

C:\ANADARKO\2015\2015 23 CAMENISCH SEC 15 T2N R68W\PLATS\CAMENISCH 36N-22HZ\wq. 9/29/2015 11:16:13 AM. lake

T2N, R68W

WELL BORE CONTINUES INTO SECTION 3

**MATCH LINE
SEE SHEET 1C**

**S 89°46'29" W
1323.52' (M)**

S 89°46'48" W
1323.55' (M)

S 89°46'56" W
1320.77' (M)

S 89°47'55" W
1320.09' (M)

NW. COR. —→
SEC. 10, T2N, R68W
FOUND 3" ALUM. CAP
L.S. NO. 28666

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

N. 1/4 COR. /
SEC. 10, T2N, R68W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 7239

E. 1/16 COR.
SEC. 10 & SEC. 3
T2N, R68W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 28666

NE. COR.
SEC. 10, T2N, R68W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 24307

N. 1/16 COR.
SEC. 10 & SEC. 9
T2N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 11434

FOUND 3 1/4" ALUM
L.S. NO. 28666

N. 1/4 COR. /
SEC. 10, T2N, R68W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 7239

E. 1/16 COR.
SEC. 10 & SEC. 3
T2N, R68W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 28666

NE. COR.
SEC. 10, T2N, R68W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 24307

W. 1/4 COR. ↗
SEC. 10, T2N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 12374

CENTER W. 1/16 COR.
SEC. 10, T2N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 11434

CENTER 1/4 COR.
SEC. 10, T2N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 7239

CENTER E. 1/16 COR.
SEC. 10, T2N, R68W
FOUND 2 1/2" ALUM. CAP
/ L.S. NO. 7239

E. 1/4 COR.
SEC. 10, T2N, R68W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 24307

SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4874.3'
 LATITUDE= 40.139979°
 LONGITUDE= -104.98711°
 LATITUDE= 40°08'23.926"
 LONGITUDE= -104°59'15.767"
 HEEL LOCATION: NAD 83
 LATITUDE= 40.140742°
 LONGITUDE= -104.987247°
 LATITUDE= 40°08'26.672"
 LONGITUDE= -104°59'14.089"
 BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.161768°
 LONGITUDE= -104.986990°
 LATITUDE= 40°09'42.365"
 LONGITUDE= -104°59'13.164"

**MATCH LINE
SEE SHEET 1A**



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. 38-511-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

RICHARD E. MARIOTTI
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 22572

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.

NOTES:

1.  INDICATES FOUND SECTION CORNER
2.  INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972911
6. OPERATOR: ROB WILSON / PDOP = 1.5
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°12'21"E, 7660' FROM THE HEEL LOCATION.

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

WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 15N-3HZ
WELL LOCATION CERTIFICATE
2228' FNL & 2223' FEL SWNE (SURFACE)
1950' FNL & 2092' FEL SWNE (HEEL)
LOCATED IN SECTION 15
410' FSL & 2063' FEL SWSE (BOTTOM)
LOCATED IN SECTION 3
T2N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

