

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

Ent 486500 Bk 732 Pg 424 -434
Date: 27-MAY-2008 4:28PM
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over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 BROADHEAD WELL ROAD; County Road Number: 00258; State Geographic Information Database (SGID) Road Identification Number: RD100208. Total road length is 14.17 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.

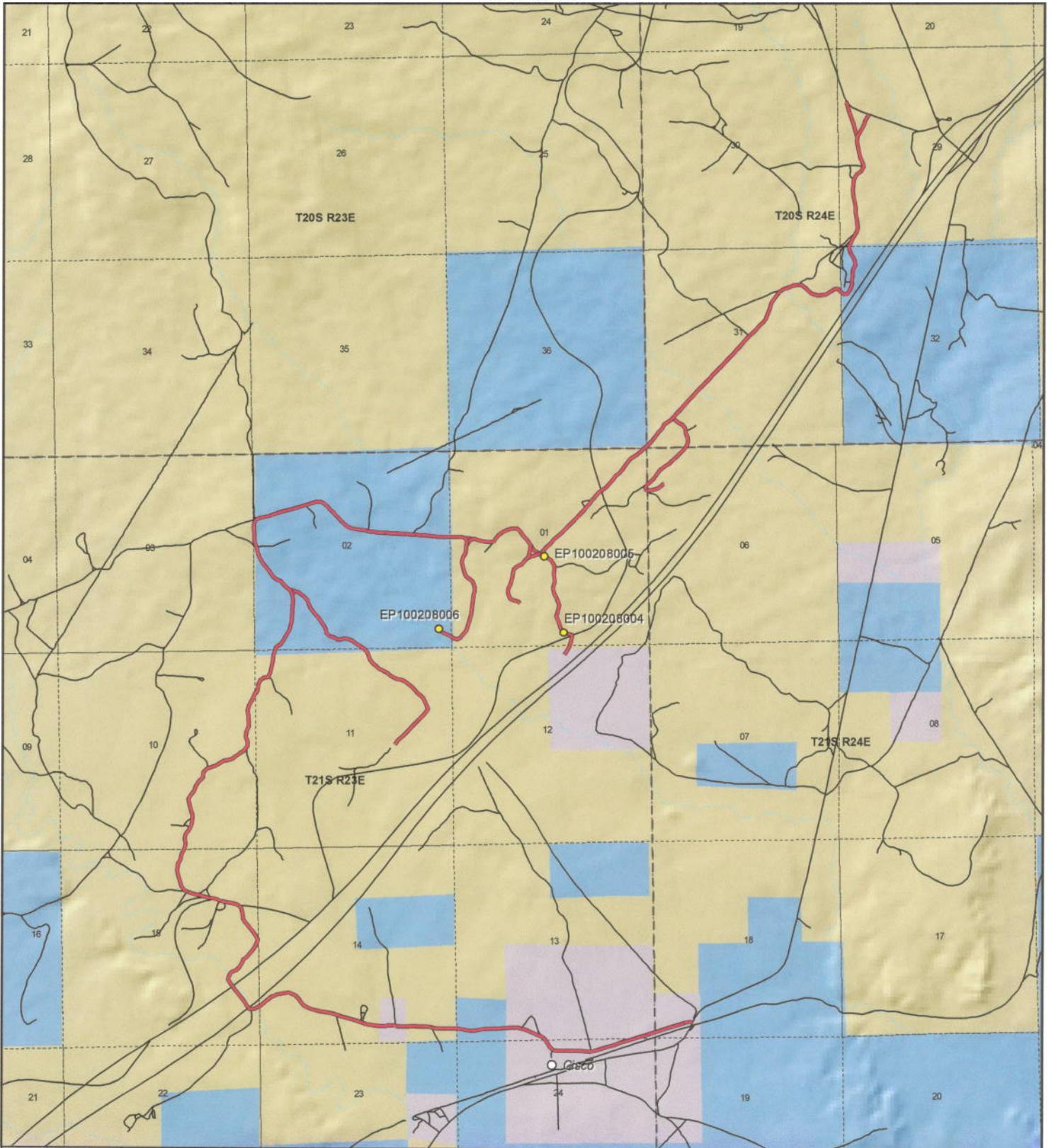
This Acknowledgment and Notice of Acknowledgment applies only to the segments of the road that traverse land owned by the Bureau of Land Management, United States Department of the Interior, and does not apply to segments of the road that traverse land owned by any other person or entity. The State of 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



Broadhead Well Road - Grand County
SGID RD_ID RD100208

Land Ownership Categories

- ◆ BLM
- ◆ Private
- ◆ SITLA, State Trust Land
- ◆ USFS, National Forest
- ◆ State Parks and Recreation
- ◆ Tribal, Indian Reservation
- ◆ NPS, National Park
- ◆ Wilderness
- ◆ UDWR Wildlife Reserve
- ◆ DOD, Military
- ◆ State Sovereign Land
- ◆ National Recreation Area
- ◆ USFWS, Natl. Wildlife Refuge

Transportation Network

- Broadhead Well Road
- Title V, Issued Or Under Consideration By BLM Or County
- Other Roads
- Photo Event Point
- Section = 1 Mile



1:41,863

1 inch equals 0.7 miles



Map prepared by the State of Utah
 Automated Geographic Reference Center
 Room 5130 State Office Building
 Salt Lake City, Utah 84114
 Apr 10, 2008



426

Attachment 2



EP100208004



EP100208006



EP100208005

EP000000000

EP000000000

EP000000000

Ent 486500 Bk 0732 Pg 0427

Broadhead Well Road - Grand County
SGID RD_ID RD100208

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: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Total Road Length: 14.17 miles more or less.

Beginning at a point on the road centerline located at 38 degrees 58 minutes 25.03 seconds North Latitude and -109 degrees 18 minutes 35.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,263,027.9 feet and Y = 6,802,509.6 feet based on the US Survey Foot conversion.

Ending at a point on the road centerline located at 39 degrees 00 minutes 34.34 seconds North Latitude and -109 degrees 19 minutes 50.62 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,796.8 feet and Y = 6,815,444.0 feet based on the US Survey Foot conversion.

This road may traverse:

Township 20 South Range 23 East, Section(s) 36, Salt Lake Base & Meridian

Township 20 South Range 24 East, Section(s) 29,31,32, Salt Lake Base & Meridian

Township 21 South Range 23 East, Section(s) 1,2,10,11,12,13,14,15,24, Salt Lake Base & Meridian

Township 21 South Range 24 East, Section(s) 6,18, 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: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Total Road Length: 14.17 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).

Road-Segments Listed by SGID Road Identification Number (RD_ID)	Road-Segment Numbers	Believed Ownership Of Servient Estate	Approximate Segment Length	See Attached Appendix
RD100208	001	PVT	1.01 Miles	(not shown)
RD100208	002	ST	0.26 Miles	(not shown)
RD100208	003	BLM	0.25 Miles	A
RD100208	004	PVT	0.14 Miles	(not shown)
RD100208	005	BLM	3.1 Miles	B
RD100208	006	ST	0.34 Miles	(not shown)
RD100208	007	ST	0.02 Miles	(not shown)
RD100208	008	ST	0.51 Miles	(not shown)
RD100208	009	BLM	0.69 Miles	C
RD100208	010	ST	0.03 Miles	(not shown)
RD100208	011	ST	0.03 Miles	(not shown)
RD100208	012	ST	0.31 Miles	(not shown)
RD100208	013	BLM	0.11 Miles	D
RD100208	014	ST	1.07 Miles	(not shown)
RD100208	015	BLM	0.07 Miles	E
RD100208	016	BLM	0.05 Miles	F
RD100208	017	BLM	0.54 Miles	G
RD100208	018	ST	0.08 Miles	(not shown)
RD100208	019	BLM	0.06 Miles	H
RD100208	020	BLM	0.36 Miles	I
RD100208	021	BLM	0.08 Miles	J
RD100208	022	BLM	0.29 Miles	K
RD100208	023	BLM	0.07 Miles	L
RD100208	024	BLM	0.57 Miles	M

RD100208	025	PVT	0.04 Miles	(not shown)
RD100208	026	BLM	0.78 Miles	N
RD100208	027	ST	0.01 Miles	(not shown)
RD100208	028	BLM	0.19 Miles	O
RD100208	029	BLM	0.59 Miles	P
RD100208	030	BLM	1.2 Miles	Q
RD100208	031	ST	0.3 Miles	(not shown)
RD100208	032	BLM	0.59 Miles	R
RD100208	033	BLM	0.13 Miles	S
RD100208	034	BLM	0.18 Miles	T
RD100208	035	BLM	0.06 Miles	U
RD100208	036	BLM	0.05 Miles	V
Total Road Length			14.17	_____

* 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

Ent 486500 Bk 0732 Pg 0431

AFFIDAVIT OF JAMES ROBERT WESTWOOD

BROADHEAD WELL ROAD

GRAND COUNTY, UTAH

ROAD NUMBER 00258

State of Utah)
 : ss.
County of Grand)

JAMES ROBERT WESTWOOD, 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 Moab, Grand County, Utah. I have lived in Grand County for 64 years. I worked for the Grand County Road Department from 1961 to 1980.

