

WELL BORE CONTINUES
INTO SECTION 14

T1N, R67W

MATCH LINE
SEE SHEET 1B

NW. COR.
SEC. 23, T1N, R67W
FOUND 2 1/2" ALUM. CAP
NUMBER ILLEGIBLE

N. 1/4 COR.
SEC. 23, T1N, R67W
FOUND 2" ALUM. CAP
NUMBER ILLEGIBLE

NE. COR.
SEC. 23, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 11372

E. 1/4 COR.
SEC. 23, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 23027

SE. COR.
SEC. 23, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 9644

W. 1/4 COR.
SEC. 23, T1N, R67W
FOUND 2 1/2" ALUM. CAP
NUMBER ILLEGIBLE

SW. COR.
SEC. 23, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

W. 1/4 COR.
SEC. 26, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 37890

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.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 4836

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.

PUMA 29C-14HZ
SURFACE LOCATION

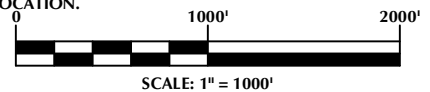
HEEL LOCATION

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4990.5'
LATITUDE= 40.030157°
LONGITUDE= -104.864589°
LATITUDE= 40°01'48.566"
LONGITUDE= -104°51'52.519"
HEEL LOCATION: NAD 83
LATITUDE= 40.029498°
LONGITUDE= -104.862992°
LATITUDE= 40°01'46.194"
LONGITUDE= -104°51'46.770"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.045719°
LONGITUDE= -104.863038°
LATITUDE= 40°02'44.587"
LONGITUDE= -104°51'46.936"

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: .99972876
- OPERATOR: ROB WILSON / PDOP = 1.3
- 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°32'12"W, 5909' FROM THE HEEL LOCATION.

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 8/11/2015.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



WELL PAD - PUMA 4C-14HZ

PUMA 29C-14HZ
WELL LOCATION CERTIFICATE
290' FSL & 751' FWL SWSW (SURFACE)
50' FSL & 1198' FWL SWSW (HEEL)
LOCATED IN SECTION 23
700' FSL & 1190' FWL SWSW (BOTTOM)
LOCATED IN SECTION 14
T1N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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



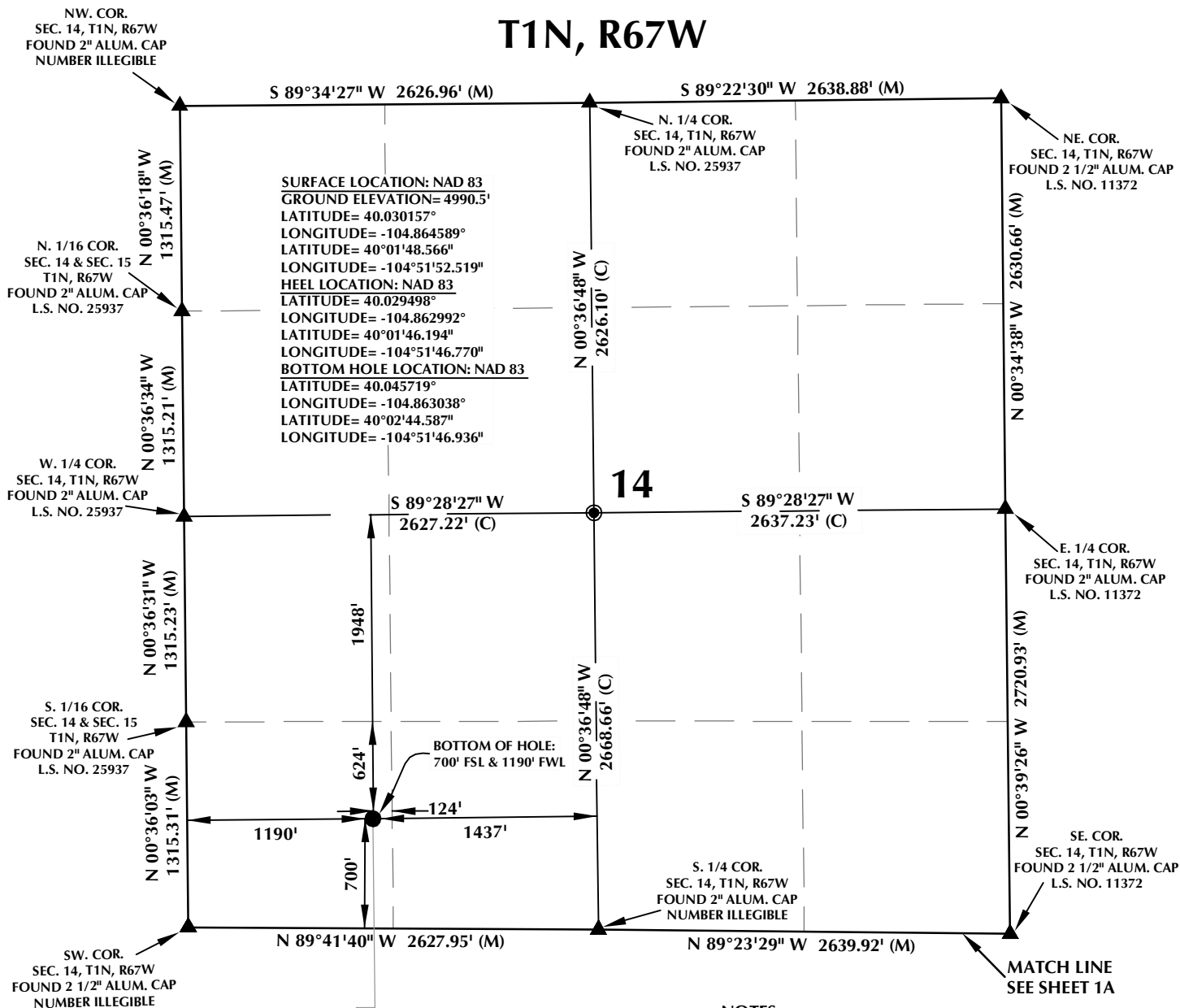
CONSULTING, LLC

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

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|---------------|---------|----------------|--------|-----------|
| DRAFTED BY: | LMO | CHECKED BY: | BJR | SHEET NO: |
| DATE DRAFTED: | 8/19/15 | DATE SURVEYED: | 5/7/15 | 1A |
| REVISED: | | FILE NAME: | 15-42 | 1A OF 1 |

T1N, R67W



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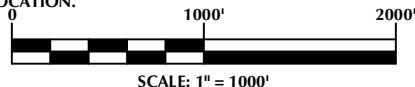
Benjamin J. Reenders
 BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 14306
 8/19/15

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WELL PAD - PUMA 4C-14HZ

PUMA 29C-14HZ
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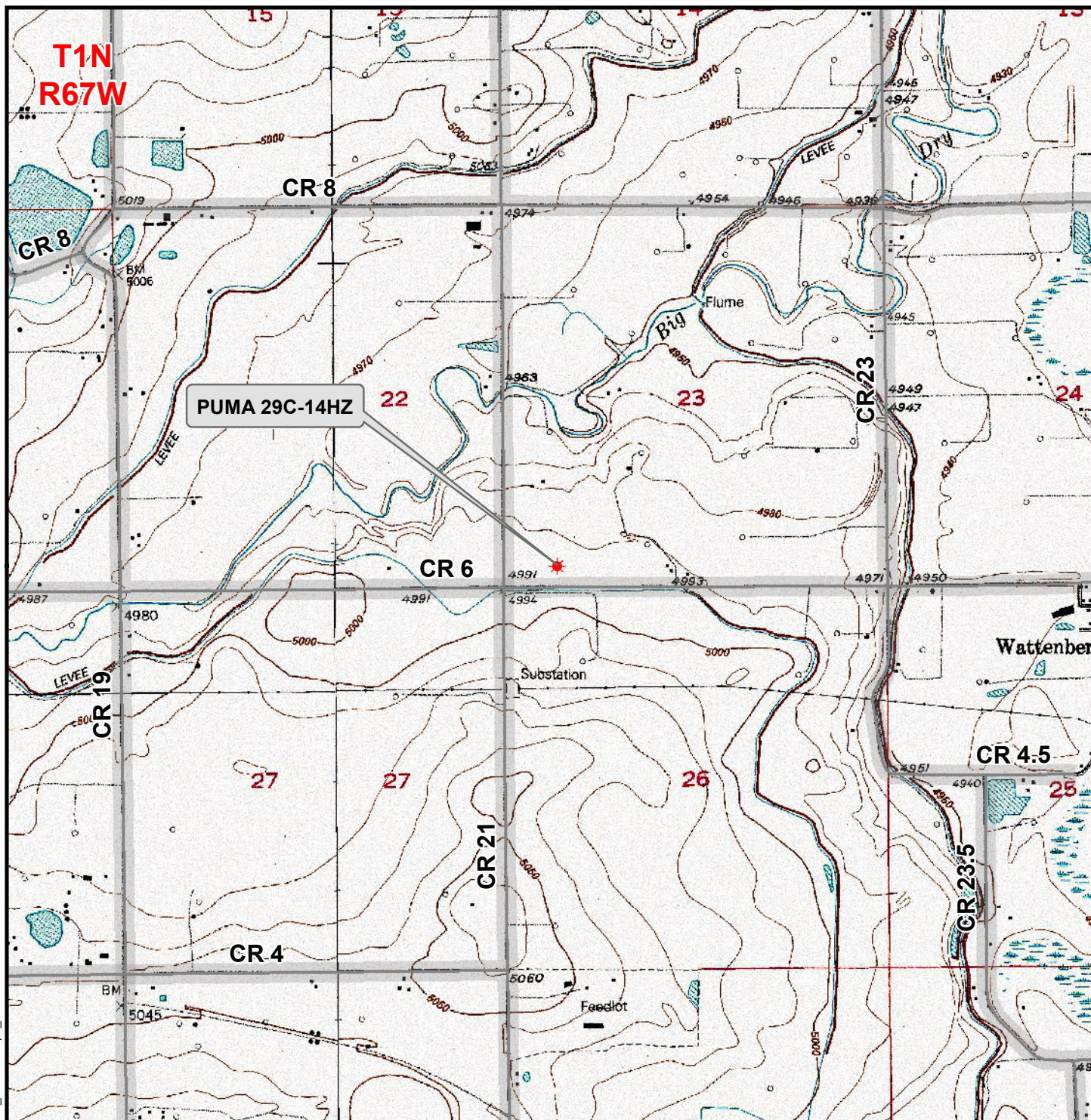
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Legend

- Well - Federal - Proposed
- Well - Fee - Proposed
- Road - Primitive - Existing
- Road - Improved - Existing
- Road - County - Existing
- Road - Highway - Existing

WELL PAD - PUMA 4C-14HZ
GENERAL LOCATION MAP
PUMA 29C-14HZ
LOCATED IN SECTION 23
T1N, R67W, 6th P.M.
WELD COUNTY, COLORADO

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Phone 970-776-4331



SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: JELO

DATE: 31 July 2015

REVISED:

DATE: