 Minutes 26 Seconds East 125.6 feet  
thence North 04 Degrees 57 Minutes 08 Seconds East 113.7 feet  
thence North 08 Degrees 57 Minutes 40 Seconds West 92.9 feet  
thence North 25 Degrees 22 Minutes 46 Seconds East 98.3 feet  
thence North 02 Degrees 37 Minutes 15 Seconds West 77.2 feet  
thence North 39 Degrees 27 Minutes 45 Seconds West 99.4 feet  
thence North 33 Degrees 35 Minutes 04 Seconds West 119.7 feet  
thence North 30 Degrees 37 Minutes 30 Seconds West 98.8 feet  
thence North 07 Degrees 02 Minutes 15 Seconds East 95.9 feet



thence North 20 Degrees 46 Minutes 25 Seconds West 101.5 feet  
 thence North 17 Degrees 20 Minutes 42 Seconds East 103.3 feet  
 thence North 01 Degrees 56 Minutes 28 Seconds East 98.5 feet  
 thence North 27 Degrees 52 Minutes 59 Seconds West 85.1 feet  
 thence North 05 Degrees 18 Minutes 43 Seconds West 87.3 feet  
 thence North 21 Degrees 42 Minutes 25 Seconds East 81.4 feet  
 thence North 25 Degrees 41 Minutes 57 Seconds East 78.5 feet  
 thence North 14 Degrees 44 Minutes 17 Seconds East 88.3 feet  
 thence North 33 Degrees 13 Minutes 28 Seconds East 96.5 feet  
 thence North 61 Degrees 19 Minutes 00 Seconds East 100.2 feet  
 thence North 83 Degrees 43 Minutes 22 Seconds East 79.2 feet  
 thence North 76 Degrees 36 Minutes 01 Seconds East 94.3 feet  
 thence North 70 Degrees 47 Minutes 42 Seconds East 101.4 feet  
 thence South 68 Degrees 02 Minutes 40 Seconds East 116.8 feet  
 thence South 40 Degrees 36 Minutes 57 Seconds East 118.3 feet  
 thence South 57 Degrees 08 Minutes 55 Seconds East 77.9 feet  
 thence North 54 Degrees 08 Minutes 43 Seconds East 81.9 feet  
 thence North 47 Degrees 56 Minutes 46 Seconds East 170.1 feet  
 thence North 20 Degrees 22 Minutes 31 Seconds West 64.6 feet  
 thence North 20 Degrees 37 Minutes 26 Seconds West 82.2 feet  
 thence North 28 Degrees 48 Minutes 44 Seconds West 87.7 feet  
 thence North 21 Degrees 15 Minutes 34 Seconds West 86.1 feet  
 thence North 06 Degrees 51 Minutes 37 Seconds West 77.6 feet  
 thence North 15 Degrees 22 Minutes 23 Seconds East 88.6 feet  
 thence North 28 Degrees 38 Minutes 14 Seconds East 105 feet  
 thence North 26 Degrees 00 Minutes 51 Seconds East 91.5 feet  
 thence North 38 Degrees 07 Minutes 45 Seconds East 88 feet  
 thence North 42 Degrees 15 Minutes 56 Seconds East 75.8 feet  
 thence North 70 Degrees 29 Minutes 19 Seconds East 74.9 feet  
 thence North 83 Degrees 47 Minutes 53 Seconds East 80.2 feet  
 thence North 73 Degrees 01 Minutes 10 Seconds East 91.6 feet  
 thence North 66 Degrees 24 Minutes 21 Seconds East 41.5 feet  
 thence North 68 Degrees 35 Minutes 43 Seconds East 18.2 feet  
 thence North 68 Degrees 56 Minutes 39 Seconds East 64.9 feet  
 thence North 80 Degrees 18 Minutes 09 Seconds East 100.8 feet  
 thence South 86 Degrees 06 Minutes 04 Seconds East 111.2 feet  
 thence North 77 Degrees 21 Minutes 48 Seconds East 115.4 feet  
 thence North 67 Degrees 18 Minutes 34 Seconds East 133.7 feet  
 thence North 39 Degrees 01 Minutes 17 Seconds East 91.2 feet  
 thence North 01 Degrees 18 Minutes 05 Seconds East 108.3 feet  
 thence North 57 Degrees 07 Minutes 07 Seconds West 95.8 feet  
 thence North 35 Degrees 31 Minutes 17 Seconds West 100.4 feet  
 thence North 20 Degrees 21 Minutes 23 Seconds West 85.6 feet  
 thence North 13 Degrees 11 Minutes 09 Seconds East 89.4 feet  
 thence North 30 Degrees 01 Minutes 58 Seconds East 91.3 feet  
 thence North 30 Degrees 00 Minutes 21 Seconds East 95 feet  
 thence North 22 Degrees 10 Minutes 03 Seconds East 85.2 feet  
 thence North 31 Degrees 40 Minutes 10 Seconds East 71.6 feet  
 thence North 61 Degrees 22 Minutes 56 Seconds East 76.2 feet

thence North 67 Degrees 30 Minutes 05 Seconds East 60.9 feet more or less to **the ending point at:** 39 degrees 26 minutes 07.59 seconds North Latitude and -109 degrees 07 minutes 010.7 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,634.4 feet and Y = 6,972,038.1 feet.



## Appendix F to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 006**

**Road-Segment Length: 0.9 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 006 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 26 minutes 07.59 seconds North Latitude and -109 degrees 07 minutes 010.7 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,634.4 feet and Y = 6,972,038.1 feet; thence the following courses along the said road center line:

thence South 16 Degrees 28 Minutes 28 Seconds East	32.4 feet
thence South 26 Degrees 00 Minutes 45 Seconds East	81.9 feet
thence South 23 Degrees 35 Minutes 09 Seconds East	73.2 feet
thence South 16 Degrees 12 Minutes 04 Seconds East	87 feet
thence South 21 Degrees 29 Minutes 29 Seconds East	109.1 feet
thence South 27 Degrees 59 Minutes 33 Seconds East	124.1 feet
thence South 35 Degrees 01 Minutes 21 Seconds East	133.7 feet
thence South 35 Degrees 16 Minutes 59 Seconds East	118.1 feet
thence South 23 Degrees 10 Minutes 43 Seconds West	100.2 feet
thence South 33 Degrees 43 Minutes 42 Seconds West	9.9 feet
thence South 44 Degrees 51 Minutes 54 Seconds West	88.5 feet

thence South 57 Degrees 19 Minutes 46 Seconds West 101.2 feet  
thence South 47 Degrees 57 Minutes 06 Seconds West 88.7 feet  
thence South 23 Degrees 25 Minutes 09 Seconds West 78.9 feet  
thence South 08 Degrees 21 Minutes 59 Seconds West 89.6 feet  
thence South 32 Degrees 15 Minutes 27 Seconds West 101.2 feet  
thence South 20 Degrees 13 Minutes 50 Seconds West 92.9 feet  
thence South 53 Degrees 26 Minutes 04 Seconds West 97.1 feet  
thence South 44 Degrees 49 Minutes 58 Seconds West 97.7 feet  
thence South 72 Degrees 20 Minutes 44 Seconds West 93.7 feet  
thence South 83 Degrees 33 Minutes 15 Seconds West 92.4 feet  
thence South 67 Degrees 35 Minutes 11 Seconds West 91.6 feet  
thence South 12 Degrees 10 Minutes 16 Seconds West 97.5 feet  
thence South 25 Degrees 01 Minutes 57 Seconds East 124.6 feet  
thence South 17 Degrees 59 Minutes 55 Seconds East 141.2 feet  
thence South 13 Degrees 58 Minutes 04 Seconds East 141.8 feet  
thence South 09 Degrees 24 Minutes 54 Seconds West 133.2 feet  
thence South 21 Degrees 30 Minutes 32 Seconds West 137.8 feet  
thence South 05 Degrees 55 Minutes 59 Seconds West 135.3 feet  
thence South 08 Degrees 21 Minutes 17 Seconds East 169 feet  
thence South 07 Degrees 46 Minutes 24 Seconds East 180.3 feet  
thence South 08 Degrees 04 Minutes 14 Seconds East 170.5 feet  
thence South 06 Degrees 45 Minutes 17 Seconds East 165.1 feet  
thence South 08 Degrees 49 Minutes 28 Seconds East 127.7 feet  
thence South 15 Degrees 05 Minutes 54 Seconds East 140.8 feet  
thence South 20 Degrees 14 Minutes 00 Seconds East 186.7 feet  
thence South 24 Degrees 25 Minutes 57 Seconds East 136.6 feet  
thence South 67 Degrees 56 Minutes 03 Seconds East 51.7 feet  
thence North 64 Degrees 08 Minutes 33 Seconds East 76.1 feet  
thence North 41 Degrees 35 Minutes 02 Seconds East 134.5 feet  
thence North 43 Degrees 55 Minutes 08 Seconds East 132.8 feet  
thence North 81 Degrees 50 Minutes 30 Seconds East 120.4 feet  
thence South 82 Degrees 44 Minutes 08 Seconds East 49.6 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 34.14 seconds North Latitude and -109 degrees 07 minutes 08.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,934.2 feet and Y = 6,968,660.5 feet.



## Appendix G to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 007**

**Road-Segment Length: 0.53 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11,12, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 007 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 34.14 seconds North Latitude and -109 degrees 07 minutes 08.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,934.2 feet and Y = 6,968,660.5 feet; thence the following courses along the said road center line:

thence South 83 Degrees 43 Minutes 14 Seconds East	28.5 feet
thence South 77 Degrees 11 Minutes 24 Seconds East	79.4 feet
thence North 87 Degrees 57 Minutes 24 Seconds East	109.8 feet
thence North 86 Degrees 29 Minutes 23 Seconds East	29.6 feet
thence North 81 Degrees 05 Minutes 07 Seconds East	98.9 feet
thence North 70 Degrees 29 Minutes 26 Seconds East	159.8 feet
thence North 70 Degrees 25 Minutes 28 Seconds East	114.5 feet
thence South 87 Degrees 49 Minutes 37 Seconds East	112.7 feet
thence South 88 Degrees 38 Minutes 44 Seconds East	111.6 feet
thence North 89 Degrees 40 Minutes 10 Seconds East	52.3 feet
thence North 89 Degrees 40 Minutes 10 Seconds East	52.9 feet

thence South 42 Degrees 13 Minutes 20 Seconds East 88.1 feet  
thence South 20 Degrees 53 Minutes 11 Seconds East 105.1 feet  
thence South 47 Degrees 19 Minutes 14 Seconds East 108.2 feet  
thence North 89 Degrees 40 Minutes 10 Seconds East 100.9 feet  
thence North 33 Degrees 17 Minutes 51 Seconds East 92.6 feet  
thence North 08 Degrees 32 Minutes 02 Seconds West 119.3 feet  
thence North 18 Degrees 15 Minutes 58 Seconds East 117.7 feet  
thence North 18 Degrees 57 Minutes 10 Seconds East 130.3 feet  
thence North 13 Degrees 27 Minutes 10 Seconds East 133.4 feet  
thence North 24 Degrees 49 Minutes 08 Seconds East 141.4 feet  
thence North 24 Degrees 29 Minutes 09 Seconds East 150 feet  
thence North 46 Degrees 55 Minutes 36 Seconds East 140.2 feet  
thence North 46 Degrees 30 Minutes 01 Seconds East 127.1 feet  
thence South 88 Degrees 05 Minutes 42 Seconds East 84.1 feet  
thence South 17 Degrees 53 Minutes 25 Seconds East 106.7 feet  
thence South 05 Degrees 44 Minutes 23 Seconds East 80.7 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 40.32 seconds North Latitude and -109 degrees 06 minutes 44.96 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,314,726.2 feet and Y = 6,969,333.6 feet.



## Appendix H to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 008**

**Road-Segment Length: 0.92 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11,12, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 008 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 34.14 seconds North Latitude and -109 degrees 07 minutes 08.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,934.2 feet and Y = 6,968,660.5 feet; thence the following courses along the said road center line:

thence North 73 Degrees 20 Minutes 21 Seconds East	116.7 feet
thence North 65 Degrees 42 Minutes 25 Seconds East	105 feet
thence North 46 Degrees 13 Minutes 47 Seconds East	95.4 feet
thence North 24 Degrees 53 Minutes 36 Seconds East	101.5 feet
thence North 21 Degrees 04 Minutes 41 Seconds East	102.2 feet
thence North 27 Degrees 18 Minutes 28 Seconds East	20.4 feet
thence North 33 Degrees 53 Minutes 07 Seconds East	31.7 feet
thence North 35 Degrees 32 Minutes 22 Seconds East	131.6 feet
thence North 20 Degrees 41 Minutes 01 Seconds East	144.1 feet
thence North 15 Degrees 26 Minutes 34 Seconds East	124.4 feet
thence North 51 Degrees 11 Minutes 37 Seconds East	121.3 feet

thence North 45 Degrees 46 Minutes 52 Seconds East 111.2 feet  
 thence North 21 Degrees 59 Minutes 06 Seconds East 118.8 feet  
 thence North 13 Degrees 19 Minutes 12 Seconds East 118.2 feet  
 thence North 16 Degrees 54 Minutes 47 Seconds East 89.3 feet  
 thence North 24 Degrees 44 Minutes 59 Seconds East 71.9 feet  
 thence North 24 Degrees 44 Minutes 53 Seconds East 27.7 feet  
 thence North 49 Degrees 22 Minutes 05 Seconds East 111.6 feet  
 thence North 33 Degrees 25 Minutes 08 Seconds East 96.7 feet  
 thence North 19 Degrees 36 Minutes 13 Seconds East 104.7 feet  
 thence North 37 Degrees 12 Minutes 45 Seconds East 111.7 feet  
 thence North 41 Degrees 23 Minutes 54 Seconds East 129.7 feet  
 thence North 29 Degrees 16 Minutes 40 Seconds East 141.5 feet  
 thence North 53 Degrees 29 Minutes 24 Seconds East 136.2 feet  
 thence North 49 Degrees 26 Minutes 24 Seconds East 144.8 feet  
 thence North 29 Degrees 23 Minutes 03 Seconds East 130.3 feet  
 thence North 28 Degrees 24 Minutes 18 Seconds East 131 feet  
 thence North 22 Degrees 51 Minutes 17 Seconds East 146.3 feet  
 thence North 13 Degrees 30 Minutes 58 Seconds East 182.5 feet  
 thence North 09 Degrees 48 Minutes 01 Seconds East 151.6 feet  
 thence North 00 Degrees 57 Minutes 08 Seconds East 109.9 feet  
 thence North 05 Degrees 55 Minutes 00 Seconds West 105.5 feet  
 thence North 00 Degrees 50 Minutes 11 Seconds West 70.5 feet  
 thence North 17 Degrees 40 Minutes 52 Seconds East 60.4 feet  
 thence North 32 Degrees 41 Minutes 37 Seconds East 58.7 feet  
 thence North 27 Degrees 41 Minutes 39 Seconds East 57.6 feet  
 thence North 24 Degrees 04 Minutes 25 Seconds East 97.3 feet  
 thence North 37 Degrees 07 Minutes 57 Seconds East 111.6 feet  
 thence North 43 Degrees 19 Minutes 03 Seconds East 111.1 feet  
 thence North 57 Degrees 44 Minutes 09 Seconds East 55.8 feet  
 thence North 68 Degrees 02 Minutes 47 Seconds East 97.9 feet  
 thence North 65 Degrees 59 Minutes 15 Seconds East 102.1 feet  
 thence North 54 Degrees 39 Minutes 43 Seconds East 88.6 feet  
 thence North 29 Degrees 55 Minutes 04 Seconds East 96.8 feet  
 thence North 09 Degrees 07 Minutes 55 Seconds East 99.8 feet  
 thence North 07 Degrees 26 Minutes 06 Seconds East 72.8 feet  
 thence North 15 Degrees 17 Minutes 02 Seconds East 64.7 feet

thence North 21 Degrees 32 Minutes 21 Seconds East 51.3 feet more or less to **the ending point at:** 39 degrees 26 minutes 12.48 seconds North Latitude and -109 degrees 06 minutes 36.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,315,320.9 feet and Y = 6,972,604.8 feet.



## Appendix I to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 009**

**Road-Segment Length: 0.23 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 009 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 26 minutes 07.59 seconds North Latitude and -109 degrees 07 minutes 010.7 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,634.4 feet and Y = 6,972,038.1 feet; thence the following courses along the said road center line:

thence North 89 Degrees 40 Minutes 11 Seconds East 2.5 feet  
thence North 31 Degrees 57 Minutes 30 Seconds East 71.8 feet  
thence North 37 Degrees 49 Minutes 37 Seconds East 87.6 feet  
thence North 47 Degrees 04 Minutes 12 Seconds East 96.9 feet  
thence North 39 Degrees 09 Minutes 38 Seconds East 125.4 feet  
thence North 37 Degrees 27 Minutes 27 Seconds East 62.3 feet  
thence North 01 Degrees 55 Minutes 16 Seconds West 29.5 feet  
thence North 45 Degrees 19 Minutes 48 Seconds West 46.4 feet  
thence North 40 Degrees 36 Minutes 40 Seconds West 68.8 feet  
thence North 03 Degrees 47 Minutes 02 Seconds West 92 feet  
thence North 30 Degrees 09 Minutes 48 Seconds West 87 feet

thence South 70 Degrees 15 Minutes 25 Seconds West 83.9 feet  
thence North 81 Degrees 48 Minutes 24 Seconds West 88.5 feet  
thence North 52 Degrees 00 Minutes 27 Seconds West 132.3 feet  
thence North 54 Degrees 47 Minutes 32 Seconds West 84.7 feet  
thence North 46 Degrees 08 Minutes 50 Seconds West 65.1 feet more or less to **the ending**

**point at:** 39 degrees 26 minutes 015.4 seconds North Latitude and -109 degrees 07 minutes 013.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,401.2 feet and Y = 6,972,821.9 feet.



## Appendix J to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 011**

**Road-Segment Length: 0.05 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 011 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 25 minutes 32.55 seconds North Latitude and -109 degrees 07 minutes 037.1 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,657.9 feet and Y = 6,968,439.0 feet; thence the following courses along the said road center line:

thence North 11 Degrees 42 Minutes 44 Seconds East 5 feet

thence North 06 Degrees 43 Minutes 44 Seconds West 46.2 feet

thence North 15 Degrees 24 Minutes 11 Seconds West 98.5 feet

thence North 12 Degrees 05 Minutes 29 Seconds West 65.3 feet

thence North 09 Degrees 12 Minutes 22 Seconds East 58.2 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 035.2 seconds North Latitude and -109 degrees 07 minutes 37.45 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,623.0 feet and Y = 6,968,706.2 feet.

## Appendix K to Attachment 4

**Popular Name: MESA WELLS 5 ROAD**

**County: Grand**

**County Road Number: 00244**

**State Geographic Information Database (SGID) Road Identification Number: RD100122.**

**Road-Segment Number: 012**

**Road-Segment Length: 0.65 miles more or less.**

**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

*The following description is based upon the geographic coordinate system using the NAD83 Datum. The source is GPS mapping grade data as indicated in the metadata and/or the transportation data model of the State of Utah Geographic Information Database (SGID).*

The road-segment itself is the monument that is identified by its physical presence on the land. The location of said physical presence is closely approximated by mapping grade Global Positioning System (GPS) data. Said data are checked against the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS) to verify a reasonable degree of accuracy. In circumstances where accurate satellite signal acquisition is not possible, such as deep, narrow canyons or under a canopy of dense foliage, or where very sharp curves in the road make accuracy questionable, such portions of the road were digitized from the corresponding gray-scale 1-meter Digital Orthophoto Quadrangles published by the United States Geological Survey (USGS).

This road-segment may traverse:

Township 16 South Range 25 East, Section(s) 13,14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (MESA WELLS 5 ROAD)-- Segment 012 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 24 minutes 053.4 seconds North Latitude and -109 degrees 07 minutes 010.9 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,818.4 feet and Y = 6,964,534.1 feet; thence the following courses along the said road center line:

thence North 15 Degrees 50 Minutes 29 Seconds East	10.2 feet
thence North 20 Degrees 01 Minutes 27 Seconds East	105 feet
thence North 12 Degrees 41 Minutes 42 Seconds East	112.8 feet
thence North 11 Degrees 55 Minutes 31 Seconds East	109.1 feet
thence North 65 Degrees 22 Minutes 25 Seconds East	99.7 feet
thence North 65 Degrees 13 Minutes 09 Seconds East	126.8 feet
thence North 44 Degrees 43 Minutes 46 Seconds East	132.4 feet
thence North 52 Degrees 45 Minutes 27 Seconds East	125.6 feet
thence North 73 Degrees 22 Minutes 28 Seconds East	128.6 feet
thence North 62 Degrees 50 Minutes 16 Seconds East	119.9 feet
thence North 55 Degrees 32 Minutes 39 Seconds East	119.9 feet



thence North 79 Degrees 26 Minutes 04 Seconds East 120 feet  
 thence North 67 Degrees 38 Minutes 26 Seconds East 113.7 feet  
 thence North 44 Degrees 28 Minutes 19 Seconds East 67.3 feet  
 thence North 44 Degrees 28 Minutes 09 Seconds East 59.8 feet  
 thence North 26 Degrees 47 Minutes 03 Seconds East 134.5 feet  
 thence North 24 Degrees 03 Minutes 20 Seconds East 135.1 feet  
 thence North 26 Degrees 22 Minutes 12 Seconds East 148.7 feet  
 thence North 41 Degrees 55 Minutes 21 Seconds East 141.8 feet  
 thence North 35 Degrees 14 Minutes 28 Seconds East 108.9 feet  
 thence North 29 Degrees 26 Minutes 07 Seconds East 88.8 feet  
 thence North 46 Degrees 50 Minutes 39 Seconds East 45.9 feet  
 thence North 50 Degrees 54 Minutes 18 Seconds East 78.6 feet  
 thence North 53 Degrees 44 Minutes 57 Seconds East 131.4 feet  
 thence North 42 Degrees 46 Minutes 33 Seconds East 101.1 feet  
 thence North 13 Degrees 02 Minutes 19 Seconds East 101.2 feet  
 thence North 18 Degrees 05 Minutes 36 Seconds West 98.2 feet  
 thence North 11 Degrees 59 Minutes 24 Seconds East 105.8 feet  
 thence North 29 Degrees 06 Minutes 10 Seconds East 124.3 feet  
 thence North 43 Degrees 27 Minutes 02 Seconds East 81.8 feet  
 thence North 60 Degrees 20 Minutes 32 Seconds East 43.5 feet  
 thence North 59 Degrees 42 Minutes 57 Seconds East 55.9 feet  
 thence North 77 Degrees 20 Minutes 46 Seconds East 61.5 feet  
 thence North 58 Degrees 03 Minutes 43 Seconds East 50.1 feet  
 thence North 48 Degrees 11 Minutes 05 Seconds East 54.5 feet more or less to **the ending**

**point at:** 39 degrees 25 minutes 16.32 seconds North Latitude and -109 degrees 06 minutes 42.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,314,956.8 feet and Y = 6,966,910.3 feet.