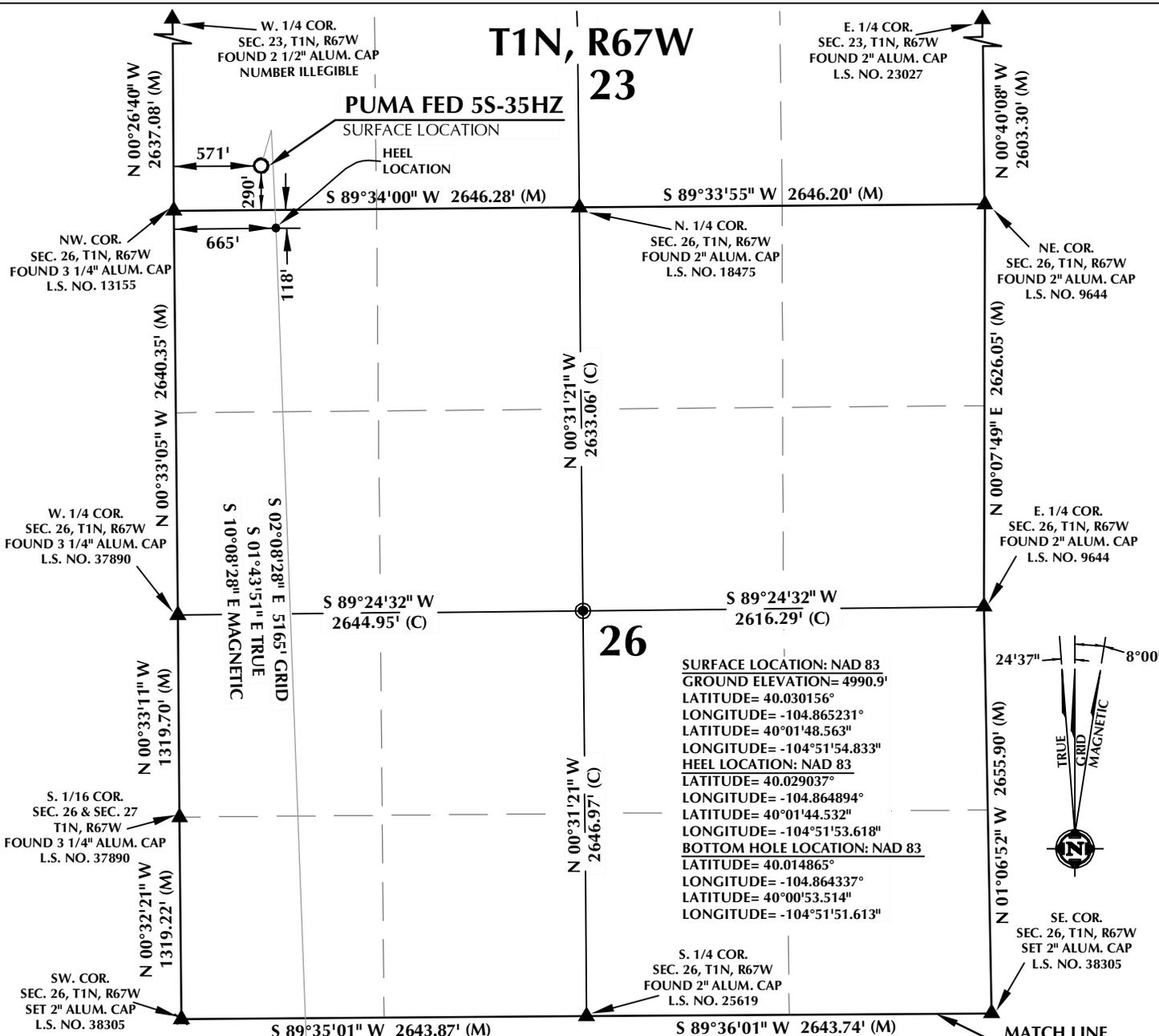
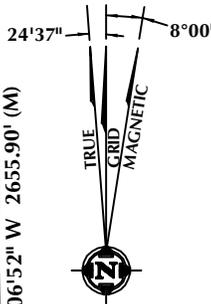


T1N, R67W 23



SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4990.9'
 LATITUDE= 40.030156°
 LONGITUDE= -104.865231°
 LATITUDE= 40°01'48.563"
 LONGITUDE= -104°51'54.833"
HEEL LOCATION: NAD 83
 LATITUDE= 40.029037°
 LONGITUDE= -104.864894°
 LATITUDE= 40°01'44.532"
 LONGITUDE= -104°51'53.618"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.014865°
 LONGITUDE= -104.864337°
 LATITUDE= 40°00'53.514"
 LONGITUDE= -104°51'51.613"



CERTIFICATE OF SURVEYOR:

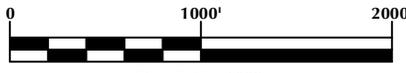
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S.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

Benjamin J. Reenders
 BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 18306

WELL BORE CONTINUES INTO SECTION 35

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 = 1.2
- 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 S02°08'28"E, 5165' 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 FED 5S-35HZ
 WELL LOCATION CERTIFICATE
 290' FSL & 571' FWL SWSW (SURFACE)
 LOCATED IN SECTION 23
 118' FNL & 665' FWL NWNW (HEEL)
 LOCATED IN SECTION 26
 1' FNL & 809' FWL NWNW (BOTTOM)
 LOCATED IN SECTION 35
 T1N, R67W, 6TH P.M.
 WELD COUNTY, COLORADO

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



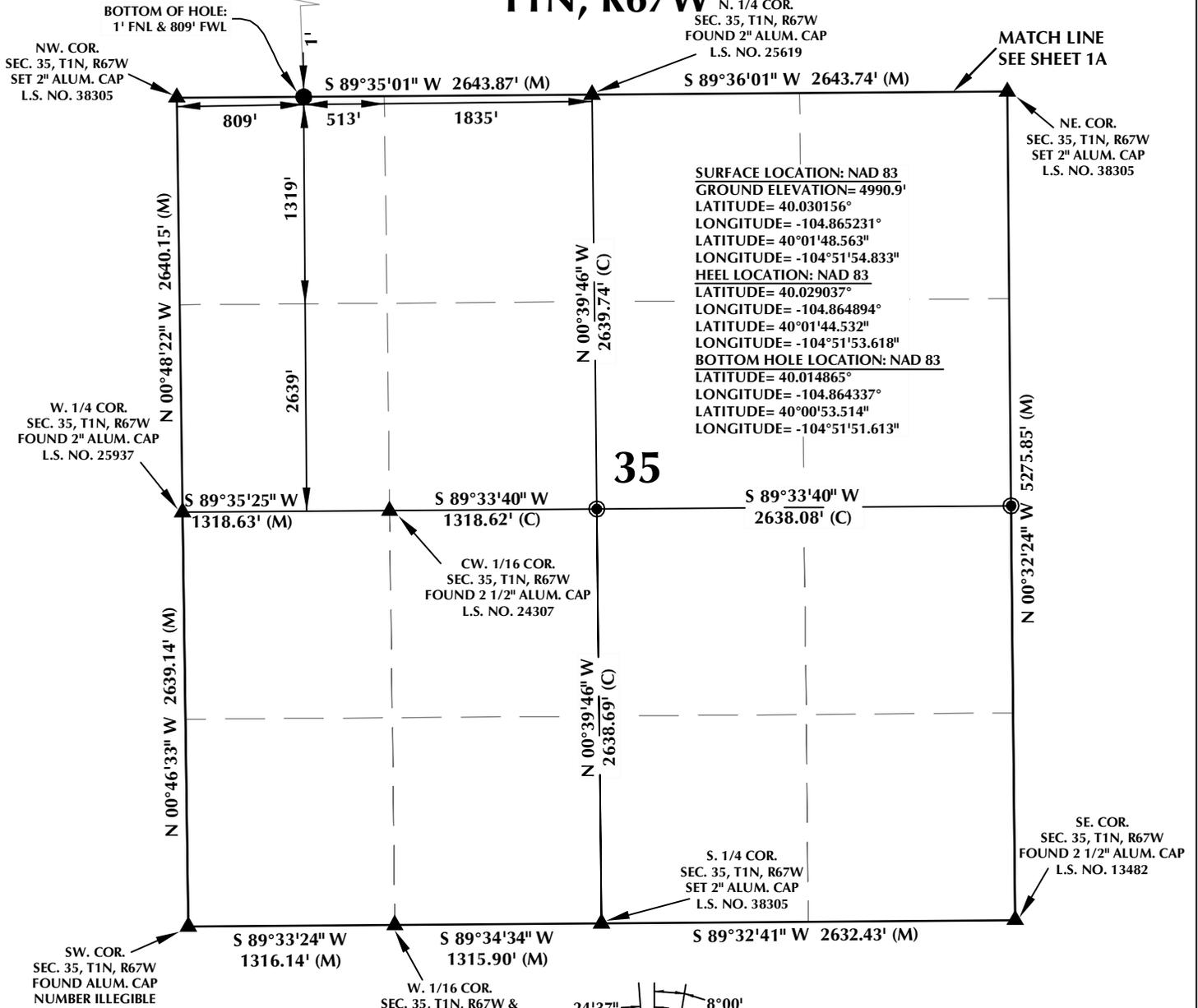
CONSULTING, LLC

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

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

T1N, R67W



SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4990.9'
 LATITUDE= 40.030156°
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35

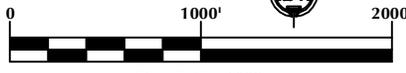
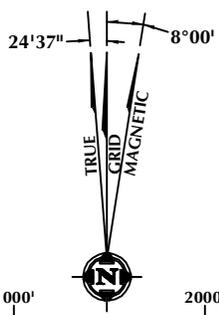
CERTIFICATE OF SURVEYOR:

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. 38-513-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
 BENJAMIN J. REENDERS
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 1836

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.

W. 1/16 COR.
 SEC. 35, T1N, R67W &
 SEC. 2, T1S, R67W
 FOUND 3 1/4" ALUM. CAP
 L.S. NO. 37890



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

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