2. I have traveled and am familiar with a road in Grand County known as Broadhead Well 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 1980 when I last observed it. Attached is a Grand County map showing Broadhead Well 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 Grand 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 1980. Throughout this time period I observed travel on the road by means of road maintenance vehicles, jeeps and pickup trucks. During this time period, the road was used weekly, for more than ten continuous years prior to 1976 and was so used in 1980.

5. Throughout the time period from the early 1960s to 1980, I used the road myself for county road maintenance.

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 oil and gas exploration, traveling in and through the area, livestock operations 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 1960s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

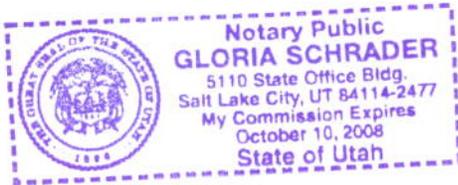
8. Prior to 1976, I personally graded the road.

DATED this 8 day of September, 2007.



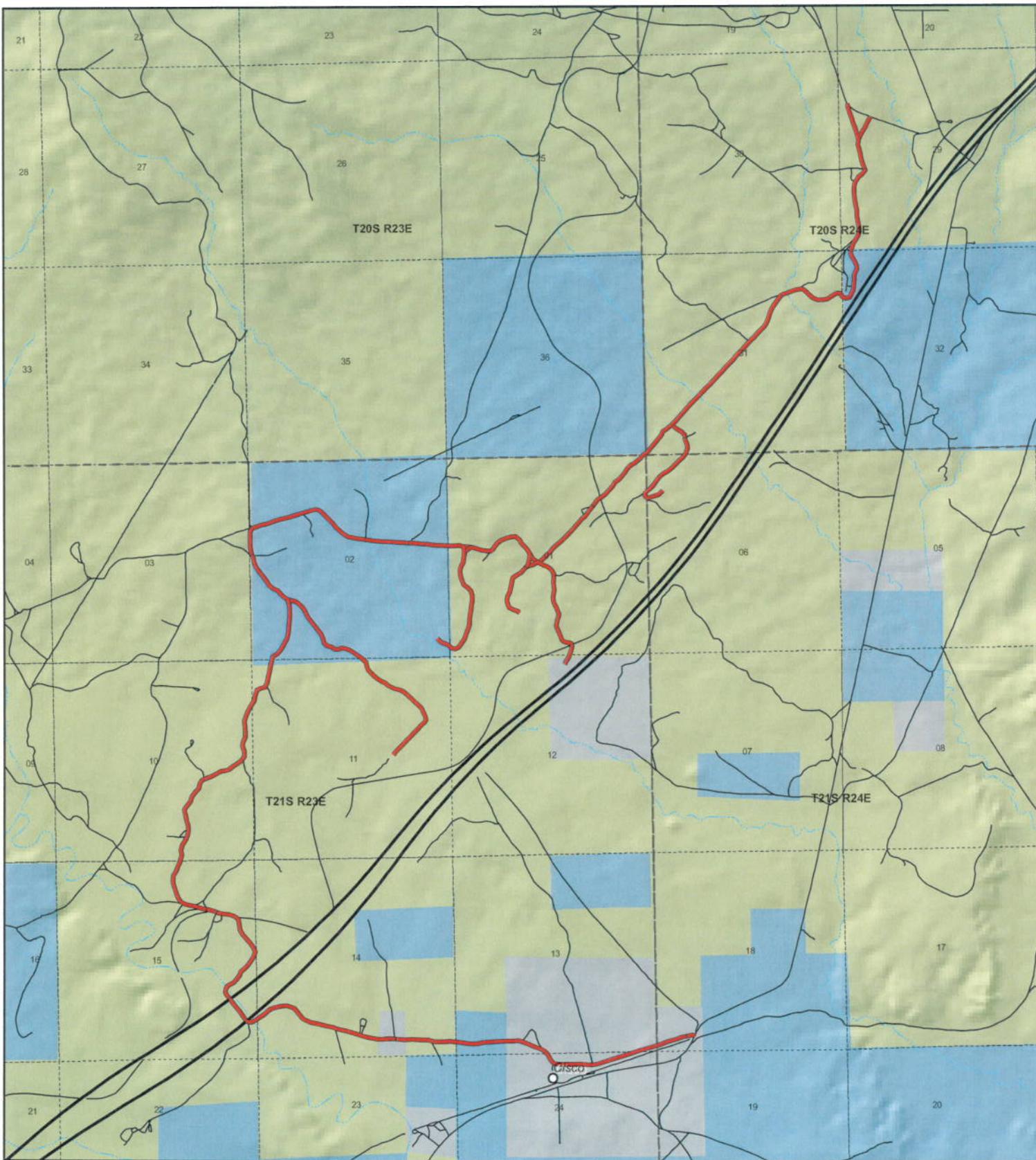
JAMES ROBERT WESTWOOD

SUBSCRIBED AND SWORN to before me this 8th day of September, 2007.





NOTARY PUBLIC



**Broadhead Well
County Unique - 00258**

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

- Broadhead Well
- State / U.S. Highway
- Local Roads

Misc

- City / Town
- ⋯ Municipalities
- ⊙ Section = 1 Mile



1:41,251
1 inch equals 0.7 miles



Map prepared by the State of Utah
AGRC
Room 5130 State Office Building
Salt Lake City, Utah 84114
Jul 30, 2007



Appendix A to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 003

Road-Segment Length: 0.25 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 21 South Range 23 East, Section(s) 14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL 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 38 degrees 58 minutes 24.28 seconds North Latitude and -109 degrees 19 minutes 56.29 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,668.2 feet and Y = 6,802,278.4 feet; thence the following courses along the said road center line:

thence North 85 Degrees 34 Minutes 33 Seconds West 138.3 feet

thence South 86 Degrees 26 Minutes 32 Seconds West 204.6 feet

thence North 88 Degrees 57 Minutes 57 Seconds West 205.3 feet

thence North 77 Degrees 39 Minutes 01 Seconds West 112 feet

thence North 77 Degrees 39 Minutes 32 Seconds West 67.3 feet

thence North 87 Degrees 06 Minutes 54 Seconds West 204.2 feet

thence North 89 Degrees 28 Minutes 43 Seconds West 218.4 feet

thence South 87 Degrees 06 Minutes 15 Seconds West 183.9 feet more or less to **the ending**

point at: 38 degrees 58 minutes 25.02 seconds North Latitude and -109 degrees 20 minutes 13.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,255,339.6 feet and Y = 6,802,321.3 feet.

Appendix B to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 005

Road-Segment Length: 3.1 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 21 South Range 23 East, Section(s) 10,11,14,15, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL 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 38 degrees 58 minutes 025.3 seconds North Latitude and -109 degrees 20 minutes 22.37 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,254,606.3 feet and Y = 6,802,331.8 feet; thence the following courses along the said road center line:

thence North 83 Degrees 53 Minutes 40 Seconds West 160.8 feet
thence North 78 Degrees 47 Minutes 09 Seconds West 180.2 feet
thence North 73 Degrees 12 Minutes 12 Seconds West 100.2 feet
thence North 72 Degrees 27 Minutes 38 Seconds West 80.2 feet
thence North 71 Degrees 55 Minutes 35 Seconds West 161 feet
thence North 75 Degrees 55 Minutes 02 Seconds West 184.4 feet
thence North 76 Degrees 22 Minutes 03 Seconds West 176.7 feet
thence North 73 Degrees 23 Minutes 56 Seconds West 146.4 feet
thence North 72 Degrees 51 Minutes 43 Seconds West 54.6 feet
thence North 77 Degrees 52 Minutes 19 Seconds West 205.2 feet
thence North 79 Degrees 03 Minutes 46 Seconds West 209.8 feet

thence North 78 Degrees 36 Minutes 25 Seconds West 201.7 feet
thence North 64 Degrees 54 Minutes 08 Seconds West 213.9 feet
thence North 40 Degrees 04 Minutes 53 Seconds West 189.9 feet
thence North 41 Degrees 02 Minutes 05 Seconds West 34.6 feet
thence North 41 Degrees 07 Minutes 05 Seconds West 153.8 feet
thence North 70 Degrees 35 Minutes 18 Seconds West 189.3 feet
thence South 81 Degrees 01 Minutes 28 Seconds West 163.9 feet
thence South 77 Degrees 49 Minutes 57 Seconds West 160.1 feet
thence South 70 Degrees 56 Minutes 33 Seconds West 117.6 feet
thence South 56 Degrees 16 Minutes 13 Seconds West 41.7 feet
thence South 55 Degrees 17 Minutes 19 Seconds West 29.1 feet
thence South 50 Degrees 41 Minutes 08 Seconds West 91.3 feet
thence South 48 Degrees 36 Minutes 08 Seconds West 12.5 feet
thence South 51 Degrees 25 Minutes 13 Seconds West 124.6 feet
thence South 53 Degrees 56 Minutes 00 Seconds West 115.2 feet
thence South 60 Degrees 39 Minutes 59 Seconds West 24.2 feet
thence South 60 Degrees 36 Minutes 55 Seconds West 40 feet
thence South 60 Degrees 58 Minutes 09 Seconds West 133.3 feet
thence South 80 Degrees 39 Minutes 19 Seconds West 41.9 feet
thence South 89 Degrees 39 Minutes 38 Seconds West 5.1 feet
thence North 82 Degrees 20 Minutes 59 Seconds West 47.2 feet
thence North 80 Degrees 28 Minutes 24 Seconds West 19.2 feet
thence North 45 Degrees 20 Minutes 21 Seconds West 7 feet
thence North 44 Degrees 12 Minutes 57 Seconds West 29.6 feet
thence North 48 Degrees 49 Minutes 54 Seconds West 5 feet
thence North 43 Degrees 28 Minutes 50 Seconds West 63 feet
thence North 34 Degrees 48 Minutes 23 Seconds West 117.4 feet
thence North 35 Degrees 07 Minutes 03 Seconds West 129.8 feet
thence North 36 Degrees 37 Minutes 42 Seconds West 114 feet
thence North 41 Degrees 50 Minutes 08 Seconds West 85.4 feet
thence North 38 Degrees 10 Minutes 39 Seconds West 76.9 feet
thence North 34 Degrees 45 Minutes 55 Seconds West 103.4 feet
thence North 39 Degrees 20 Minutes 47 Seconds West 8.4 feet
thence North 37 Degrees 14 Minutes 59 Seconds West 18.5 feet
thence North 38 Degrees 01 Minutes 42 Seconds West 56 feet
thence North 39 Degrees 15 Minutes 27 Seconds West 73.8 feet
thence North 28 Degrees 36 Minutes 17 Seconds West 80.1 feet
thence North 04 Degrees 20 Minutes 17 Seconds East 90.5 feet
thence North 29 Degrees 16 Minutes 13 Seconds East 100 feet
thence North 59 Degrees 27 Minutes 18 Seconds East 88 feet
thence North 59 Degrees 51 Minutes 46 Seconds East 105.6 feet
thence North 44 Degrees 11 Minutes 37 Seconds East 108.2 feet
thence North 35 Degrees 34 Minutes 12 Seconds East 127.6 feet
thence North 17 Degrees 01 Minutes 08 Seconds East 106.6 feet
thence North 53 Degrees 04 Minutes 31 Seconds East 99.1 feet
thence North 44 Degrees 15 Minutes 29 Seconds East 122.1 feet
thence North 33 Degrees 27 Minutes 09 Seconds East 128.3 feet
thence North 34 Degrees 24 Minutes 42 Seconds East 159.7 feet
thence North 19 Degrees 04 Minutes 00 Seconds East 153.1 feet

thence North 27 Degrees 42 Minutes 33 Seconds West 144.1 feet
 thence North 36 Degrees 42 Minutes 05 Seconds West 130.4 feet
 thence North 38 Degrees 16 Minutes 15 Seconds West 133.1 feet
 thence North 45 Degrees 13 Minutes 40 Seconds West 143.6 feet
 thence North 29 Degrees 27 Minutes 30 Seconds West 152.1 feet
 thence North 08 Degrees 24 Minutes 04 Seconds West 160.7 feet
 thence North 11 Degrees 17 Minutes 57 Seconds West 137 feet
 thence North 51 Degrees 53 Minutes 07 Seconds West 71.2 feet
 thence North 51 Degrees 47 Minutes 26 Seconds West 63.2 feet
 thence North 73 Degrees 42 Minutes 41 Seconds West 160.5 feet
 thence North 84 Degrees 32 Minutes 24 Seconds West 146.1 feet
 thence North 80 Degrees 59 Minutes 09 Seconds West 70.7 feet
 thence North 80 Degrees 34 Minutes 43 Seconds West 58.1 feet
 thence North 67 Degrees 19 Minutes 01 Seconds West 25.2 feet
 thence North 65 Degrees 08 Minutes 23 Seconds West 104 feet
 thence North 79 Degrees 39 Minutes 23 Seconds West 150.5 feet
 thence North 78 Degrees 14 Minutes 39 Seconds West 23.5 feet
 thence North 78 Degrees 18 Minutes 25 Seconds West 133.8 feet
 thence North 75 Degrees 22 Minutes 10 Seconds West 6.4 feet
 thence North 74 Degrees 15 Minutes 40 Seconds West 171.8 feet
 thence North 78 Degrees 58 Minutes 50 Seconds West 91.6 feet
 thence North 79 Degrees 33 Minutes 16 Seconds West 87.7 feet
 thence North 72 Degrees 08 Minutes 51 Seconds West 136.6 feet
 thence North 62 Degrees 35 Minutes 53 Seconds West 49.3 feet
 thence North 63 Degrees 52 Minutes 49 Seconds West 55.2 feet
 thence North 35 Degrees 09 Minutes 01 Seconds West 127.9 feet
 thence North 19 Degrees 22 Minutes 24 Seconds West 152.7 feet
 thence North 16 Degrees 37 Minutes 33 Seconds West 157.3 feet
 thence North 16 Degrees 53 Minutes 49 Seconds West 140.4 feet
 thence North 05 Degrees 40 Minutes 43 Seconds East 158.4 feet
 thence North 30 Degrees 39 Minutes 27 Seconds East 147.4 feet
 thence North 16 Degrees 12 Minutes 30 Seconds East 154 feet
 thence North 24 Degrees 27 Minutes 33 Seconds East 142.8 feet
 thence North 14 Degrees 09 Minutes 17 Seconds East 5 feet
 thence North 14 Degrees 15 Minutes 24 Seconds East 18.8 feet
 thence North 14 Degrees 24 Minutes 16 Seconds East 128.9 feet
 thence North 10 Degrees 40 Minutes 24 Seconds West 141.8 feet
 thence North 14 Degrees 35 Minutes 17 Seconds East 139.2 feet
 thence North 34 Degrees 20 Minutes 55 Seconds East 141.7 feet
 thence North 36 Degrees 24 Minutes 30 Seconds East 6.1 feet
 thence North 23 Degrees 47 Minutes 12 Seconds East 151 feet
 thence North 08 Degrees 53 Minutes 27 Seconds East 133 feet
 thence North 03 Degrees 48 Minutes 06 Seconds West 64.1 feet
 thence North 03 Degrees 44 Minutes 43 Seconds West 69 feet
 thence North 16 Degrees 11 Minutes 36 Seconds West 145 feet
 thence North 14 Degrees 07 Minutes 38 Seconds West 143.6 feet
 thence North 12 Degrees 46 Minutes 30 Seconds West 127.7 feet
 thence North 28 Degrees 51 Minutes 25 Seconds East 124 feet
 thence North 40 Degrees 36 Minutes 35 Seconds East 152.1 feet

thence North 16 Degrees 42 Minutes 21 Seconds East 140.7 feet
 thence North 34 Degrees 50 Minutes 03 Seconds East 144.5 feet
 thence North 47 Degrees 15 Minutes 11 Seconds East 141.1 feet
 thence North 06 Degrees 06 Minutes 49 Seconds East 138.7 feet
 thence North 33 Degrees 45 Minutes 33 Seconds East 118.9 feet
 thence North 70 Degrees 29 Minutes 43 Seconds East 35 feet
 thence North 70 Degrees 15 Minutes 48 Seconds East 88.9 feet
 thence North 66 Degrees 46 Minutes 01 Seconds East 147.6 feet
 thence North 60 Degrees 24 Minutes 47 Seconds East 151.1 feet
 thence North 63 Degrees 34 Minutes 02 Seconds East 123.1 feet
 thence North 81 Degrees 32 Minutes 46 Seconds East 104.6 feet
 thence North 71 Degrees 15 Minutes 45 Seconds East 114.4 feet
 thence North 50 Degrees 34 Minutes 10 Seconds East 119.7 feet
 thence North 53 Degrees 53 Minutes 29 Seconds East 131.9 feet
 thence North 55 Degrees 31 Minutes 11 Seconds East 143.2 feet
 thence North 35 Degrees 22 Minutes 04 Seconds East 97 feet
 thence North 34 Degrees 17 Minutes 01 Seconds East 45.9 feet
 thence North 00 Degrees 26 Minutes 03 Seconds West 137.8 feet
 thence North 21 Degrees 42 Minutes 35 Seconds West 133.9 feet
 thence North 08 Degrees 52 Minutes 20 Seconds East 123 feet
 thence North 21 Degrees 24 Minutes 54 Seconds East 146.6 feet
 thence North 01 Degrees 46 Minutes 58 Seconds East 144.5 feet
 thence North 05 Degrees 51 Minutes 07 Seconds West 151.6 feet
 thence North 05 Degrees 30 Minutes 51 Seconds West 143.3 feet
 thence North 17 Degrees 52 Minutes 41 Seconds East 155.5 feet
 thence North 24 Degrees 55 Minutes 14 Seconds East 128.8 feet
 thence North 25 Degrees 59 Minutes 59 Seconds East 133.6 feet
 thence North 29 Degrees 54 Minutes 29 Seconds East 85.5 feet
 thence North 44 Degrees 39 Minutes 40 Seconds East 9.3 feet
 thence North 42 Degrees 49 Minutes 44 Seconds East 22.5 feet
 thence North 42 Degrees 48 Minutes 49 Seconds East 18 feet
 thence North 25 Degrees 22 Minutes 16 Seconds East 49.2 feet
 thence North 08 Degrees 38 Minutes 02 Seconds East 94.7 feet
 thence North 09 Degrees 58 Minutes 55 Seconds East 95.1 feet
 thence North 25 Degrees 54 Minutes 52 Seconds East 102.4 feet
 thence North 60 Degrees 08 Minutes 17 Seconds East 79.9 feet
 thence North 59 Degrees 44 Minutes 55 Seconds East 36.2 feet
 thence North 76 Degrees 58 Minutes 20 Seconds East 112 feet
 thence North 24 Degrees 23 Minutes 18 Seconds East 68.6 feet
 thence North 23 Degrees 30 Minutes 48 Seconds East 50.2 feet
 thence North 11 Degrees 58 Minutes 35 Seconds East 139.4 feet
 thence North 13 Degrees 37 Minutes 07 Seconds East 150.5 feet
 thence North 06 Degrees 25 Minutes 11 Seconds East 155.3 feet
 thence North 14 Degrees 10 Minutes 39 Seconds East 44.6 feet

more or less to **the ending point at:** 39 degrees 00 minutes 04.09 seconds North Latitude and -109 degrees 20 minutes 56.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,251,689.6 feet and Y = 6,812,259.3 feet.

Appendix C to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 009

Road-Segment Length: 0.69 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 21 South Range 23 East, Section(s) 11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL 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 00 minutes 04.66 seconds North Latitude and -109 degrees 20 minutes 24.57 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,254,189.8 feet and Y = 6,812,377.1 feet; thence the following courses along the said road center line:

thence South 48 Degrees 10 Minutes 03 Seconds East	29.6 feet
thence South 16 Degrees 37 Minutes 10 Seconds East	116.2 feet
thence South 19 Degrees 02 Minutes 45 Seconds East	100.5 feet
thence South 42 Degrees 09 Minutes 10 Seconds East	96.9 feet
thence South 46 Degrees 21 Minutes 50 Seconds East	106.3 feet
thence South 49 Degrees 14 Minutes 39 Seconds East	129.8 feet
thence South 62 Degrees 32 Minutes 37 Seconds East	119.6 feet
thence South 62 Degrees 36 Minutes 53 Seconds East	127 feet
thence South 51 Degrees 17 Minutes 08 Seconds East	112 feet
thence South 61 Degrees 28 Minutes 29 Seconds East	105.4 feet
thence South 66 Degrees 34 Minutes 03 Seconds East	101.8 feet

thence South 78 Degrees 28 Minutes 15 Seconds East 111.7 feet
thence South 67 Degrees 15 Minutes 08 Seconds East 125.5 feet
thence South 50 Degrees 54 Minutes 34 Seconds East 134.3 feet
thence South 50 Degrees 00 Minutes 46 Seconds East 131.8 feet
thence South 43 Degrees 31 Minutes 03 Seconds East 137.2 feet
thence South 48 Degrees 05 Minutes 07 Seconds East 124.4 feet
thence South 44 Degrees 09 Minutes 30 Seconds East 120.5 feet
thence South 26 Degrees 10 Minutes 18 Seconds East 114.8 feet
thence South 24 Degrees 19 Minutes 26 Seconds East 109.5 feet
thence South 19 Degrees 49 Minutes 58 Seconds East 104.4 feet
thence South 35 Degrees 17 Minutes 29 Seconds West 98.9 feet
thence South 44 Degrees 52 Minutes 56 Seconds West 114.1 feet
thence South 43 Degrees 11 Minutes 08 Seconds West 101.8 feet
thence South 45 Degrees 45 Minutes 41 Seconds West 113.6 feet
thence South 41 Degrees 57 Minutes 21 Seconds West 95.4 feet
thence South 42 Degrees 54 Minutes 08 Seconds West 108.1 feet
thence South 44 Degrees 13 Minutes 51 Seconds West 117.5 feet
thence South 45 Degrees 25 Minutes 33 Seconds West 119.9 feet
thence South 42 Degrees 04 Minutes 53 Seconds West 100 feet
thence South 47 Degrees 05 Minutes 51 Seconds West 109.2 feet
thence South 43 Degrees 58 Minutes 12 Seconds West 107.8 feet
thence South 34 Degrees 01 Minutes 59 Seconds West 109.3 feet more or less to **the ending**

point at: 38 degrees 59 minutes 39.86 seconds North Latitude and -109 degrees 20 minutes 015.5 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,254,966.6 feet and Y = 6,809,886.0 feet.

Appendix D to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 013

Road-Segment Length: 0.11 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 21 South Range 23 East, Section(s) 2, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 013 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 00 minutes 33.72 seconds North Latitude and -109 degrees 21 minutes 02.01 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,251,164.6 feet and Y = 6,815,245.0 feet; thence the following courses along the said road center line:

thence North 12 Degrees 25 Minutes 59 Seconds West 82.2 feet

thence North 03 Degrees 09 Minutes 36 Seconds West 92 feet

thence North 01 Degrees 20 Minutes 36 Seconds West 93.5 feet

thence North 01 Degrees 40 Minutes 51 Seconds West 105 feet

thence North 01 Degrees 48 Minutes 30 Seconds West 87 feet

thence North 00 Degrees 52 Minutes 10 Seconds West 67.3 feet

thence North 12 Degrees 13 Minutes 30 Seconds East 47.1 feet

thence North 29 Degrees 36 Minutes 12 Seconds East 28.4 feet more or less to **the ending**

point at: 39 degrees 00 minutes 039.6 seconds North Latitude and -109 degrees 21 minutes 01.92 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,251,156.8 feet and Y = 6,815,840.5 feet.

Appendix E to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 015

Road-Segment Length: 0.07 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 015 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 00 minutes 034.6 seconds North Latitude and -109 degrees 19 minutes 55.34 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,423.1 feet and Y = 6,815,461.5 feet; thence the following courses along the said road center line:

thence North 89 Degrees 39 Minutes 40 Seconds East 135.2 feet

thence North 89 Degrees 00 Minutes 10 Seconds East 142.7 feet

thence South 77 Degrees 45 Minutes 35 Seconds East 97.9 feet more or less to **the ending**

point at: 39 degrees 00 minutes 34.34 seconds North Latitude and -109 degrees 19 minutes 50.62 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,796.8 feet and Y = 6,815,444.0 feet.

Appendix F to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 016

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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 016 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 00 minutes 34.34 seconds North Latitude and -109 degrees 19 minutes 50.62 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,796.8 feet and Y = 6,815,444.0 feet; thence the following courses along the said road center line:

thence South 31 Degrees 59 Minutes 12 Seconds East 84.8 feet

thence South 03 Degrees 11 Minutes 07 Seconds West 103.6 feet

thence South 03 Degrees 34 Minutes 47 Seconds West 65.8 feet more or less to **the ending**

point at: 39 degrees 00 minutes 31.95 seconds North Latitude and -109 degrees 19 minutes 50.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,831.8 feet and Y = 6,815,203.0 feet.

Appendix G to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 017

Road-Segment Length: 0.54 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 017 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 00 minutes 31.95 seconds North Latitude and -109 degrees 19 minutes 50.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,831.8 feet and Y = 6,815,203.0 feet; thence the following courses along the said road center line:

thence South 13 Degrees 41 Minutes 51 Seconds West 47.4 feet
thence South 05 Degrees 02 Minutes 07 Seconds West 133.5 feet
thence South 24 Degrees 17 Minutes 05 Seconds West 129.9 feet
thence South 14 Degrees 55 Minutes 43 Seconds West 120.7 feet
thence South 08 Degrees 38 Minutes 37 Seconds East 127.7 feet
thence South 18 Degrees 07 Minutes 27 Seconds East 130.9 feet
thence South 20 Degrees 53 Minutes 53 Seconds East 127.9 feet
thence South 51 Degrees 33 Minutes 34 Seconds East 123.1 feet
thence South 46 Degrees 58 Minutes 31 Seconds East 121.9 feet
thence South 18 Degrees 25 Minutes 45 Seconds East 129.4 feet
thence South 00 Degrees 15 Minutes 14 Seconds East 132.9 feet

thence South 09 Degrees 11 Minutes 13 Seconds West 136.4 feet
thence South 07 Degrees 02 Minutes 03 Seconds West 137.3 feet
thence South 07 Degrees 25 Minutes 44 Seconds West 129.2 feet
thence South 06 Degrees 57 Minutes 29 Seconds West 127.4 feet
thence South 02 Degrees 50 Minutes 27 Seconds West 118.3 feet
thence South 14 Degrees 59 Minutes 25 Seconds West 115.7 feet
thence South 21 Degrees 45 Minutes 42 Seconds West 99.2 feet
thence South 18 Degrees 33 Minutes 50 Seconds West 199.4 feet
thence South 38 Degrees 12 Minutes 03 Seconds West 73.4 feet
thence South 36 Degrees 55 Minutes 02 Seconds West 70.1 feet
thence South 40 Degrees 40 Minutes 38 Seconds West 102.2 feet
thence South 59 Degrees 32 Minutes 49 Seconds West 111.2 feet
thence North 71 Degrees 45 Minutes 06 Seconds West 97.8 feet
thence North 51 Degrees 54 Minutes 56 Seconds West 9.9 feet more or less to **the ending point**

at: 39 degrees 00 minutes 07.85 seconds North Latitude and -109 degrees 19 minutes 55.21 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,499.5 feet and Y = 6,812,756.1 feet.

Appendix H to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 019

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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 019 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 00 minutes 31.95 seconds North Latitude and -109 degrees 19 minutes 50.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,831.8 feet and Y = 6,815,203.0 feet; thence the following courses along the said road center line:

thence North 19 Degrees 16 Minutes 37 Seconds East 106.2 feet

thence North 44 Degrees 00 Minutes 44 Seconds East 114.7 feet

thence North 72 Degrees 21 Minutes 08 Seconds East 99.3 feet more or less to **the ending**

point at: 39 degrees 00 minutes 34 seconds North Latitude and -109 degrees 19 minutes 47.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,257,041.2 feet and Y = 6,815,415.9 feet.

Appendix I to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 020

Road-Segment Length: 0.36 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 020 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 00 minutes 34 seconds North Latitude and -109 degrees 19 minutes 47.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,257,041.2 feet and Y = 6,815,415.9 feet; thence the following courses along the said road center line:

thence North 67 Degrees 17 Minutes 34 Seconds East	8.6 feet
thence South 73 Degrees 25 Minutes 55 Seconds East	124.1 feet
thence South 74 Degrees 03 Minutes 34 Seconds East	134.6 feet
thence South 82 Degrees 40 Minutes 48 Seconds East	147.7 feet
thence North 83 Degrees 33 Minutes 47 Seconds East	123.6 feet
thence North 37 Degrees 05 Minutes 12 Seconds East	117.8 feet
thence North 37 Degrees 22 Minutes 23 Seconds East	122.4 feet
thence North 51 Degrees 24 Minutes 27 Seconds East	127.2 feet
thence North 66 Degrees 53 Minutes 57 Seconds East	127.2 feet
thence North 70 Degrees 23 Minutes 20 Seconds East	124.3 feet
thence North 87 Degrees 37 Minutes 19 Seconds East	138.3 feet

thence South 52 Degrees 58 Minutes 21 Seconds East 118.9 feet

thence South 33 Degrees 28 Minutes 16 Seconds East 123.4 feet

thence South 40 Degrees 35 Minutes 59 Seconds East 124.7 feet

thence South 42 Degrees 08 Minutes 34 Seconds East 114.4 feet

thence South 33 Degrees 04 Minutes 26 Seconds East 109.2 feet more or less to **the ending**

point at: 39 degrees 00 minutes 32.14 seconds North Latitude and -109 degrees 19 minutes 28.28 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,564.4 feet and Y = 6,815,264.1 feet.

Appendix J to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 021

Road-Segment Length: 0.08 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 021 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 00 minutes 32.14 seconds North Latitude and -109 degrees 19 minutes 28.28 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,564.4 feet and Y = 6,815,264.1 feet; thence the following courses along the said road center line:

thence South 05 Degrees 25 Minutes 33 Seconds West 103.9 feet

thence South 07 Degrees 49 Minutes 31 Seconds West 124.3 feet

thence South 21 Degrees 43 Minutes 01 Seconds West 109.8 feet

thence South 42 Degrees 08 Minutes 26 Seconds West 82.3 feet more or less to **the ending**

point at: 39 degrees 00 minutes 28.32 seconds North Latitude and -109 degrees 19 minutes 29.96 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,441.8 feet and Y = 6,814,874.6 feet.

Appendix K to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 022

Road-Segment Length: 0.29 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 022 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 00 minutes 28.32 seconds North Latitude and -109 degrees 19 minutes 29.96 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,441.8 feet and Y = 6,814,874.6 feet; thence the following courses along the said road center line:

thence South 36 Degrees 24 Minutes 31 Seconds West 6.1 feet
thence South 44 Degrees 25 Minutes 52 Seconds West 34.7 feet
thence South 39 Degrees 08 Minutes 50 Seconds West 129.7 feet
thence South 61 Degrees 57 Minutes 17 Seconds West 134.1 feet
thence South 52 Degrees 42 Minutes 16 Seconds West 125.5 feet
thence South 10 Degrees 41 Minutes 30 Seconds West 125.4 feet
thence South 09 Degrees 27 Minutes 20 Seconds West 126.5 feet
thence South 15 Degrees 00 Minutes 28 Seconds West 122.5 feet
thence South 23 Degrees 31 Minutes 27 Seconds West 136.3 feet
thence South 08 Degrees 40 Minutes 33 Seconds West 122.9 feet
thence South 13 Degrees 54 Minutes 33 Seconds East 97.9 feet

thence South 31 Degrees 12 Minutes 39 Seconds East 87.9 feet
thence South 59 Degrees 42 Minutes 45 Seconds East 112.7 feet
thence South 74 Degrees 35 Minutes 28 Seconds East 114.9 feet
thence South 52 Degrees 06 Minutes 47 Seconds East 66.3 feet more or less to **the ending**
point at: 39 degrees 00 minutes 16.69 seconds North Latitude and -109 degrees 19 minutes 32.19 seconds
West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet
coordinates of X = 2,258,294.6 feet and Y = 6,813,694.1 feet.

Appendix L to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 023

Road-Segment Length: 0.07 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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 023 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 00 minutes 28.32 seconds North Latitude and -109 degrees 19 minutes 29.96 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,441.8 feet and Y = 6,814,874.6 feet; thence the following courses along the said road center line:

thence North 57 Degrees 47 Minutes 09 Seconds East 115 feet

thence North 69 Degrees 55 Minutes 41 Seconds East 111.8 feet

thence North 65 Degrees 31 Minutes 33 Seconds East 108.3 feet

thence North 69 Degrees 51 Minutes 44 Seconds East 43.6 feet more or less to **the ending**

point at: 39 degrees 00 minutes 29.81 seconds North Latitude and -109 degrees 19 minutes 25.58 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,783.6 feet and Y = 6,815,034.1 feet.

Appendix M to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 024

Road-Segment Length: 0.57 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 21 South Range 23 East, Section(s) 1,12, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 024 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 00 minutes 29.81 seconds North Latitude and -109 degrees 19 minutes 25.58 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,783.6 feet and Y = 6,815,034.1 feet; thence the following courses along the said road center line:

thence South 60 Degrees 37 Minutes 52 Seconds East 162.2 feet
thence South 65 Degrees 07 Minutes 38 Seconds East 19.3 feet
thence South 73 Degrees 38 Minutes 22 Seconds East 17.1 feet
thence South 70 Degrees 08 Minutes 40 Seconds East 76 feet
thence South 49 Degrees 58 Minutes 31 Seconds East 116.5 feet
thence South 36 Degrees 12 Minutes 06 Seconds East 139.7 feet
thence South 01 Degrees 48 Minutes 27 Seconds East 64 feet
thence South 01 Degrees 42 Minutes 09 Seconds East 34.5 feet
thence South 06 Degrees 28 Minutes 46 Seconds West 153.7 feet
thence South 07 Degrees 34 Minutes 52 Seconds East 186.9 feet
thence South 10 Degrees 33 Minutes 58 Seconds West 182.1 feet

thence South 09 Degrees 01 Minutes 53 Seconds East 149.4 feet
thence South 27 Degrees 08 Minutes 49 Seconds East 172.8 feet
thence South 21 Degrees 24 Minutes 58 Seconds East 168.8 feet
thence South 15 Degrees 33 Minutes 30 Seconds West 177.4 feet
thence South 08 Degrees 02 Minutes 32 Seconds West 149.3 feet
thence South 21 Degrees 43 Minutes 21 Seconds East 146.2 feet
thence South 24 Degrees 11 Minutes 56 Seconds East 139.9 feet
thence South 24 Degrees 51 Minutes 30 Seconds East 102.8 feet
thence South 44 Degrees 09 Minutes 08 Seconds East 77.3 feet
thence South 72 Degrees 18 Minutes 16 Seconds East 37.1 feet
thence South 82 Degrees 57 Minutes 29 Seconds East 102.2 feet
thence South 69 Degrees 02 Minutes 47 Seconds East 76.8 feet
thence South 04 Degrees 54 Minutes 46 Seconds East 18.1 feet
thence South 04 Degrees 44 Minutes 15 Seconds East 42.8 feet
thence South 12 Degrees 06 Minutes 32 Seconds West 136.1 feet
thence South 21 Degrees 15 Minutes 39 Seconds West 103.9 feet
thence South 21 Degrees 15 Minutes 54 Seconds West 53.1 feet
thence South 30 Degrees 54 Minutes 18 Seconds West 26.4 feet more or less to **the ending**

point at: 39 degrees 00 minutes 04.67 seconds North Latitude and -109 degrees 19 minutes 16.05 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,259,597.6 feet and Y = 6,812,509.3 feet.

Appendix N to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 026

Road-Segment Length: 0.78 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 20 South Range 23 East, Section(s) 36, Salt Lake Base & Meridian

Township 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 026 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 00 minutes 29.81 seconds North Latitude and -109 degrees 19 minutes 25.58 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,783.6 feet and Y = 6,815,034.1 feet; thence the following courses along the said road center line:

thence North 69 Degrees 19 Minutes 35 Seconds East 56.7 feet
thence North 50 Degrees 38 Minutes 14 Seconds East 101.6 feet
thence North 36 Degrees 46 Minutes 37 Seconds East 113.2 feet
thence North 49 Degrees 06 Minutes 03 Seconds East 138.8 feet
thence North 38 Degrees 07 Minutes 51 Seconds East 146.7 feet
thence North 48 Degrees 27 Minutes 17 Seconds East 146.9 feet
thence North 50 Degrees 07 Minutes 57 Seconds East 152.1 feet
thence North 43 Degrees 50 Minutes 33 Seconds East 162.4 feet
thence North 43 Degrees 16 Minutes 30 Seconds East 156.4 feet
thence North 43 Degrees 41 Minutes 04 Seconds East 162 feet

thence North 43 Degrees 55 Minutes 46 Seconds East 158.1 feet
 thence North 42 Degrees 26 Minutes 29 Seconds East 149.8 feet
 thence North 43 Degrees 12 Minutes 48 Seconds East 97.3 feet
 thence North 41 Degrees 52 Minutes 04 Seconds East 50.9 feet
 thence North 38 Degrees 43 Minutes 55 Seconds East 150 feet
 thence North 37 Degrees 46 Minutes 43 Seconds East 127.2 feet
 thence North 38 Degrees 05 Minutes 14 Seconds East 6.3 feet
 thence North 38 Degrees 21 Minutes 35 Seconds East 113.5 feet
 thence North 38 Degrees 42 Minutes 59 Seconds East 137.3 feet
 thence North 56 Degrees 03 Minutes 20 Seconds East 74.1 feet
 thence North 53 Degrees 38 Minutes 01 Seconds East 44.6 feet
 thence North 51 Degrees 27 Minutes 45 Seconds East 127.3 feet
 thence North 41 Degrees 49 Minutes 11 Seconds East 154.9 feet
 thence North 41 Degrees 43 Minutes 39 Seconds East 141.4 feet
 thence North 30 Degrees 57 Minutes 08 Seconds East 113.3 feet
 thence North 55 Degrees 55 Minutes 18 Seconds East 127 feet
 thence North 42 Degrees 24 Minutes 28 Seconds East 125.1 feet
 thence North 34 Degrees 14 Minutes 33 Seconds East 127.5 feet
 thence North 31 Degrees 48 Minutes 48 Seconds East 135.6 feet
 thence North 47 Degrees 57 Minutes 26 Seconds East 111 feet
 thence North 60 Degrees 41 Minutes 04 Seconds East 128.7 feet
 thence North 51 Degrees 53 Minutes 10 Seconds East 150 feet
 thence North 41 Degrees 18 Minutes 10 Seconds East 153.7 feet
 thence North 53 Degrees 14 Minutes 31 Seconds East 9.2 feet
 thence North 53 Degrees 15 Minutes 27 Seconds East 78.2 feet more or less to **the ending**

point at: 39 degrees 00 minutes 58.01 seconds North Latitude and -109 degrees 18 minutes 48.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,261,649.8 feet and Y = 6,817,957.7 feet.

