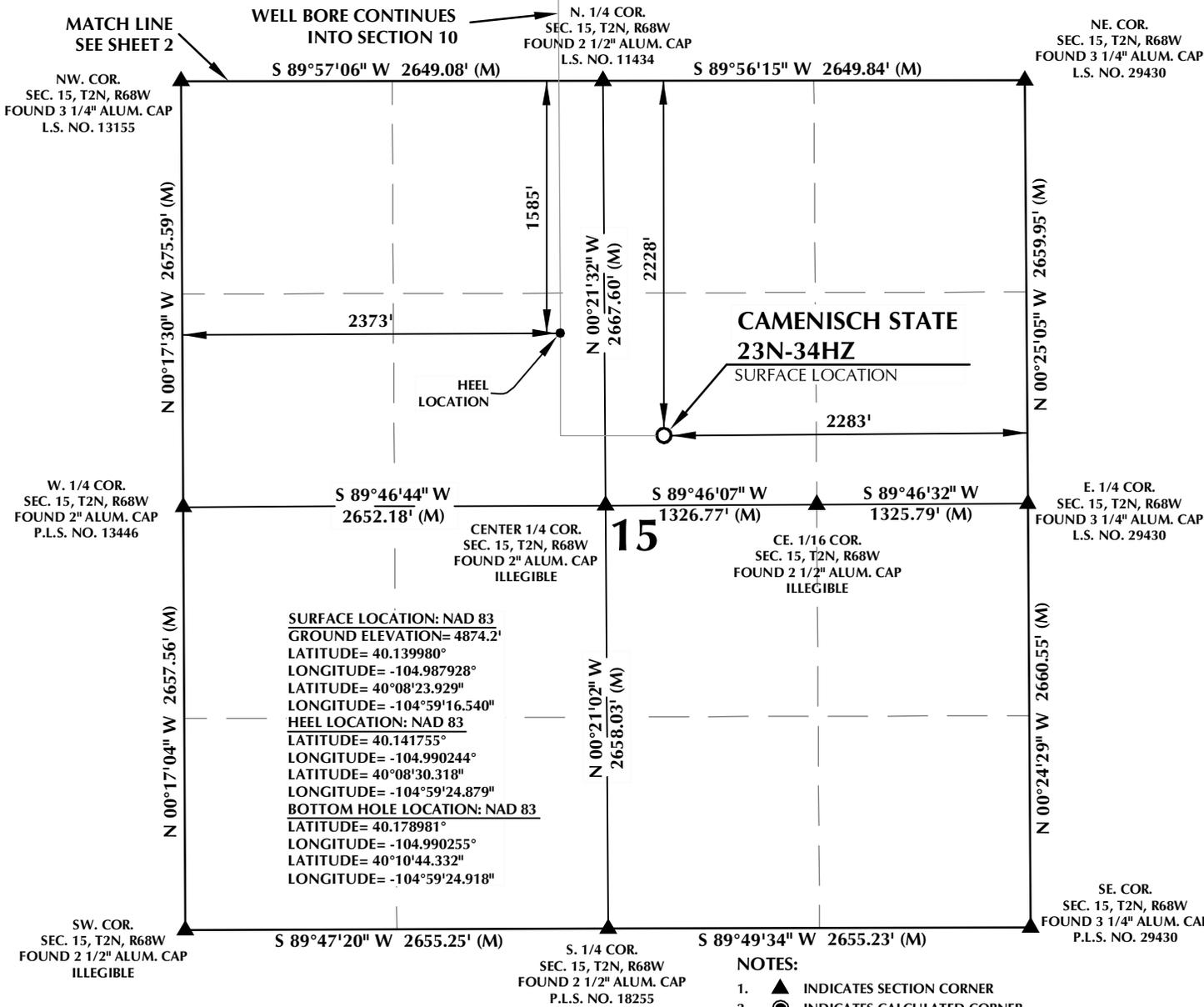
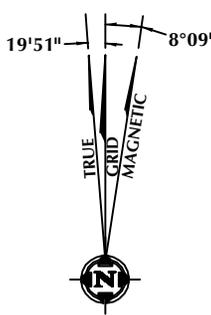


T2N, R68W

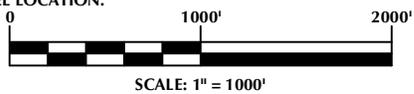


SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4874.2'
 LATITUDE= 40.139980°
 LONGITUDE= -104.987928°
HEEL LOCATION: NAD 83
 LATITUDE= 40.141755°
 LONGITUDE= -104.990244°
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.178981°
 LONGITUDE= -104.990255°
 LATITUDE= 40°10'44.332"
 LONGITUDE= -104°59'24.918"

- 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 = 1.7
 - 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°20'32"W, 13561' 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:

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 18512

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.

WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N-34HZ
 WELL LOCATION CERTIFICATE
 2228' FNL & 2283' FEL SWNE (SURFACE)
 1585' FNL & 2373' FWL SENW (HEEL)
 LOCATED IN SECTION 15
 T2N, R68W, 6TH P.M.
 1469' FSL & 2261' FWL NESW (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

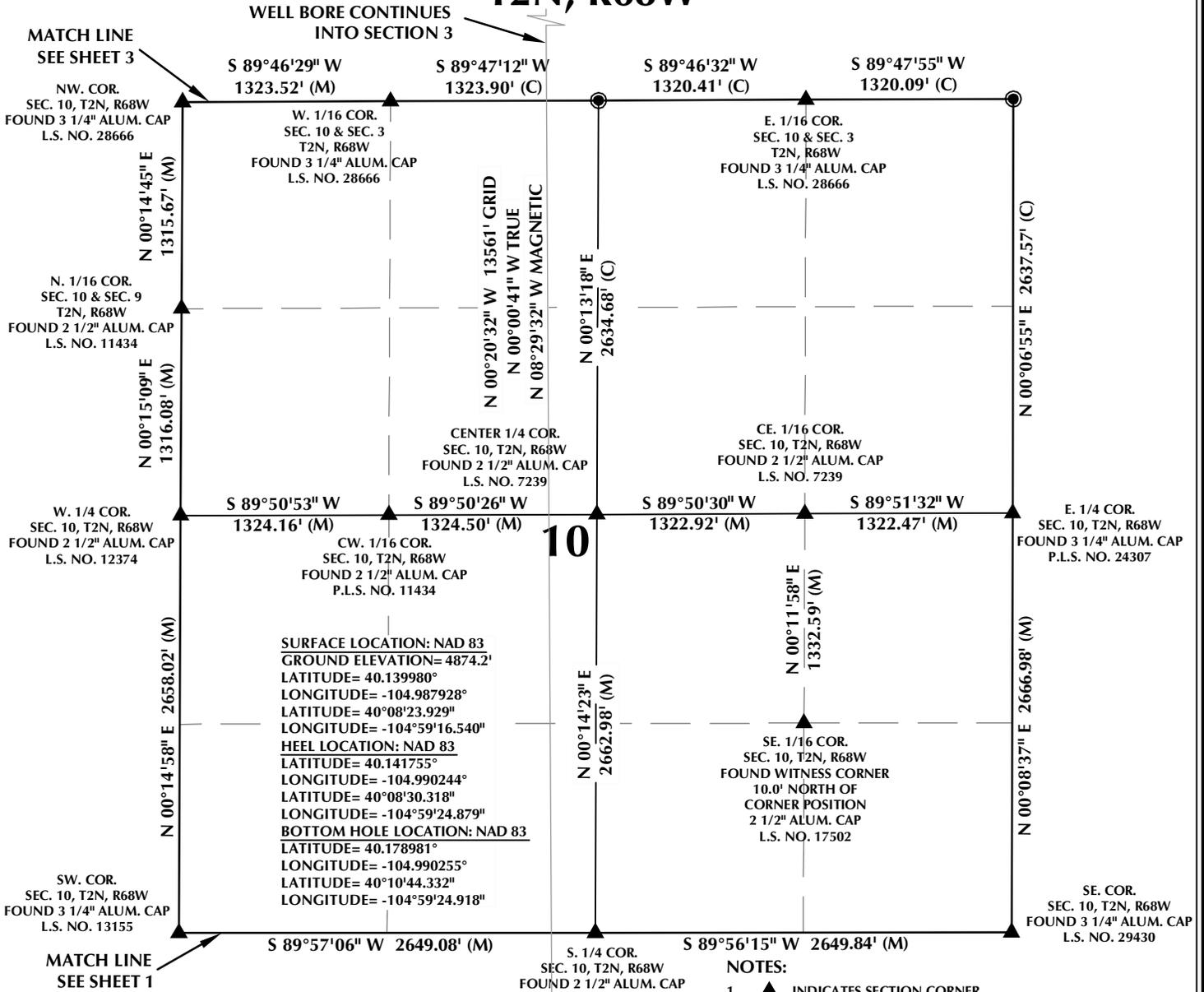
609 CONSULTING, LLC

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: 1 1 OF 4
DATE DRAFTED: 9/28/15	DATE SURVEYED: 7/15/15	
REVISED: 10/17/16	FILE NAME: 15-23	

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T2N, R68W



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Randall K. French
PROFESSOR OF LAND SURVEYING
 10/17/16

RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 18512

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WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N-34HZ
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 2228' FNL & 2283' FEL SWNE (SURFACE)
 1585' FNL & 2373' FWL SENW (HEEL)
 LOCATED IN SECTION 15
 T2N, R68W, 6TH P.M.
 1469' FSL & 2261' FWL NESW (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

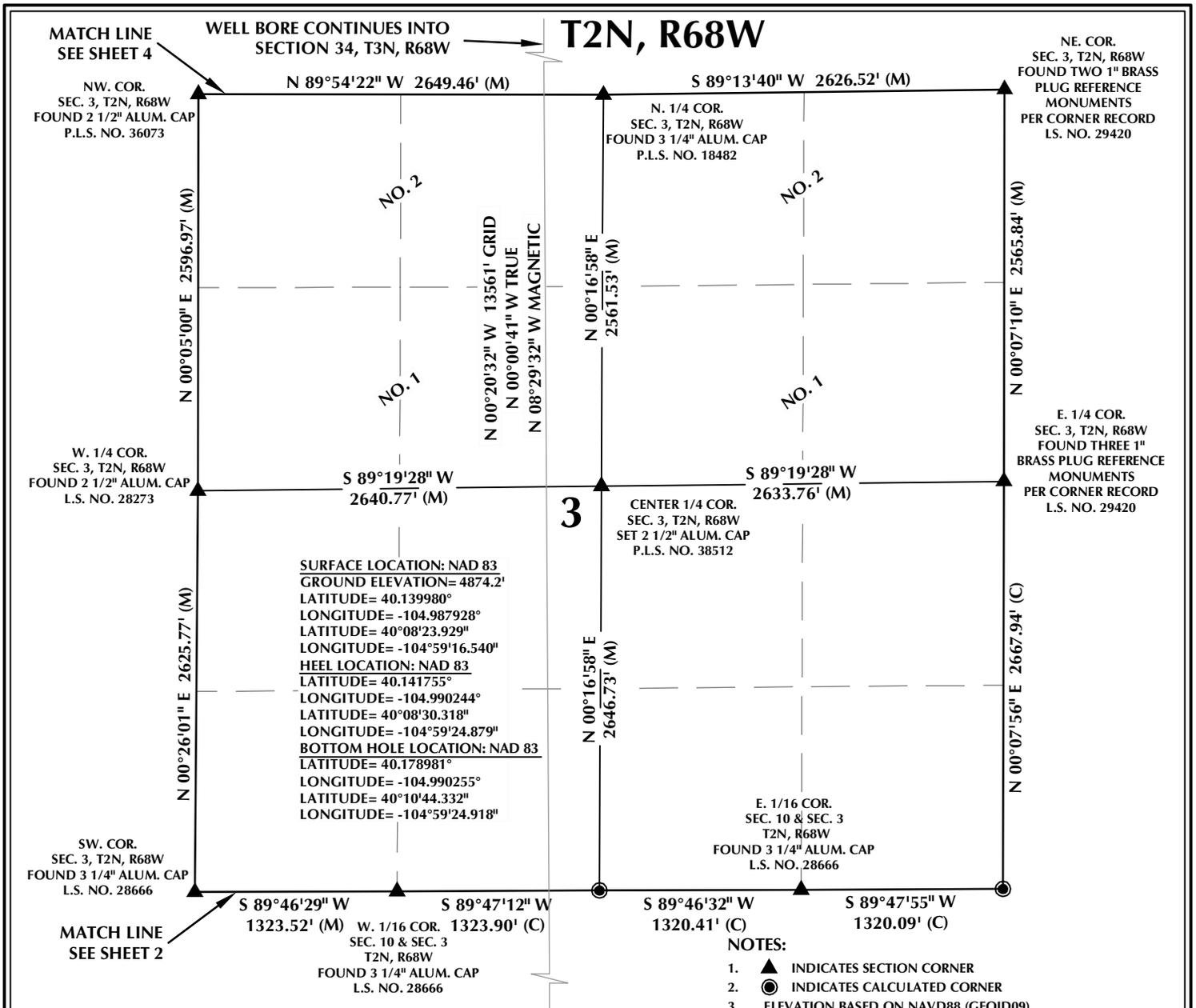


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DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15	2
REVISED:	10/17/16	FILE NAME:	15-23	2 OF 4



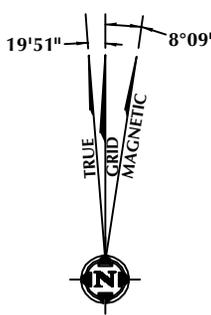
SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4874.2'
 LATITUDE= 40.139980°
 LONGITUDE= -104.987928°
HEEL LOCATION: NAD 83
 LATITUDE= 40.141755°
 LONGITUDE= -104.990244°
 LATITUDE= 40°08'30.318"
 LONGITUDE= -104°59'24.879"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.178981°
 LONGITUDE= -104.990255°
 LATITUDE= 40°10'44.332"
 LONGITUDE= -104°59'24.918"

- NOTES:**
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 - INDICATES CALCULATED CORNER
 - ELEVATION BASED ON NAVD88 (GEOID09)
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 - 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°20'32"W, 13561' FROM THE HEEL LOCATION.
 - NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

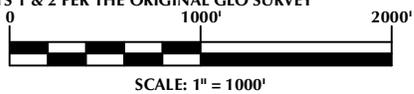
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Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 18512



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WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N-34HZ
 WELL LOCATION CERTIFICATE
 2228' FNL & 2283' FEL SWNE (SURFACE)
 1585' FNL & 2373' FWL SENW (HEEL)
 LOCATED IN SECTION 15
 T2N, R68W, 6TH P.M.
 1469' FSL & 2261' FWL NESW (BOTTOM)
 LOCATED IN SECTION 34
 T3N, R68W, 6TH P.M.
 WELD COUNTY, COLORADO

Kerr-McGee Oil & Gas Onshore L.P.

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DATE DRAFTED: 9/28/15	DATE SURVEYED: 7/15/15	
REVISED: 10/17/16	FILE NAME: 15-23	

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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= 4874.2'
LATITUDE= 40.139980°
LONGITUDE= -104.987928°
LATITUDE= 40°08'23.929"
LONGITUDE= -104°59'16.540"
HEEL LOCATION: NAD 83
LATITUDE= 40.141755°
LONGITUDE= -104.990244°
LATITUDE= 40°08'30.318"
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LATITUDE= 40.178981°
LONGITUDE= -104.990255°
LATITUDE= 40°10'44.332"
LONGITUDE= -104°59'24.918"

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

34

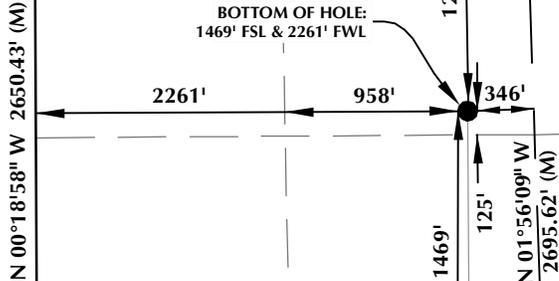
W. 1/4 COR.
SEC. 34, T3N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 34591

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

S 89°07'26" W
2573.32' (M)

S 89°34'05" W
2673.11' (M)

BOTTOM OF HOLE:
1469' FSL & 2261' FWL



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

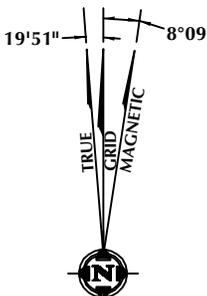
S. 1/4 COR.
SEC. 34, T3N, R68W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 18482

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

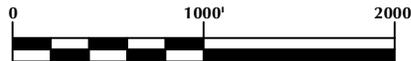
MATCH LINE
SEE SHEET 3

NOTES:

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SCALE: 1" = 1000'

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38512

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COLORADO REGISTRATION NUMBER 18512

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WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N-34HZ
WELL LOCATION CERTIFICATE
2228' FNL & 2283' FEL SWNE (SURFACE)
1585' FNL & 2373' FWL SENW (HEEL)
LOCATED IN SECTION 15
T2N, R68W, 6TH P.M.
1469' FSL & 2261' FWL NESW (BOTTOM)
LOCATED IN SECTION 34
T3N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

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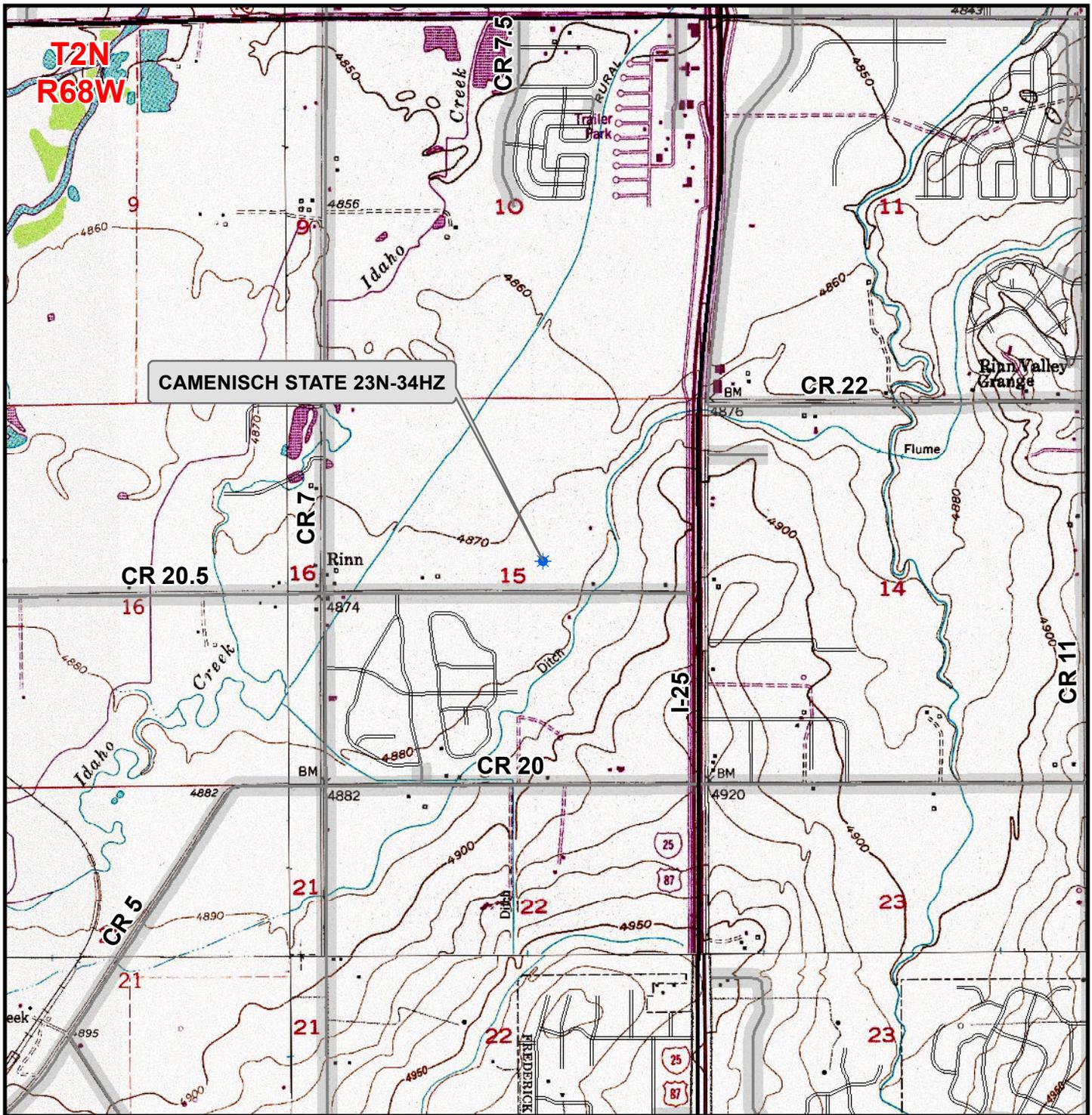
CONSULTING, LLC

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

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 1095 Saberton Avenue 1635 Foxtail Drive, Suite 204
 Sheridan, Wyoming 82801 Loveland, Colorado 80538
 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

