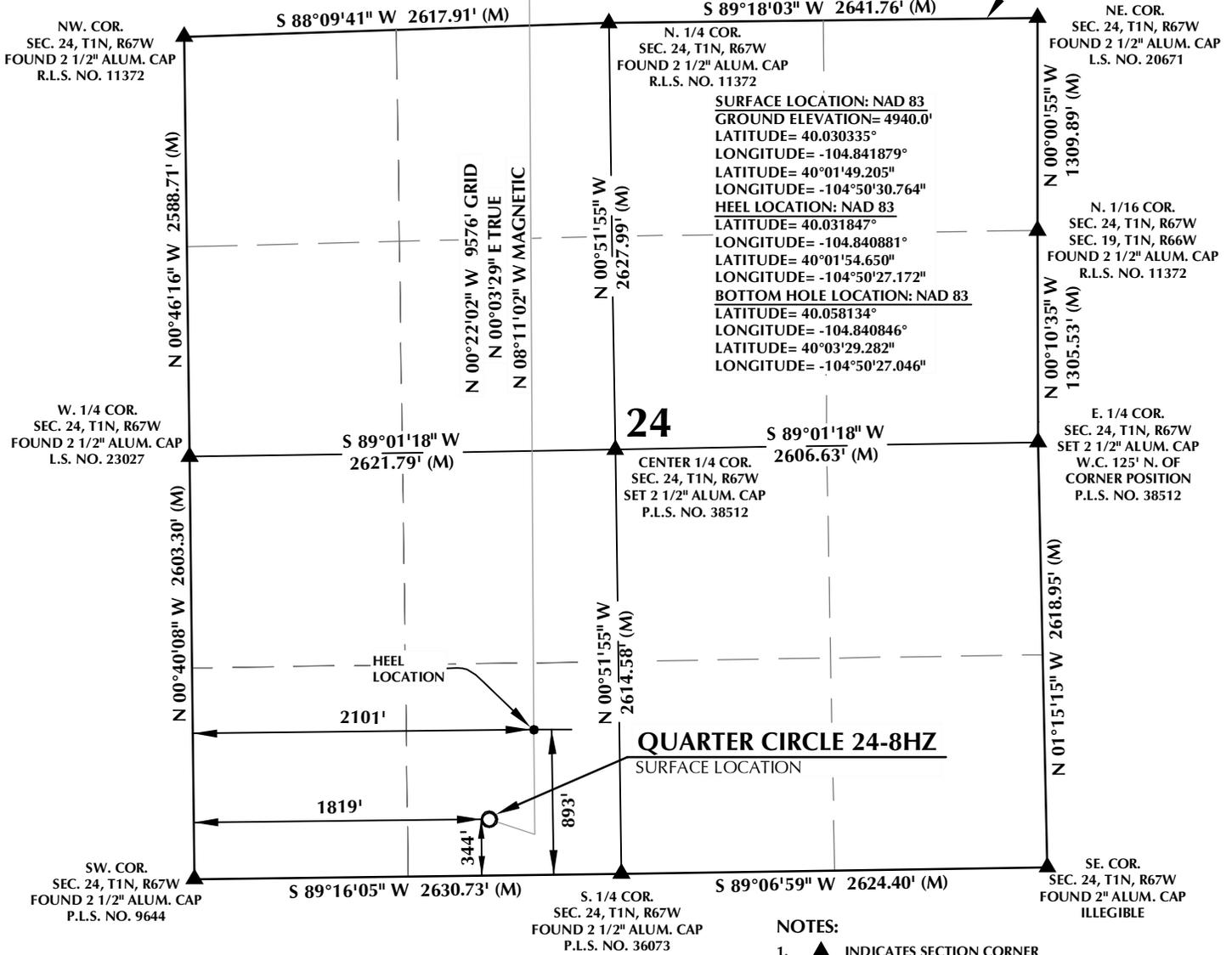


T1N, R67W

WELLBORE CONTINUES INTO SECTION 13

MATCH LINE SEE SHEET 2



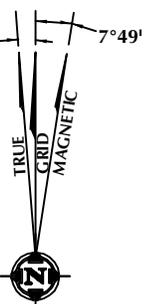
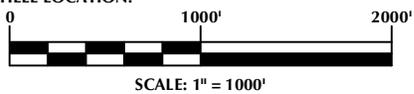
SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4940.0'
 LATITUDE= 40.030335°
 LONGITUDE= -104.841879°
 LATITUDE= 40°01'49.205"
 LONGITUDE= -104°50'30.764"
HEEL LOCATION: NAD 83
 LATITUDE= 40.031847°
 LONGITUDE= -104.840881°
 LATITUDE= 40°01'54.650"
 LONGITUDE= -104°50'27.172"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.058134°
 LONGITUDE= -104.840846°
 LATITUDE= 40°03'29.282"
 LONGITUDE= -104°50'27.046"

24
 CENTER 1/4 COR.
 SEC. 24, T1N, R67W
 SET 2 1/2" ALUM. CAP
 P.L.S. NO. 38512

QUARTER CIRCLE 24-8HZ
 SURFACE LOCATION

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: .99973172 CALCULATED FROM THE SE. CORNER OF SECTION 24, T1N, R67W
- 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°22'02"W, 9576' FROM THE HEEL LOCATION.



NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 2/7/2017.
 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 THESE 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 418/17

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 - QUARTER CIRCLE 24-8HZ

QUARTER CIRCLE 24-8HZ
WELL LOCATION CERTIFICATE
 344' FSL & 1819' FWL SESW (SURFACE)
 893' FSL & 2101' FWL SESW (HEEL)
 LOCATED IN SECTION 24
 50' FNL & 2151' FWL NENW (BOTTOM)
 LOCATED IN SECTION 13
 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: RKF	SHEET NO: 1 1 OF 2