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



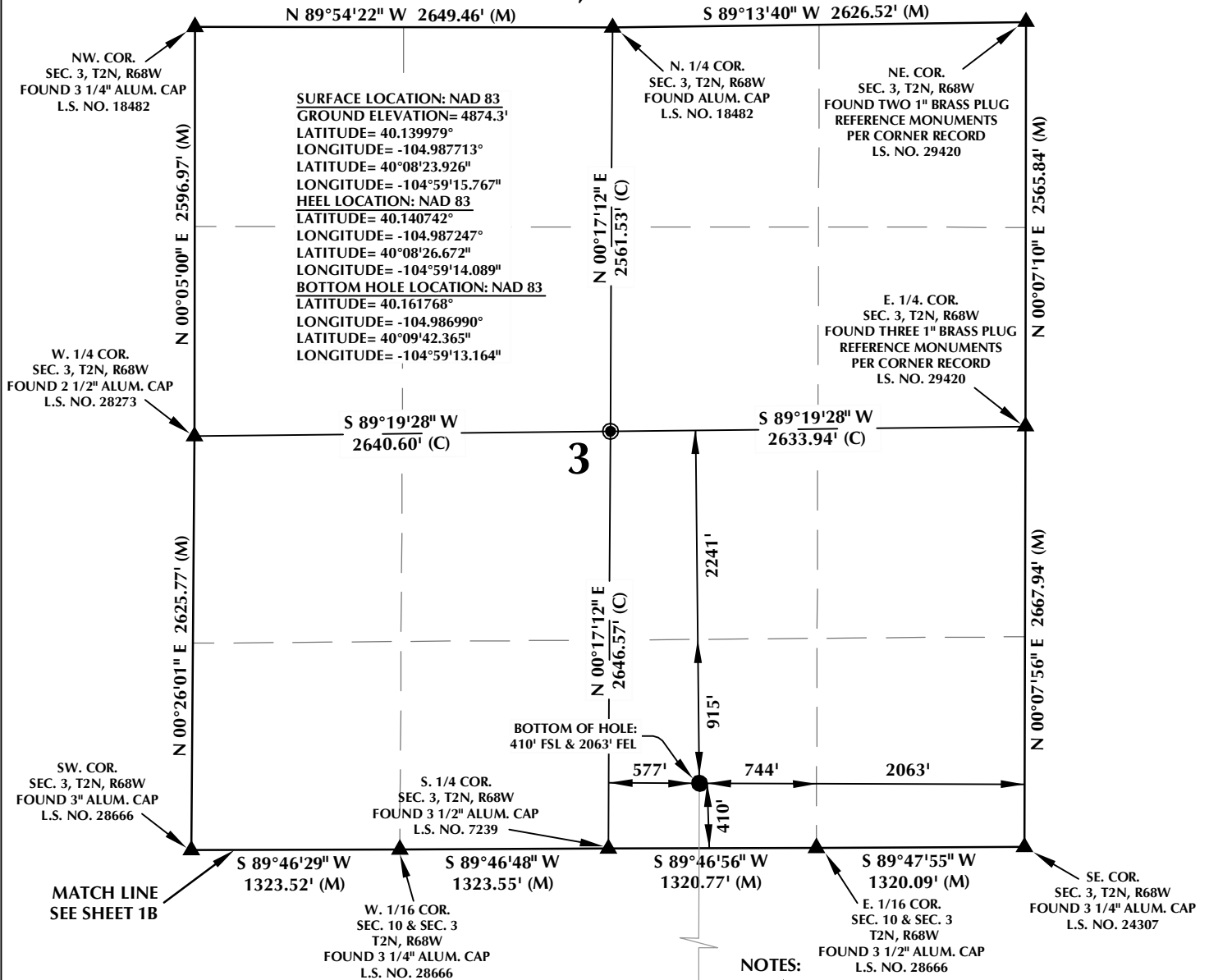
CONSULTING, LLC

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: REM	SHEET NO: 1B 1B OF 1
DATE DRAFTED: 9/28/15	DATE SURVEYED: 7/15/15	
REVISED:	FILE NAME: 15-23	

T2N, R68W

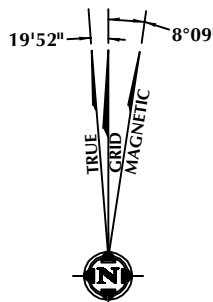


CERTIFICATE OF SURVEYOR:

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. 38-510.02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Richard E. Mariotti
 RICHARD E. MARIOTTI
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 22573
 9/28/15

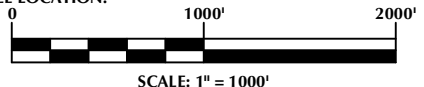
NOTICE:
 ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION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



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

NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972911
- 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°12'21"E, 7660' FROM THE HEEL LOCATION.



WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 15N-3HZ
 WELL LOCATION CERTIFICATE
 2228' FNL & 2223' FEL SWNE (SURFACE)
 1950' FNL & 2092' FEL SWNE (HEEL)
 LOCATED IN SECTION 15
 410' FSL & 2063' FEL SWSE (BOTTOM)
 LOCATED IN SECTION 3
 T2N, 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:	REM	SHEET NO:
DATE DRAFTED:	9/28/15	DATE SURVEYED:	7/15/15	1C
REVISED:		FILE NAME:	15-23	1C OF 1