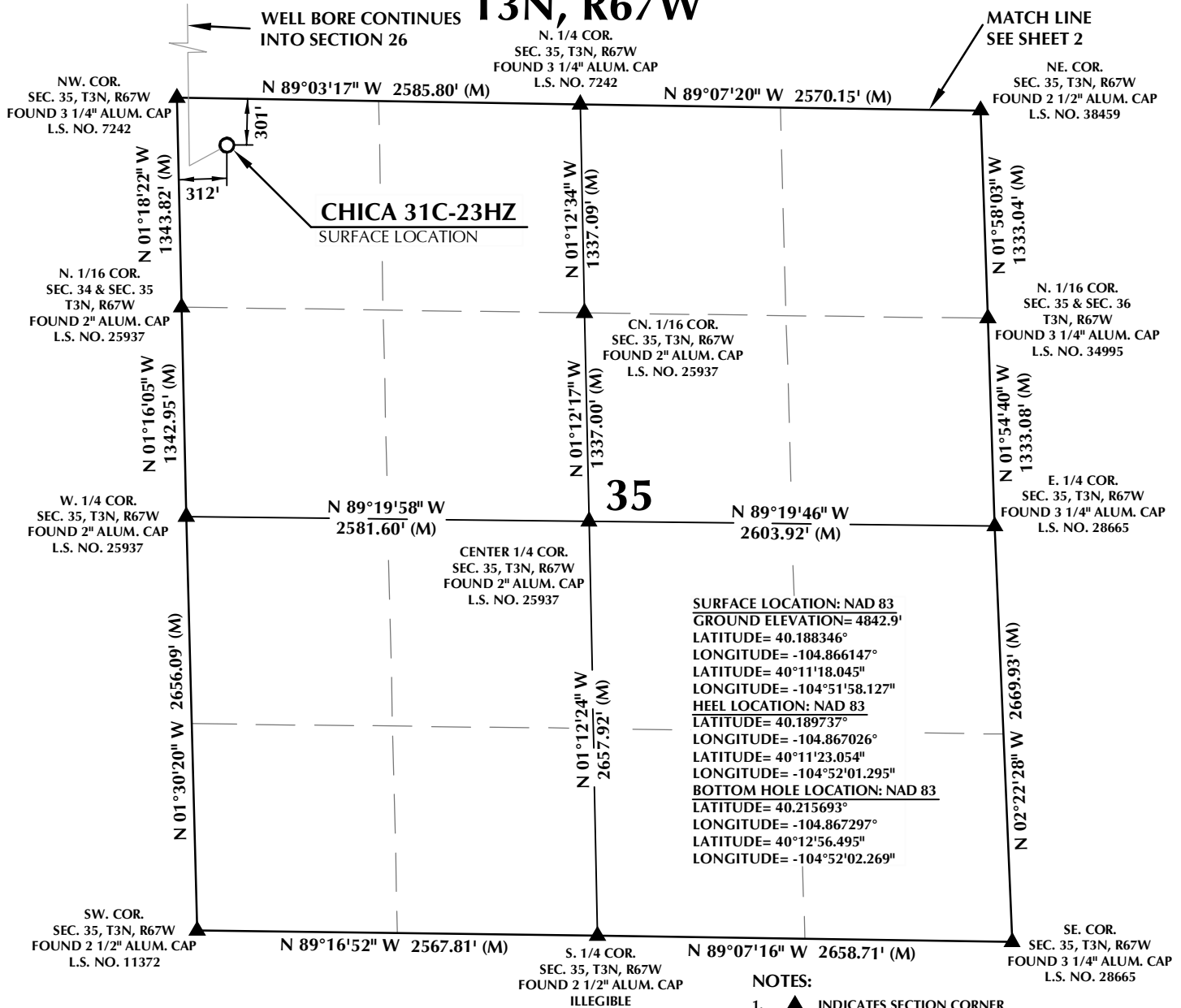


T3N, R67W

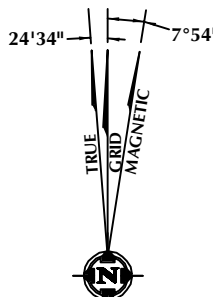


CERTIFICATE OF SURVEYOR:

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. 38-51-1-302 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

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

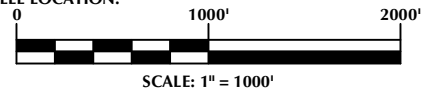
NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION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



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 10/3/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99973037 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 35, T3N, R67W
- OPERATOR: ROB WILSON / PDOP = 1.6
- 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°52'01"W, 9456' FROM THE HEEL LOCATION.



WELL PAD - CHICA 4N2-23HZ

CHICA 31C-23HZ
WELL LOCATION CERTIFICATE
301' FNL & 312' FWL NWNW (SURFACE)
LOCATED IN SECTION 35
200' FSL & 73' FWL SWSW (HEEL)
LOCATED IN SECTION 26
912' FNL & 58' FWL NWNW (BOTTOM)
LOCATED IN SECTION 23
T3N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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



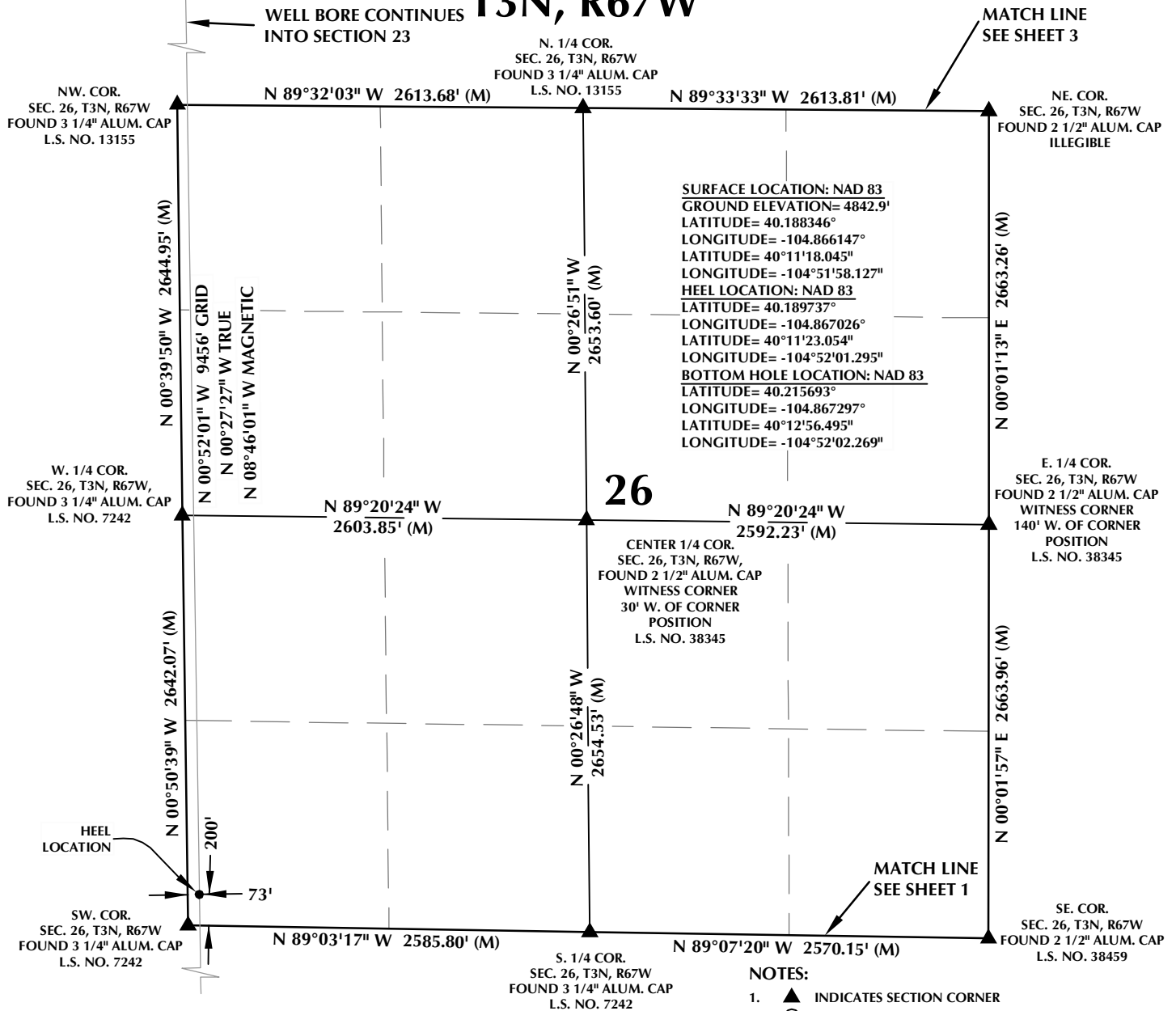
CONSULTING, LLC

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: 1
DATE DRAFTED: 10/26/16	DATE SURVEYED: 10/3/16	1 OF 3
REVISED:	FILE NAME: 15-38	

T3N, R67W



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.

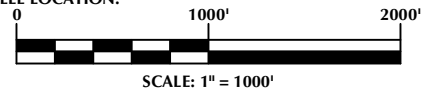
Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 18512

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 10/3/2016.
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
 COMBINED SCALE FACTOR: .99973037 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 35, T3N, R67W
- OPERATOR: ROB WILSON / PDOP = 1.6
- 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°52'01"W, 9456' FROM THE HEEL LOCATION.



WELL PAD - CHICA 4N2-23HZ

CHICA 31C-23HZ
 WELL LOCATION CERTIFICATE
 301' FNL & 312' FWL NWNW (SURFACE)
 LOCATED IN SECTION 35
 200' FSL & 73' FWL SWSW (HEEL)
 LOCATED IN SECTION 26
 912' FNL & 58' FWL NWNW (BOTTOM)
 LOCATED IN SECTION 23
 T3N, R67W, 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:
DATE DRAFTED:	10/26/16	DATE SURVEYED:	10/3/16	2
REVISED:		FILE NAME:	15-38	2 OF 3

[illegible]

NW. COR.
SEC. 23, T3N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE ▲

N. 1/4 COR.
SEC. 23, T3N, R67W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 20676

NE. COR.
SEC. 23, T3N, R67W
SET 2 WITNESS CORNERS
2 1/2" ALUM. CAP
P.L.S. NO. 38512

N. 1/16 COR.
SEC. 22 & SEC. 23
T3N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 34995

N. 1/16 COR.
SEC. 23 & SEC. 24
T3N, R67W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512

W. 1/4 COR.
SEC. 23, T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 23520

E. 1/4 COR.
SEC. 23, T3N, R67W
FOUND 3 1/4" ALUM. CAP
WITNESS COR.
5' SOUTH OF CORNER
POSITION
L.S. NO. 37041

S. 1/16 COR.
SEC. 22 & SEC. 23
T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 24305

S. 1/16 COR.
SEC. 23 & SEC. 24
T3N, R67W
FOUND 2" ALUM. CAP
ILLEGIBLE

SW. COR.
SEC. 23, T3N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

S. 1/4 COR.
SEC. 23, T3N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

SE. COR.
SEC. 23, T3N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4842.9'
 LATITUDE= 40.188346°
 LONGITUDE= -104.866147°
 LATITUDE= 40°11'18.045"
 LONGITUDE= -104°51'58.127"
HEEL LOCATION: NAD 83
LATITUDE= 40.189737°
 LONGITUDE= -104.867026°
 LATITUDE= 40°11'23.054"
 LONGITUDE= -104°52'01.295"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.215693°
 LONGITUDE= -104.867297°
 LATITUDE= 40°12'56.495"
 LONGITUDE= -104°52'02.269"

CENTER 1/4 COR.
SEC. 23, T3N, R67W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 13155

08" W N 89°12'01" W
1' (M) CE. 1/16 COR. 1294.65' (M)
SEC. 23, T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38345

CS. 1/16 COR.
SEC. 23, T3N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38345

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
 10/26/16

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 10/3/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

NOTES:

1. ▲ INDICATES SECTION CORNER
2. ◎ INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID12B)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99973037 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 35, T3N, R67W
6. OPERATOR: ROB WILSON / PDOP = 1.6
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°52'01"W, 9456' FROM THE HEEL LOCATION.

0 1000' 2000'

SCALE: 1" = 1000'

WELL PAD - CHICA 4N2-23HZ

CHICA 31C-23HZ
WELL LOCATION CERTIFICATE
301' FNL & 312' FWL NWNW (SURFACE)
LOCATED IN SECTION 35
200' FSL & 73' FWL SWSW (HEEL)
LOCATED IN SECTION 26
912' FNL & 58' FWL NWNW (BOTTOM)
LOCATED IN SECTION 23
T3N, R67W, 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: IMO

CHECKED BY:	RKF
-------------	-----

SHEET NO:

DATE DRAFTED: 10/26/16

DATE SURVEYED: 10/3/16

3

REVISÉ:

FILE NAME:	15-38
------------	-------

3 OF 3