Appendix O to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 028

Road-Segment Length: 0.19 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 20 South Range 24 East, Section(s) 31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 028 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 00 minutes 58.42 seconds North Latitude and -109 degrees 18 minutes 47.74 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,261,699.3 feet and Y = 6,818,000.3 feet; thence the following courses along the said road center line:

thence North 42 Degrees 43 Minutes 22 Seconds East 35 feet

thence North 41 Degrees 25 Minutes 53 Seconds East 90.2 feet

thence North 37 Degrees 53 Minutes 15 Seconds East 152.5 feet

thence North 39 Degrees 30 Minutes 06 Seconds East 151.7 feet

thence North 40 Degrees 39 Minutes 31 Seconds East 136.9 feet

thence North 22 Degrees 15 Minutes 15 Seconds East 119.1 feet

thence North 58 Degrees 10 Minutes 08 Seconds East 106.8 feet

thence North 51 Degrees 48 Minutes 36 Seconds East 117.6 feet

thence North 47 Degrees 40 Minutes 56 Seconds East 68.7 feet more or less to **the ending**

point at: 39 degrees 01 minutes 05.38 seconds North Latitude and -109 degrees 18 minutes 39.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 2,262,341.1 feet and Y = 6,818,720.4 feet.

Appendix P to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 029

Road-Segment Length: 0.59 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 20 South Range 24 East, Section(s) 31, Salt Lake Base & Meridian

Township 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

Township 21 South Range 24 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 029 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 01 minutes 05.38 seconds North Latitude and -109 degrees 18 minutes 39.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,262,341.1 feet and Y = 6,818,720.4 feet; thence the following courses along the said road center line:

thence South 55 Degrees 57 Minutes 30 Seconds East 37.8 feet
thence South 46 Degrees 24 Minutes 42 Seconds East 78 feet
thence South 58 Degrees 04 Minutes 56 Seconds East 95.3 feet
thence South 58 Degrees 47 Minutes 00 Seconds East 112.9 feet
thence South 44 Degrees 05 Minutes 52 Seconds East 113.6 feet
thence South 09 Degrees 50 Minutes 34 Seconds East 103.1 feet
thence South 10 Degrees 37 Minutes 41 Seconds East 21.7 feet
thence South 17 Degrees 34 Minutes 08 Seconds East 128.8 feet
thence South 10 Degrees 51 Minutes 49 Seconds East 126.8 feet

thence South 22 Degrees 47 Minutes 01 Seconds West 107 feet
thence South 23 Degrees 27 Minutes 40 Seconds West 34.1 feet
thence South 38 Degrees 48 Minutes 31 Seconds West 18.7 feet
thence South 38 Degrees 49 Minutes 22 Seconds West 125.2 feet
thence South 45 Degrees 49 Minutes 23 Seconds West 135 feet
thence South 45 Degrees 55 Minutes 09 Seconds West 125.8 feet
thence South 46 Degrees 32 Minutes 01 Seconds West 120 feet
thence South 49 Degrees 28 Minutes 30 Seconds West 129.7 feet
thence South 58 Degrees 22 Minutes 49 Seconds West 148.5 feet
thence South 51 Degrees 03 Minutes 22 Seconds West 139.4 feet
thence South 34 Degrees 02 Minutes 00 Seconds West 139.1 feet
thence South 33 Degrees 28 Minutes 01 Seconds West 144.1 feet
thence South 47 Degrees 08 Minutes 09 Seconds West 140.8 feet
thence South 50 Degrees 36 Minutes 53 Seconds West 36.5 feet
thence South 52 Degrees 41 Minutes 33 Seconds West 64.8 feet
thence South 52 Degrees 39 Minutes 27 Seconds West 22.5 feet
thence South 22 Degrees 59 Minutes 33 Seconds West 94.7 feet
thence South 31 Degrees 55 Minutes 03 Seconds East 94.4 feet
thence North 78 Degrees 21 Minutes 04 Seconds East 9.4 feet
thence North 78 Degrees 18 Minutes 22 Seconds East 49 feet
thence North 76 Degrees 05 Minutes 26 Seconds East 48.9 feet
thence North 75 Degrees 23 Minutes 43 Seconds East 113.2 feet
thence North 70 Degrees 35 Minutes 41 Seconds East 105.5 feet
thence North 47 Degrees 50 Minutes 39 Seconds East 88.6 feet
thence North 49 Degrees 56 Minutes 32 Seconds East 69.3 feet
thence North 65 Degrees 20 Minutes 50 Seconds East 12 feet more or less to **the ending point**

at: 39 degrees 00 minutes 47.94 seconds North Latitude and -109 degrees 18 minutes 042.8 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,262,114.9 feet and Y = 6,816,950.4 feet.

Appendix Q to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 030

Road-Segment Length: 1.2 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 20 South Range 24 East, Section(s) 31,32, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 030 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 01 minutes 05.38 seconds North Latitude and -109 degrees 18 minutes 39.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,262,341.1 feet and Y = 6,818,720.4 feet; thence the following courses along the said road center line:

thence North 43 Degrees 27 Minutes 32 Seconds East	40.9 feet
thence North 43 Degrees 02 Minutes 19 Seconds East	128.7 feet
thence North 42 Degrees 11 Minutes 55 Seconds East	144.7 feet
thence North 41 Degrees 21 Minutes 40 Seconds East	136.2 feet
thence North 42 Degrees 27 Minutes 32 Seconds East	143.1 feet
thence North 42 Degrees 24 Minutes 46 Seconds East	140.8 feet
thence North 43 Degrees 01 Minutes 11 Seconds East	126.4 feet
thence North 43 Degrees 47 Minutes 19 Seconds East	105.1 feet
thence North 42 Degrees 02 Minutes 49 Seconds East	66.6 feet
thence North 45 Degrees 09 Minutes 06 Seconds East	51.5 feet
thence North 43 Degrees 13 Minutes 33 Seconds East	81.5 feet

thence North 44 Degrees 52 Minutes 02 Seconds East 83.8 feet
 thence North 45 Degrees 20 Minutes 26 Seconds East 23.5 feet
 thence North 46 Degrees 25 Minutes 10 Seconds East 14.4 feet
 thence North 46 Degrees 17 Minutes 45 Seconds East 76.5 feet
 thence North 43 Degrees 01 Minutes 51 Seconds East 97 feet
 thence North 42 Degrees 36 Minutes 16 Seconds East 100.9 feet
 thence North 42 Degrees 41 Minutes 54 Seconds East 114.5 feet
 thence North 42 Degrees 46 Minutes 34 Seconds East 132.6 feet
 thence North 42 Degrees 48 Minutes 58 Seconds East 130.4 feet
 thence North 43 Degrees 15 Minutes 09 Seconds East 147.2 feet
 thence North 44 Degrees 01 Minutes 36 Seconds East 144.6 feet
 thence North 43 Degrees 17 Minutes 57 Seconds East 140.6 feet
 thence North 40 Degrees 20 Minutes 10 Seconds East 138.4 feet
 thence North 42 Degrees 43 Minutes 07 Seconds East 128 feet
 thence North 43 Degrees 35 Minutes 52 Seconds East 141.3 feet
 thence North 41 Degrees 57 Minutes 31 Seconds East 144.2 feet
 thence North 42 Degrees 51 Minutes 09 Seconds East 110.3 feet
 thence North 50 Degrees 55 Minutes 36 Seconds East 7.9 feet
 thence North 46 Degrees 48 Minutes 01 Seconds East 120.6 feet
 thence North 42 Degrees 58 Minutes 30 Seconds East 128.5 feet
 thence North 44 Degrees 31 Minutes 43 Seconds East 120.4 feet
 thence North 43 Degrees 40 Minutes 30 Seconds East 118.6 feet
 thence North 35 Degrees 42 Minutes 38 Seconds East 113.6 feet
 thence North 21 Degrees 28 Minutes 25 Seconds East 157.3 feet
 thence North 19 Degrees 01 Minutes 20 Seconds East 137.4 feet
 thence North 21 Degrees 44 Minutes 12 Seconds East 159.3 feet
 thence North 30 Degrees 32 Minutes 26 Seconds East 133.8 feet
 thence North 36 Degrees 01 Minutes 09 Seconds East 126.3 feet
 thence North 36 Degrees 56 Minutes 59 Seconds East 111.4 feet
 thence North 54 Degrees 42 Minutes 48 Seconds East 31.5 feet
 thence North 57 Degrees 02 Minutes 31 Seconds East 73 feet
 thence North 71 Degrees 53 Minutes 02 Seconds East 96.7 feet
 thence North 67 Degrees 45 Minutes 58 Seconds East 96.8 feet
 thence North 68 Degrees 53 Minutes 02 Seconds East 106.4 feet
 thence North 80 Degrees 23 Minutes 19 Seconds East 122.2 feet
 thence North 89 Degrees 39 Minutes 41 Seconds East 5.5 feet
 thence North 88 Degrees 44 Minutes 01 Seconds East 101.3 feet
 thence South 49 Degrees 11 Minutes 31 Seconds East 112.2 feet
 thence South 45 Degrees 11 Minutes 51 Seconds East 122.7 feet
 thence South 52 Degrees 37 Minutes 51 Seconds East 115.3 feet
 thence South 69 Degrees 18 Minutes 04 Seconds East 137.1 feet
 thence South 87 Degrees 35 Minutes 17 Seconds East 136.8 feet
 thence North 77 Degrees 06 Minutes 48 Seconds East 128.4 feet
 thence North 56 Degrees 51 Minutes 17 Seconds East 139.3 feet
 thence North 58 Degrees 14 Minutes 38 Seconds East 132.2 feet
 thence North 87 Degrees 46 Minutes 47 Seconds East 99.9 feet
 thence South 36 Degrees 26 Minutes 42 Seconds East 99.5 feet
 thence South 56 Degrees 14 Minutes 50 Seconds East 6.5 feet
 thence South 56 Degrees 23 Minutes 19 Seconds East 14 feet more or less to **the ending point**

at: 39 degrees 01 minutes 37.73 seconds North Latitude and -109 degrees 17 minutes 41.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,266,845.9 feet and Y = 6,822,105.5 feet.

Appendix R to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 032

Road-Segment Length: 0.59 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 20 South Range 24 East, Section(s) 29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 032 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 01 minutes 050.3 seconds North Latitude and -109 degrees 17 minutes 38.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,267,068.8 feet and Y = 6,823,383.2 feet; thence the following courses along the said road center line:

thence North 11 Degrees 53 Minutes 46 Seconds East 31.9 feet
thence North 22 Degrees 30 Minutes 13 Seconds East 115.7 feet
thence North 30 Degrees 32 Minutes 41 Seconds East 80.3 feet
thence North 31 Degrees 25 Minutes 00 Seconds East 36.7 feet
thence North 29 Degrees 56 Minutes 15 Seconds East 110.2 feet
thence North 29 Degrees 55 Minutes 04 Seconds East 11.4 feet
thence North 17 Degrees 09 Minutes 22 Seconds East 129 feet
thence North 05 Degrees 41 Minutes 51 Seconds West 138.4 feet
thence North 11 Degrees 00 Minutes 11 Seconds West 128.5 feet
thence North 07 Degrees 54 Minutes 47 Seconds West 155.6 feet
thence North 04 Degrees 35 Minutes 13 Seconds West 149.7 feet

thence North 11 Degrees 49 Minutes 04 Seconds West 174.1 feet
thence North 10 Degrees 11 Minutes 03 Seconds West 149.9 feet
thence North 04 Degrees 46 Minutes 53 Seconds West 143.2 feet
thence North 02 Degrees 21 Minutes 28 Seconds East 152.7 feet
thence North 10 Degrees 46 Minutes 15 Seconds East 128.7 feet
thence North 29 Degrees 40 Minutes 27 Seconds East 64.4 feet
thence North 30 Degrees 47 Minutes 47 Seconds East 103.5 feet
thence North 53 Degrees 10 Minutes 11 Seconds East 135.2 feet
thence North 34 Degrees 31 Minutes 38 Seconds East 122 feet
thence North 18 Degrees 28 Minutes 19 Seconds West 27.6 feet
thence North 19 Degrees 27 Minutes 29 Seconds West 99 feet
thence North 19 Degrees 04 Minutes 09 Seconds West 150.7 feet
thence North 13 Degrees 05 Minutes 07 Seconds West 151.4 feet
thence North 14 Degrees 04 Minutes 28 Seconds West 152 feet
thence North 13 Degrees 03 Minutes 07 Seconds West 137.9 feet
thence North 07 Degrees 44 Minutes 14 Seconds East 122.6 feet more or less to **the ending**

point at: 39 degrees 02 minutes 19.04 seconds North Latitude and -109 degrees 17 minutes 34.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,267,248.3 feet and Y = 6,826,296.4 feet.

Appendix S to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 033

Road-Segment Length: 0.13 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 20 South Range 24 East, Section(s) 29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 033 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 02 minutes 19.04 seconds North Latitude and -109 degrees 17 minutes 34.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,267,248.3 feet and Y = 6,826,296.4 feet; thence the following courses along the said road center line:

thence North 07 Degrees 47 Minutes 30 Seconds East 11.6 feet

thence North 28 Degrees 52 Minutes 54 Seconds East 114.7 feet

thence North 28 Degrees 38 Minutes 57 Seconds East 125.7 feet

thence North 27 Degrees 25 Minutes 04 Seconds East 124.2 feet

thence North 23 Degrees 14 Minutes 35 Seconds East 112.8 feet

thence North 30 Degrees 11 Minutes 36 Seconds East 182.9 feet more or less to **the ending**

point at: 39 degrees 02 minutes 24.84 seconds North Latitude and -109 degrees 17 minutes 30.73 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,267,559.2 feet and Y = 6,826,890.5 feet.

Appendix T to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 034

Road-Segment Length: 0.18 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 20 South Range 24 East, Section(s) 29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 034 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 02 minutes 19.04 seconds North Latitude and -109 degrees 17 minutes 34.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,267,248.3 feet and Y = 6,826,296.4 feet; thence the following courses along the said road center line:

thence North 18 Degrees 04 Minutes 25 Seconds West 194.6 feet

thence North 19 Degrees 14 Minutes 11 Seconds West 133.5 feet

thence North 19 Degrees 04 Minutes 27 Seconds West 126.5 feet

thence North 19 Degrees 30 Minutes 37 Seconds West 135.5 feet

thence North 20 Degrees 39 Minutes 41 Seconds West 141.7 feet

thence North 17 Degrees 00 Minutes 28 Seconds West 121.6 feet

thence North 18 Degrees 46 Minutes 23 Seconds West 98.6 feet

thence North 19 Degrees 47 Minutes 54 Seconds West 10.4 feet more or less to **the ending**

point at: 39 degrees 02 minutes 28.12 seconds North Latitude and -109 degrees 17 minutes 38.52 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,266,936.5 feet and Y = 6,827,206.8 feet.

Appendix U to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 035

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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 035 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 00 minutes 29.81 seconds North Latitude and -109 degrees 19 minutes 25.58 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,783.6 feet and Y = 6,815,034.1 feet; thence the following courses along the said road center line:

thence North 56 Degrees 38 Minutes 55 Seconds West 11.8 feet

thence North 58 Degrees 15 Minutes 21 Seconds West 154.4 feet

thence North 28 Degrees 43 Minutes 04 Seconds West 162.2 feet more or less to **the ending**

point at: 39 degrees 00 minutes 32.14 seconds North Latitude and -109 degrees 19 minutes 28.28 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,258,564.4 feet and Y = 6,815,264.1 feet.

Appendix V to Attachment 4

Popular Name: BROADHEAD WELL ROAD

County: Grand

County Road Number: 00258

State Geographic Information Database (SGID) Road Identification Number: RD100208.

Road-Segment Number: 036

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 21 South Range 23 East, Section(s) 1, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BROADHEAD WELL ROAD)-- Segment 036 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 00 minutes 34 seconds North Latitude and -109 degrees 19 minutes 47.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,257,041.2 feet and Y = 6,815,415.9 feet; thence the following courses along the said road center line:

thence North 80 Degrees 35 Minutes 21 Seconds West 87.2 feet

thence North 85 Degrees 45 Minutes 53 Seconds West 61.7 feet

thence North 84 Degrees 31 Minutes 55 Seconds West 97.3 feet more or less to **the ending**

point at: 39 degrees 00 minutes 34.34 seconds North Latitude and -109 degrees 19 minutes 50.62 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,256,796.8 feet and Y = 6,815,444.0 feet.