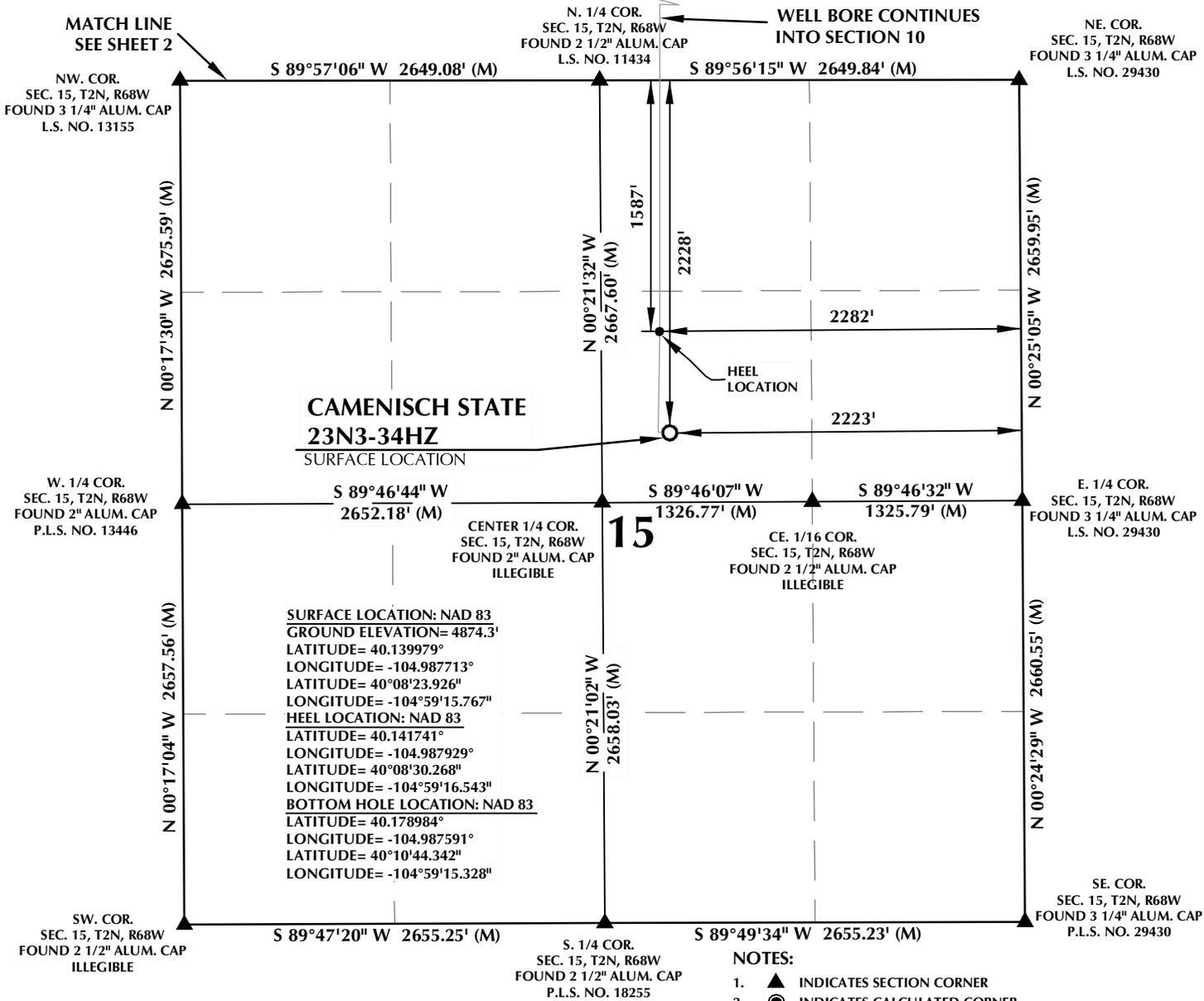


# T2N, R68W

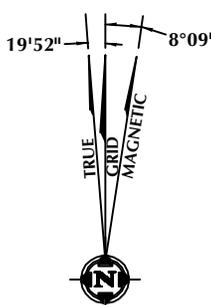


**CAMENISCH STATE**  
**23N3-34HZ**  
 SURFACE LOCATION

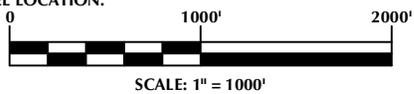
**15**

**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4874.3'  
 LATITUDE= 40.139979°  
 LONGITUDE= -104.987713°  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.141741°  
 LONGITUDE= -104.987929°  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.178984°  
 LONGITUDE= -104.987591°  
 LONGITUDE= -104°59'15.328"

- NOTES:**
- ▲ INDICATES SECTION CORNER
  - INDICATES CALCULATED CORNER
  - ELEVATION BASED ON NAVD88 (GEOID09)
  - BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
  - ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
  - OPERATOR: ROB WILSON / PDOP = 1.5
  - SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
  - WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
  - THE BOTTOM OF HOLE BEARS N00°04'03"E, 13567' FROM THE HEEL LOCATION.



**NOTE:**  
 MAGNETIC NORTH IS CURRENT AS OF 9/10/2015.  
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



**CERTIFICATE OF SURVEYOR:**

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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 18512

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**WELL PAD - CAMENISCH 36N-22HZ**

CAMENISCH STATE 23N3-34HZ  
 WELL LOCATION CERTIFICATE  
 2228' FNL & 2223' FEL SWNE (SURFACE)  
 1587' FNL & 2282' FEL SWNE (HEEL)  
 LOCATED IN SECTION 15  
 T2N, R68W, 6TH P.M.  
 1470' FSL & 2254' FEL NWSE (BOTTOM)  
 LOCATED IN SECTION 34  
 T3N, R68W, 6TH P.M.  
 WELD COUNTY, COLORADO

**Kerr-McGee Oil & Gas Onshore L.P.**  
 1099 18th Street  
 Denver, Colorado 80202



**CONSULTING, LLC**

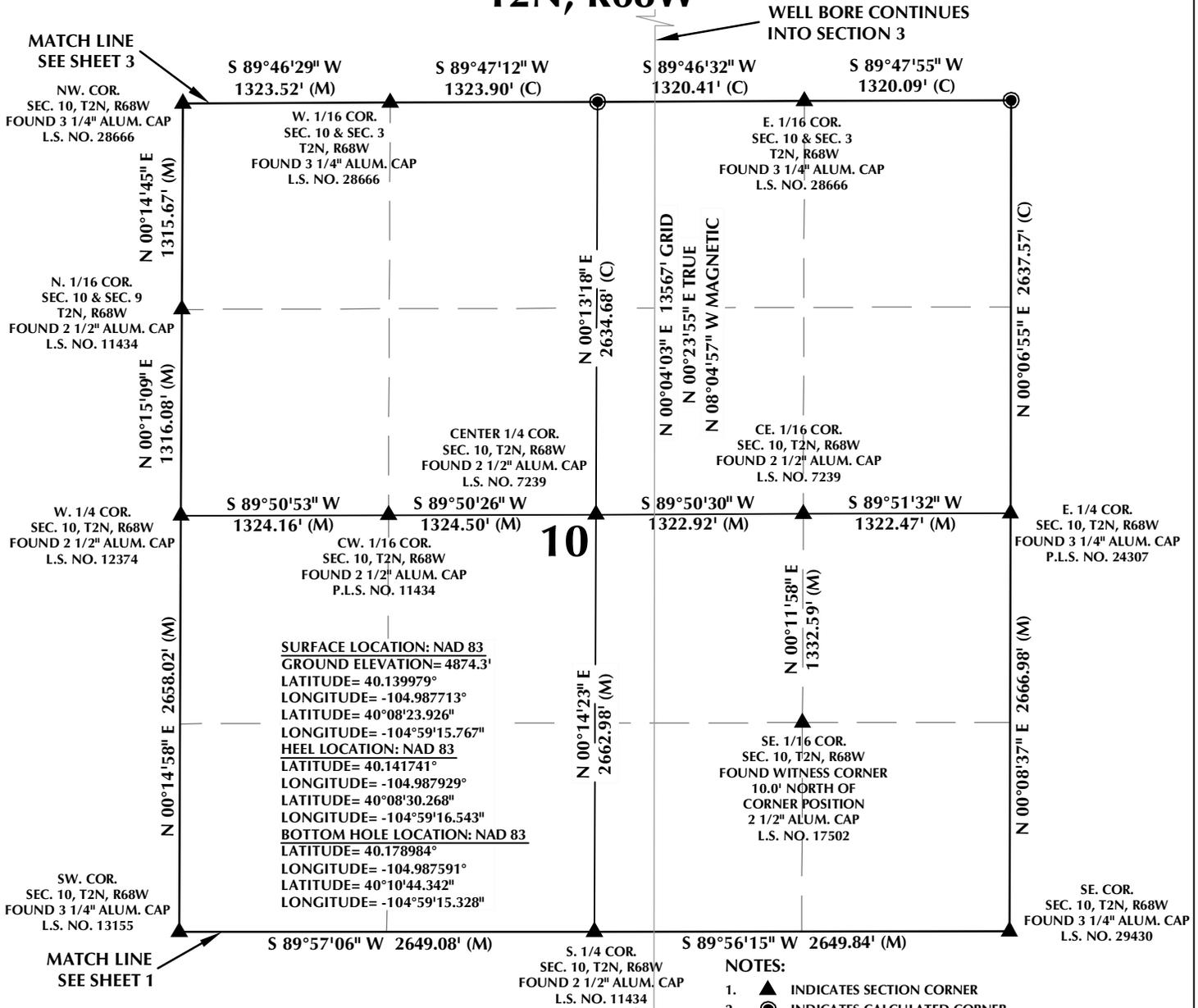
**SHERIDAN OFFICE**  
 1095 Saberton Avenue  
 Sheridan, Wyoming 82801  
 Phone 307-674-0609

**LOVELAND OFFICE**  
 1635 Foxtrail Drive, Suite 204  
 Loveland, Colorado 80538  
 Phone 970-776-4331

DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>1</b> 1 OF 4
DATE DRAFTED: 9/28/15	DATE SURVEYED: 7/15/15	
REVISED: 10/17/16	FILE NAME: 15-23	

K:\ADARKO\2015\15-23\_CAMENISCH\_SEC.15\_T2N\_R68W\PLATS\CAMENISCH\_36N-22HZ.dwg, 10/17/2016 2:57:16 PM, lrb

# T2N, R68W

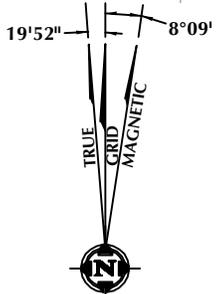


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**NOTE:**  
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## NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
- OPERATOR: ROB WILSON / PDOP = 1.5
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°04'03"E, 13567' FROM THE HEEL LOCATION.

## WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N3-34HZ  
 WELL LOCATION CERTIFICATE  
 2228' FNL & 2223' FEL SWNE (SURFACE)  
 1587' FNL & 2282' FEL SWNE (HEEL)  
 LOCATED IN SECTION 15  
 T2N, R68W, 6TH P.M.  
 1470' FSL & 2254' FEL NWSE (BOTTOM)  
 LOCATED IN SECTION 34  
 T3N, R68W, 6TH P.M.  
 WELD COUNTY, COLORADO

**Kerr-McGee Oil & Gas Onshore L.P.**  
 1099 18th Street  
 Denver, Colorado 80202

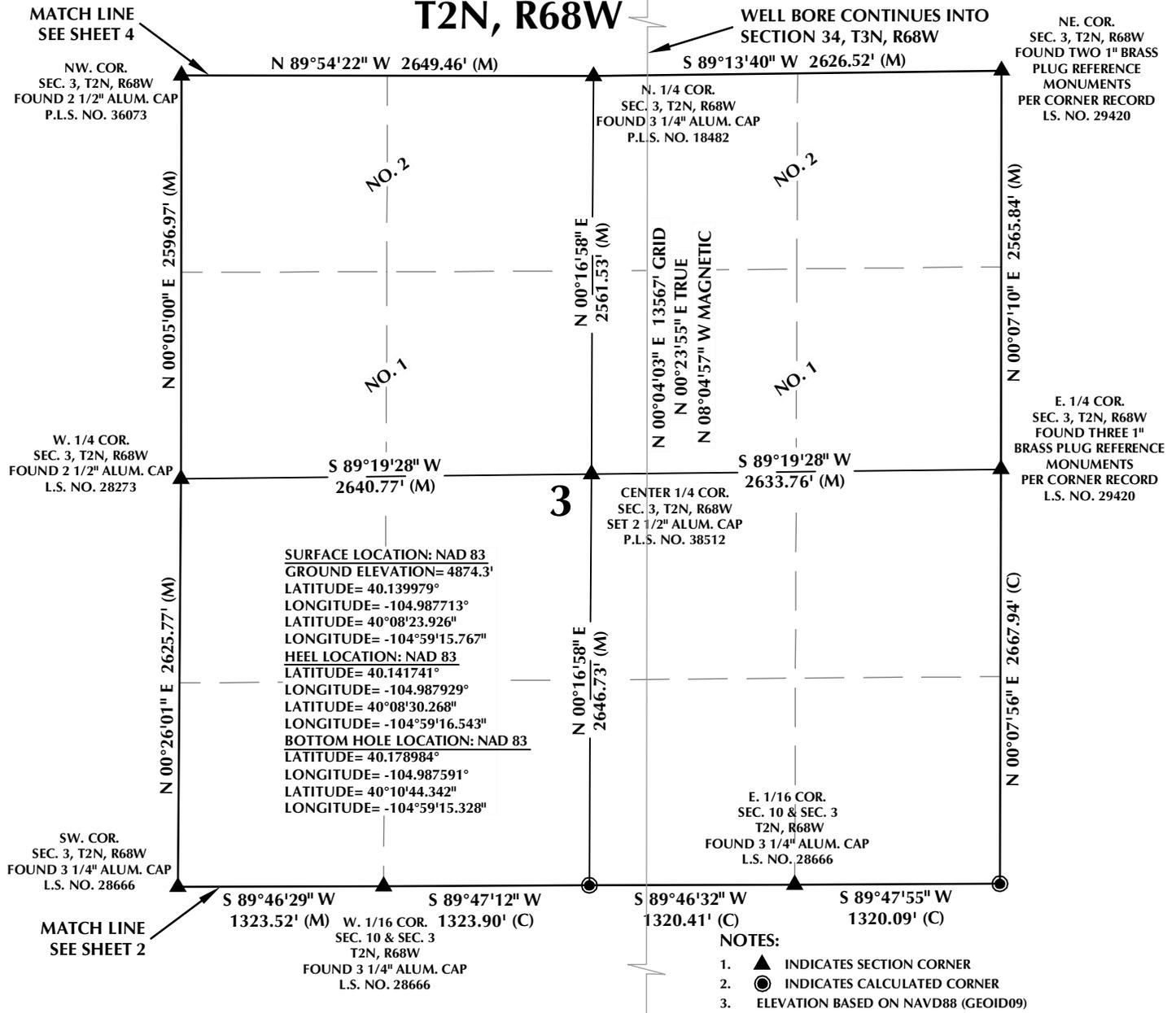


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 LOVELAND OFFICE  
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DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15	2
REVISED:	10/17/16	FILE NAME:	15-23	2 OF 4

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# T2N, R68W



**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4874.3'  
 LATITUDE= 40.139979°  
 LONGITUDE= -104.987713°  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.141741°  
 LONGITUDE= -104.987929°  
 LATITUDE= 40°08'30.268"  
 LONGITUDE= -104°59'16.543"  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.178984°  
 LONGITUDE= -104.987591°  
 LATITUDE= 40°10'44.342"  
 LONGITUDE= -104°59'15.328"

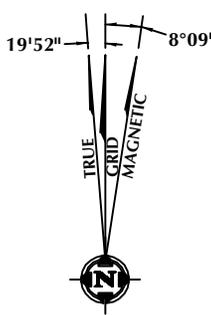
- NOTES:**
- ▲ INDICATES SECTION CORNER
  - INDICATES CALCULATED CORNER
  - ELEVATION BASED ON NAVD88 (GEOID09)
  - BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
  - ALL MEASURED DISTANCES ARE GRID.
  - COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
  - OPERATOR: ROB WILSON / PDOP = 1.5
  - SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
  - WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
  - THE BOTTOM OF HOLE BEARS N00°04'03"E, 13567' FROM THE HEEL LOCATION.
  - NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

**CERTIFICATE OF SURVEYOR:**

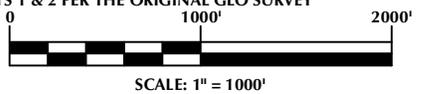
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 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 18512  
 10/17/16

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K:\LANDARK\2015\15\_23\_CAMENISCH\_SEC\_15\_T2N\_R68W\PLATS\CAMENISCH\_36N-22HZ.dwg, 10/17/2016 2:57:26 PM, lbg

<p><b>WELL PAD - CAMENISCH 36N-22HZ</b></p> <p>CAMENISCH STATE 23N3-34HZ                  WELL LOCATION CERTIFICATE                  2228' FNL &amp; 2223' FEL SWNE (SURFACE)                  1587' FNL &amp; 2282' FEL SWNE (HEEL)                  LOCATED IN SECTION 15                  T2N, R68W, 6TH P.M.                  1470' FSL &amp; 2254' FEL NWSE (BOTTOM)                  LOCATED IN SECTION 34                  T3N, R68W, 6TH P.M.                  WELD COUNTY, COLORADO</p>	<p><b>Kerr-McGee Oil &amp;                  Gas Onshore L.P.</b></p> <p>1099 18th Street                  Denver, Colorado 80202</p>	<p style="text-align: center;"><b>609</b></p> <p style="text-align: center;"><b>CONSULTING, LLC</b></p> <p>SHERIDAN OFFICE                  1095 Saberton Avenue                  Sheridan, Wyoming 82801                  Phone 307-674-0609</p> <p>LOVELAND OFFICE                  1635 Foxtrail Drive, Suite 204                  Loveland, Colorado 80538                  Phone 970-776-4331</p>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DRAFTED BY:</td> <td style="width: 25%;">LMO</td> <td style="width: 25%;">CHECKED BY:</td> <td style="width: 25%;">RKF</td> </tr> <tr> <td>DATE DRAFTED:</td> <td>9/28/15</td> <td>DATE SURVEYED:</td> <td>7/15/15</td> </tr> <tr> <td>REVISED:</td> <td>10/17/16</td> <td>FILE NAME:</td> <td>15-23</td> </tr> </table>	DRAFTED BY:	LMO	CHECKED BY:	RKF	DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15	REVISED:	10/17/16	FILE NAME:	15-23	<p><b>3</b></p> <p>SHEET NO: 3 OF 4</p>
DRAFTED BY:	LMO	CHECKED BY:	RKF										
DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15										
REVISED:	10/17/16	FILE NAME:	15-23										

# T3N, R68W

NW. COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 34591

NE. COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 29420

N. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38459

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4874.3'  
LATITUDE= 40.139979°  
LONGITUDE= -104.987713°  
LATITUDE= 40°08'23.926"  
LONGITUDE= -104°59'15.767"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.141741°  
LONGITUDE= -104.987929°  
LATITUDE= 40°08'30.268"  
LONGITUDE= -104°59'16.543"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.178984°  
LONGITUDE= -104.987591°  
LATITUDE= 40°10'44.342"  
LONGITUDE= -104°59'15.328"

CENTER 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 7735

## 34

W. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 34591

E. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 29420

SW. COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 36073

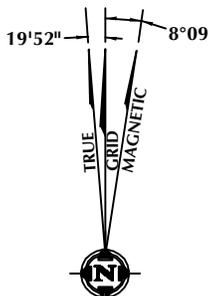
S. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 18482

SE. COR.  
SEC. 34, T3N, R68W  
FOUND TWO 1" BRASS  
PLUG REFERENCE  
MONUMENTS  
PER CORNER RECORD  
L.S. NO. 29420

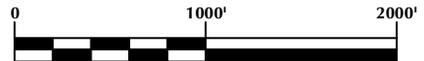
MATCH LINE  
SEE SHEET 3

### NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
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- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
- OPERATOR: ROB WILSON / PDOP = 1.5
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°04'03"E, 13567' FROM THE HEEL LOCATION.



NOTE:  
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SCALE: 1" = 1000'

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10/17/16

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### WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N3-34HZ  
WELL LOCATION CERTIFICATE  
2228' FNL & 2223' FEL SWNE (SURFACE)  
1587' FNL & 2282' FEL SWNE (HEEL)  
LOCATED IN SECTION 15  
T2N, R68W, 6TH P.M.  
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LOCATED IN SECTION 34  
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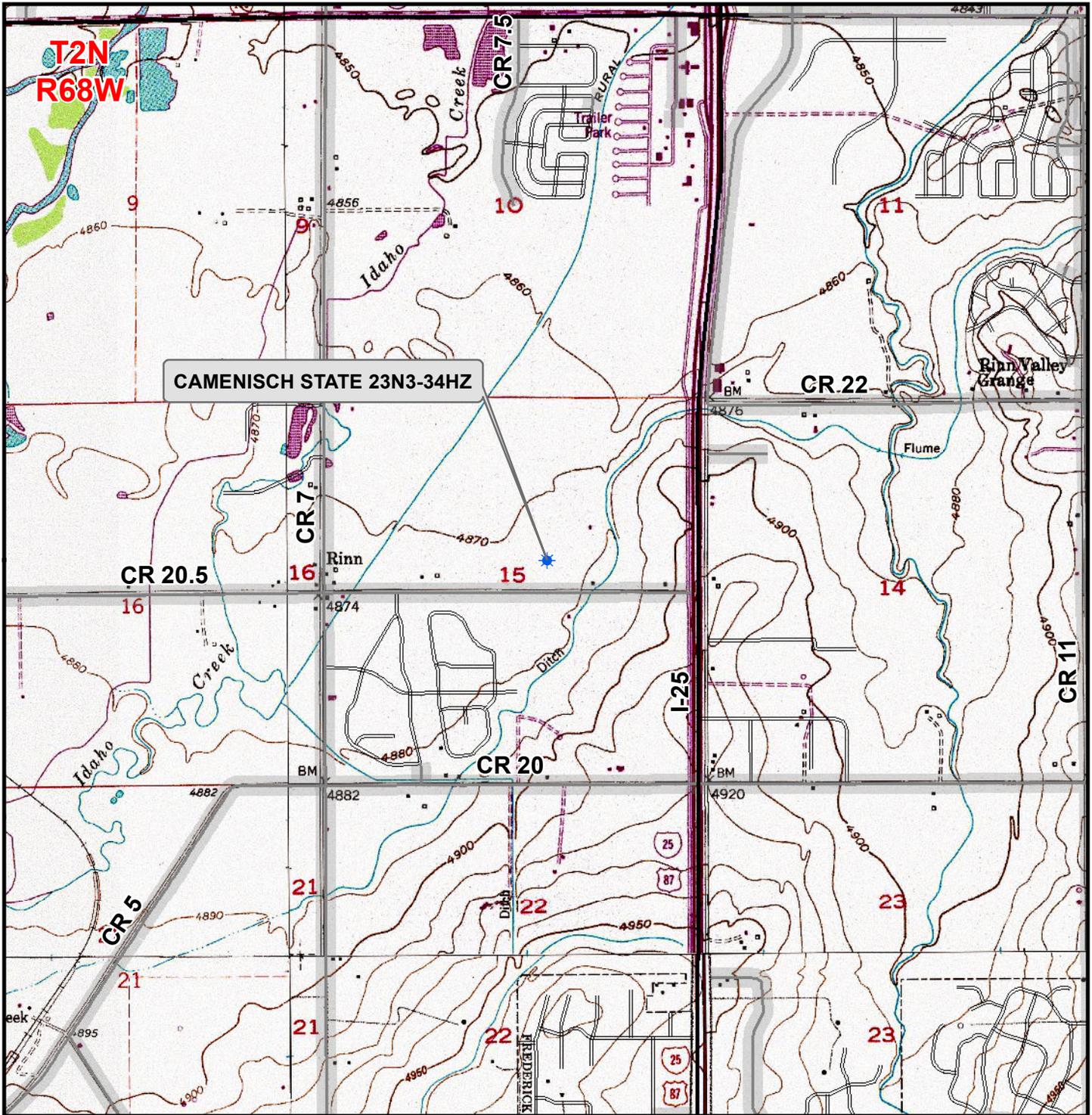
### CONSULTING, LLC

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DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>4</b>
DATE DRAFTED: 10/17/16	DATE SURVEYED: 7/15/15	
REVISED:	FILE NAME: 15-23	4 OF 4

K:\ANADARKO\2015\23\_CAMENISCH\_SEC\_15\_T2N\_R68W\GIS\Maps\_ABC\CAMENISCH 36N-22HZ\CAMENISCH STATE 23N3-34HZ.mxd 10/14/2016 4:00:33 PM



**Legend**

- ★ Well - Fee - Proposed   
  Road - Primitive - Existing   
  Road - County - Existing
- ★ Well - State - Proposed   
  Road - Improved - Existing   
  Road - Highway - Existing

WELL PAD - CAMENISCH 36N-22HZ  
**GENERAL LOCATION MAP**  
**CAMENISCH STATE 23N3-34HZ**  
 LOCATED IN SECTION 15  
 T2N, R68W, 6th P.M.  
 WELD COUNTY, COLORADO

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 Phone 307-674-0609    Phone 970-776-4331

SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: TL	DATE: 29 Sept 2015
REVISED: DP	DATE: 14 Oct 2016