DATE DRAFTED: 4/18/17	DATE SURVEYED: 12/8/16	
REVISED:	FILE NAME: 14-102	

T1N, R67W

E. 1/16 COR.
SEC. 12 & SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

NW. COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

NE. COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

W. 1/4 COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

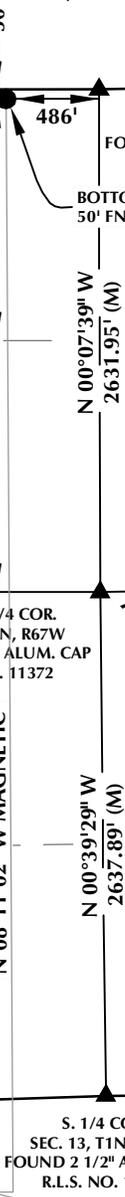
E. 1/4 COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

S. 1/16 COR.
SEC. 13 & SEC. 14
T1N, R67W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512

S. 1/16 COR.
SEC. 13, T1N, R67W &
SEC. 18, T1N, R66W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

SW. COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
R.L.S. NO. 11372

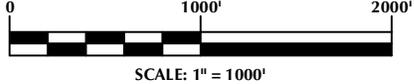
SE. COR.
SEC. 13, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 20671



SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4940.0'
LATITUDE= 40.030335°
LONGITUDE= -104.841879°
HEEL LOCATION: NAD 83
LATITUDE= 40.031847°
LONGITUDE= -104.840881°
LATITUDE= 40°01'54.650"
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BOTTOM HOLE LOCATION: NAD 83
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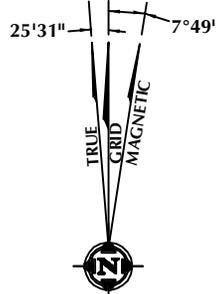


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Randall K. French
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 418/17

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WELL PAD - QUARTER CIRCLE 24-8HZ

QUARTER CIRCLE 24-8HZ
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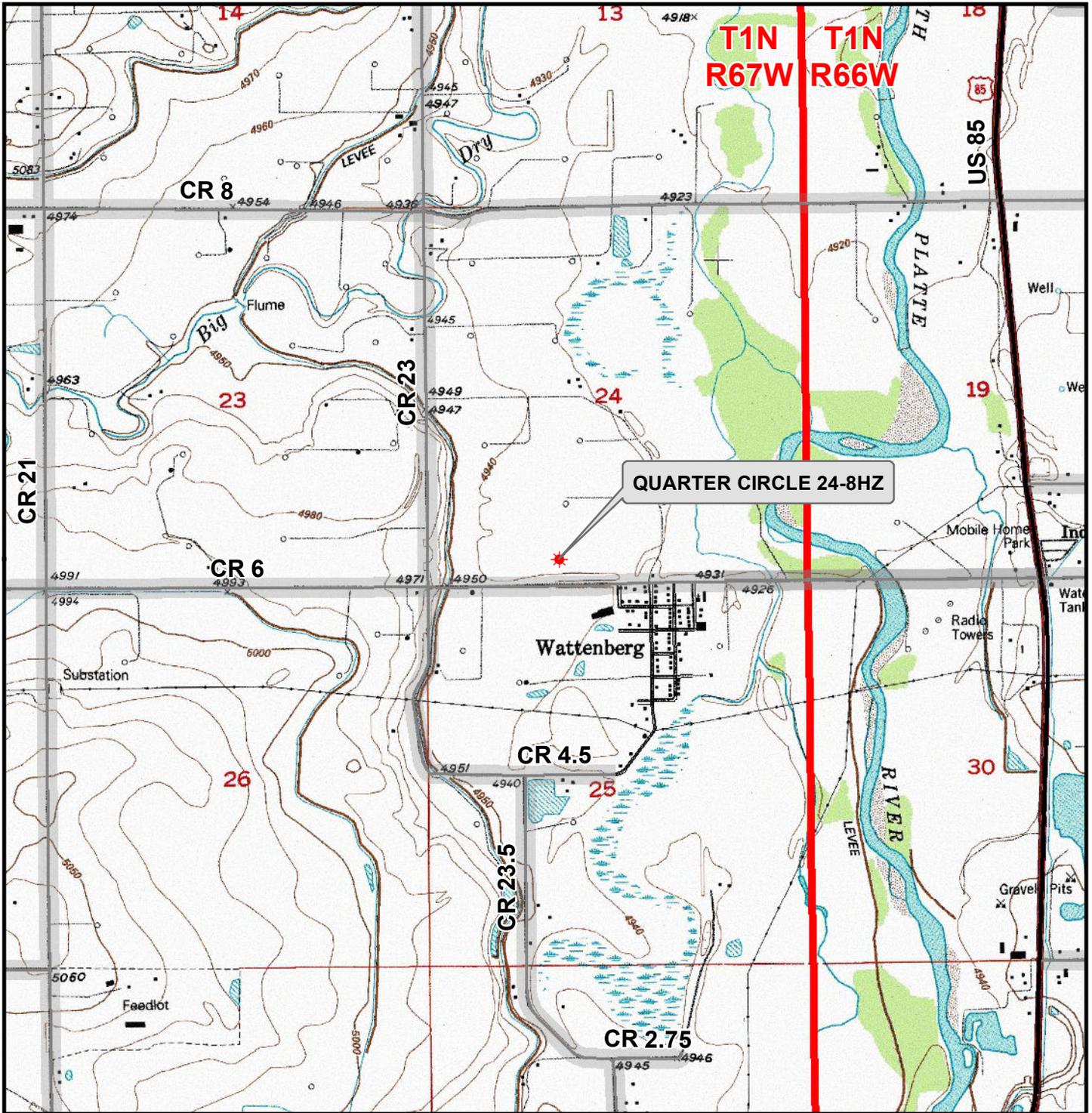
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DATE DRAFTED: 4/18/17	DATE SURVEYED: 12/8/16	
REVISED:	FILE NAME: 14-102	

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Legend

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

WELL PAD - QUARTER CIRCLE 24-8HZ

**GENERAL LOCATION MAP
 QUARTER CIRCLE 24-8HZ
 LOCATED IN SECTION 24
 T1N, R67W, 6th P.M.
 WELD COUNTY, COLORADO**

**Kerr-McGee Oil &
 Gas Onshore L.P.**

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 Sheridan, Wyoming 82801 Loveland, Colorado 80538
 Phone 307-674-0609 Phone 970-776-4331

SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: DP

DATE: 18 Apr 2017

REVISED:

DATE:

