

**T2N, R68W**

**MATCH LINE  
SEE SHEET 2**

NW. COR.  
SEC. 15, T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

**S 89°57'06" W 2649.08' (M)**

N. 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 11434

## WELL BORE CONTINUES INTO SECTION 10

NE. COR.  
SEC. 15, T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 29430

N. 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 11434

W. 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 2" ALUM. CAP  
P.L.S. NO. 13446

**CAMENISCH STATE**  
**23N2-34HZ**  
SURFACE LOCATION

CENTER 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

CE. 1/16 COR.  
SEC. 15, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

E. 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 29430

**SURFACE LOCATION: NAD 83**  
**GROUND ELEVATION= 4874.1'**  
**LATITUDE= 40.139980°**  
**LONGITUDE= -104.987874°**  
**LATITUDE= 40°08'23.928"**  
**LONGITUDE= -104°59'16.347"**  
**HEEL LOCATION: NAD 83**  
**LATITUDE= 40.141749°**  
**LONGITUDE= -104.988547°**  
**LATITUDE= 40°08'30.296"**  
**LONGITUDE= -104°59'18.771"**  
**BOTTOM HOLE LOCATION: NAD 83**  
**LATITUDE= 40.178981°**  
**LONGITUDE= -104.988894°**  
**LATITUDE= 40°10'44.332"**  
**LONGITUDE= -104°59'20.018"**

SW. COR.  
SEC. 15, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

S. 1/4 COR.  
SEC. 15, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 18255

**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

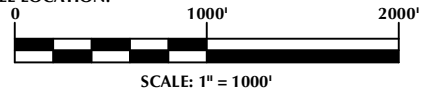
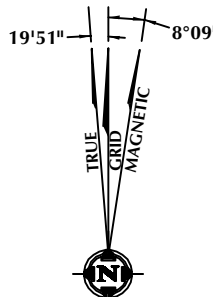
*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 10/17/16

**NOTICE:** ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.

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

**NOTES:**

1. ▲ INDICATES SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
6. OPERATOR: ROB WILSON / PDOP = 1.7
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS N00°44'23"W, 13563' FROM THE HEEL LOCATION.



## WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N2-34HZ  
WELL LOCATION CERTIFICATE  
2228' FNL & 2268' FEL SWNE (SURFACE)  
1585' FNL & 2455' FEL SWNE (HEEL)  
LOCATED IN SECTION 15  
T2N, R68W, 6TH P.M.  
1472' FSL & 2618' 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



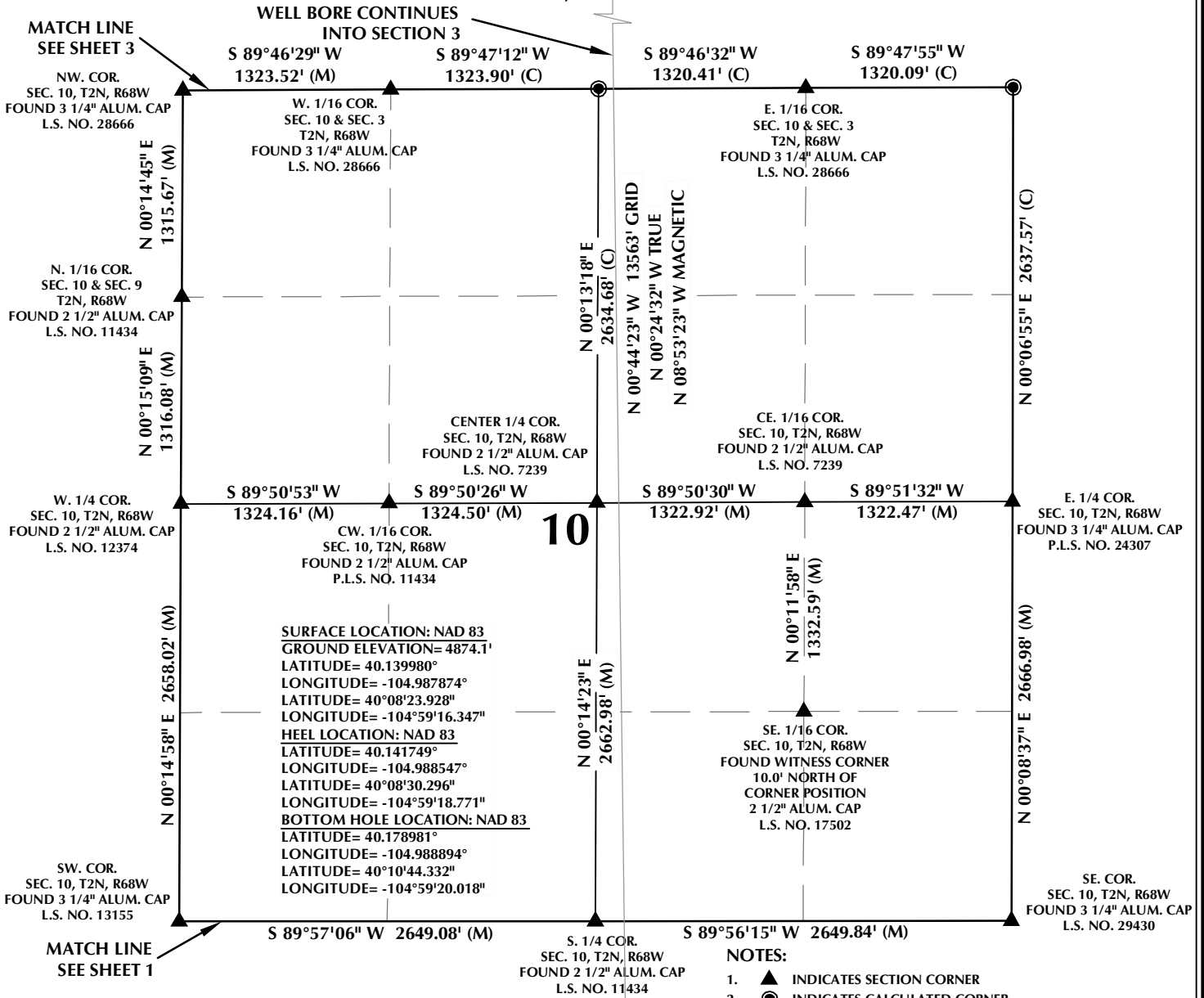
CONSULTING, LLC

**SHERIDAN OFFICE**  
1095 Saberton Avenue  
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Phone 307-674-0609

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

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO: <div style="font-size: 2em; font-weight: bold; text-align: center;">1</div> 1 OF 4
DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15	
REVISED:	10/17/16	FILE NAME:	15-23	

# T2N, R68W

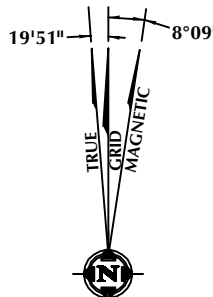


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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 18512

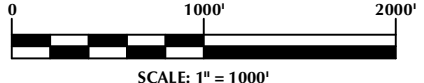
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## NOTES:

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- 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 = 1.7
- 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°44'23"W, 13563' FROM THE HEEL LOCATION.



## WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N2-34HZ  
 WELL LOCATION CERTIFICATE  
 2228' FNL & 2268' FEL SWNE (SURFACE)  
 1585' FNL & 2455' FEL SWNE (HEEL)  
 LOCATED IN SECTION 15  
 T2N, R68W, 6TH P.M.  
 1472' FSL & 2618' FEL NWSE (BOTTOM)  
 LOCATED IN SECTION 34  
 T3N, R68W, 6TH P.M.  
 WELD COUNTY, COLORADO

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REVISED:	10/17/16	FILE NAME:	15-23	2 OF 4

T2N, R68W

WELL BORE CONTINUES INTO  
SECTION 34, T3N, R68W

NE. COR.  
SEC. 3, T2N, R68W  
FOUND TWO 1" BRASS  
PLUG REFERENCE  
MONUMENTS  
PER CORNER RECORD  
L.S. NO. 29420

MATCH LINE  
SEE SHEET 4

NW. COR.  
SEC. 3, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 36073

W. 1/4 COR.  
SEC. 3, T2N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 28273

SW. COR.  
SEC. 3, T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 28666

MATCH LINE  
SEE SHEET 2

N 89°54'22" W 2649.46' (M)

S 89°13'40" W 2626.52' (M)

N. 1/4 COR.  
SEC. 3, T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 18482

NO. 2

NO. 2

NO. 1

NO. 1

S 89°19'28" W  
2640.77' (M)

S 89°19'28" W  
2633.76' (M)

CENTER 1/4 COR.  
SEC. 3, T2N, R68W  
SET 2 1/2" ALUM. CAP  
P.L.S. NO. 38512

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4874.1'  
LATITUDE= 40.139980°  
LONGITUDE= -104.987874°  
LATITUDE= 40°08'23.928"  
LONGITUDE= -104°59'16.347"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.141749°  
LONGITUDE= -104.988547°  
LATITUDE= 40°08'30.296"  
LONGITUDE= -104°59'18.771"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.178981°  
LONGITUDE= -104.988894°  
LATITUDE= 40°10'44.332"  
LONGITUDE= -104°59'20.018"

N 00°16'58" E  
2646.73' (M)  
N 00°44'23" W 13563' GRID  
N 00°24'32" W TRUE  
N 08°53'23" W MAGNETIC

E. 1/16 COR.  
SEC. 10 & SEC. 3  
T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 28666

S 89°46'29" W  
1323.52' (M)

S 89°47'12" W  
1323.90' (C)

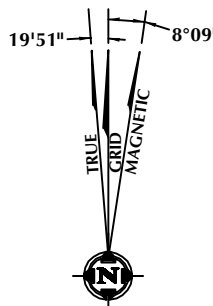
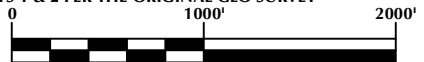
S 89°46'32" W  
1320.41' (C)

S 89°47'55" W  
1320.09' (C)

W. 1/16 COR.  
SEC. 10 & SEC. 3  
T2N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 28666

#### NOTES:

1. ▲ INDICATES SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
6. COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
7. OPERATOR: ROB WILSON / PDOP = 1.7
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS N00°44'23"W, 13563' FROM THE HEEL LOCATION.
11. NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY



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

CAMENISCH STATE 23N2-34HZ  
WELL LOCATION CERTIFICATE  
2228' FNL & 2268' FEL SWNE (SURFACE)  
1585' FNL & 2455' FEL SWNE (HEEL)  
LOCATED IN SECTION 15  
T2N, R68W, 6TH P.M.  
1472' FSL & 2618' FEL NWSE (BOTTOM)  
LOCATED IN SECTION 34  
T3N, R68W, 6TH P.M.  
WELD COUNTY, COLORADO

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1099 18th Street  
Denver, Colorado 80202



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REVISED:	10/17/16	FILE NAME:	15-23	3 OF 4

# T3N, R68W

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

S 89°07'13" W 2565.53' (M)

S 89°07'15" W 2656.24' (M)

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= 4874.1'  
LATITUDE= 40.139980°  
LONGITUDE= -104.987874°  
LATITUDE= 40°08'23.928"  
LONGITUDE= -104°59'16.347"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.141749°  
LONGITUDE= -104.988547°  
LATITUDE= 40°08'30.296"  
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BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.178981°  
LONGITUDE= -104.988894°  
LATITUDE= 40°10'44.332"  
LONGITUDE= -104°59'20.018"

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

S 89°07'26" W  
2573.32' (M)

S 89°34'05" W  
2673.11' (M)

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

N 00°18'58" W 2650.43' (M)

BOTTOM OF HOLE:  
1472' FSL & 2618' FEL

34'

1292'

2618'

N 01°56'09" W  
2695.62' (M)

124'  
1472'

N 00°56'51" W 2679.21' (M)

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

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

N 89°54'22" W 2649.46' (M)

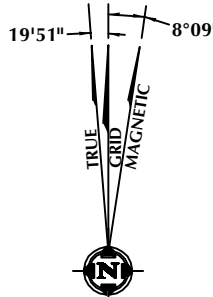
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P.L.S. NO. 18482

S 89°13'40" W 2626.52' (M)

MATCH LINE  
SEE SHEET 3

## NOTES:

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- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
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*Randall K. French*  
38512 H-38

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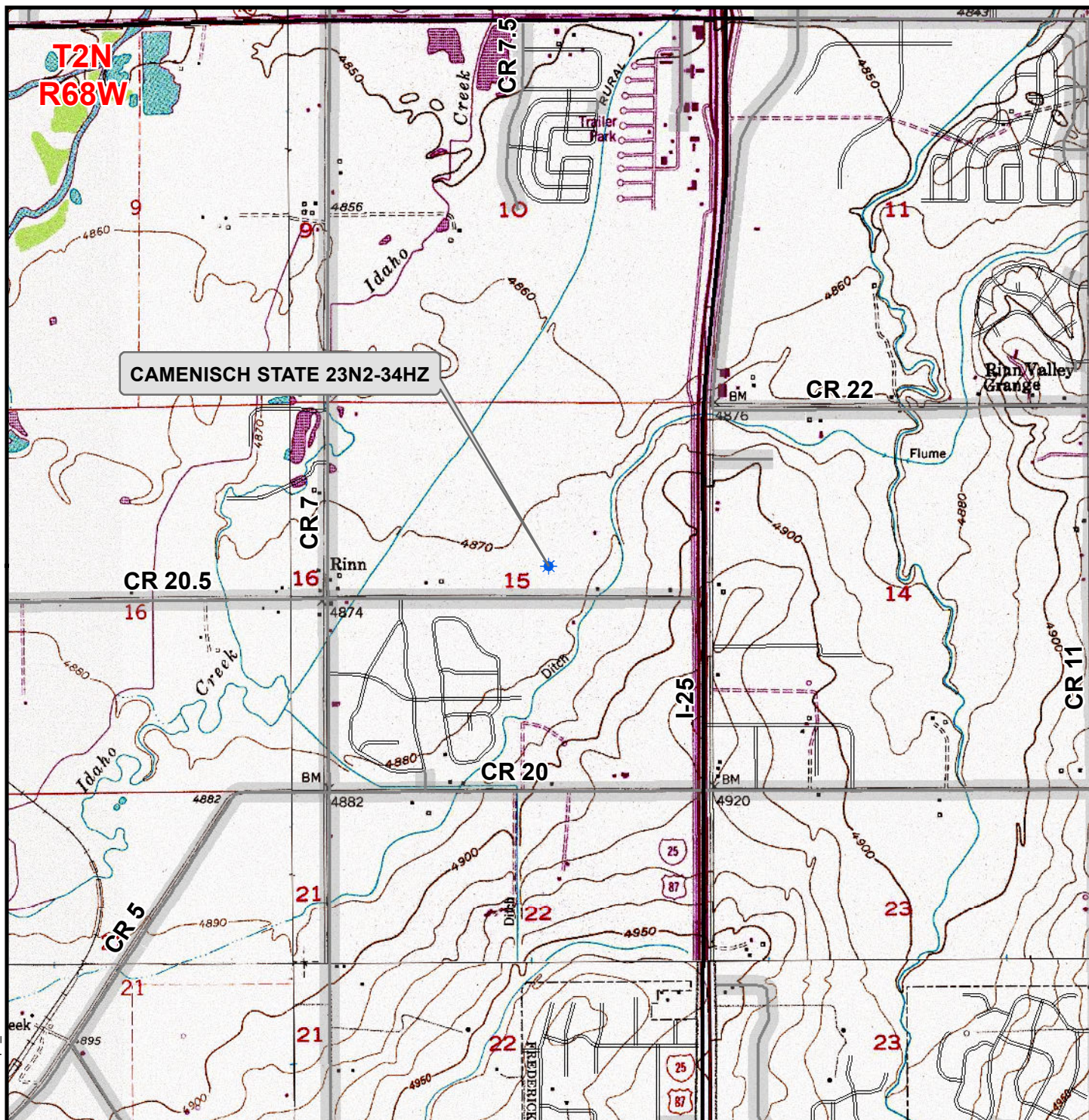
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REVISED:		FILE NAME:	15-23	4 OF 4





### 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 23N2-34HZ  
LOCATED IN SECTION 15  
T2N, R68W, 6th P.M.  
WELD COUNTY, COLORADO**

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SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: TL

DATE: 29 Sept 2015

REVISED: DP

DATE: 14 Oct 2016