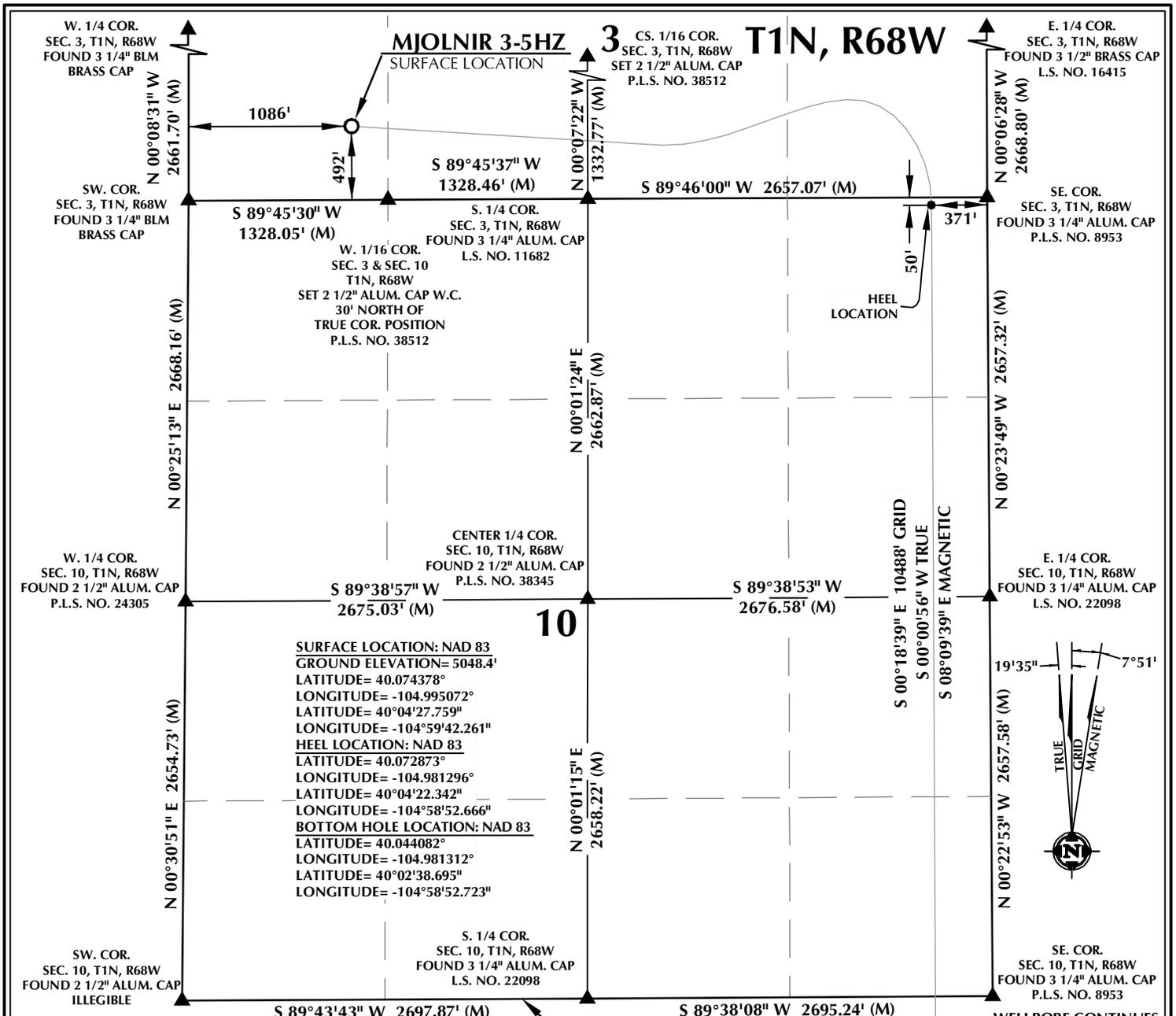


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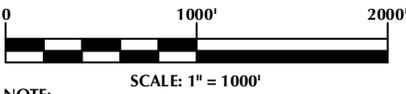


CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS 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. 17-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
8/9/18
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST TAKE 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 7/30/2018.
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: .99972335 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 3, T1N, R68W.
- OPERATOR: PRESTON KNUTSEN / PDOP = 1.4.
- 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 S00°18'39"E, 10488' FROM THE HEEL LOCATION.

WELL PAD - MJOLNIR 13-3HZ PAD

MJOLNIR 3-5HZ
WELL LOCATION CERTIFICATE
492' FSL & 1086' FWL SWSW (SURFACE)
LOCATED IN SECTION 3
50' FNL & 371' FEL NENE (HEEL)
LOCATED IN SECTION 10
51' FSL & 357' FEL SESE (BOTTOM)
LOCATED IN SECTION 15
T1N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

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



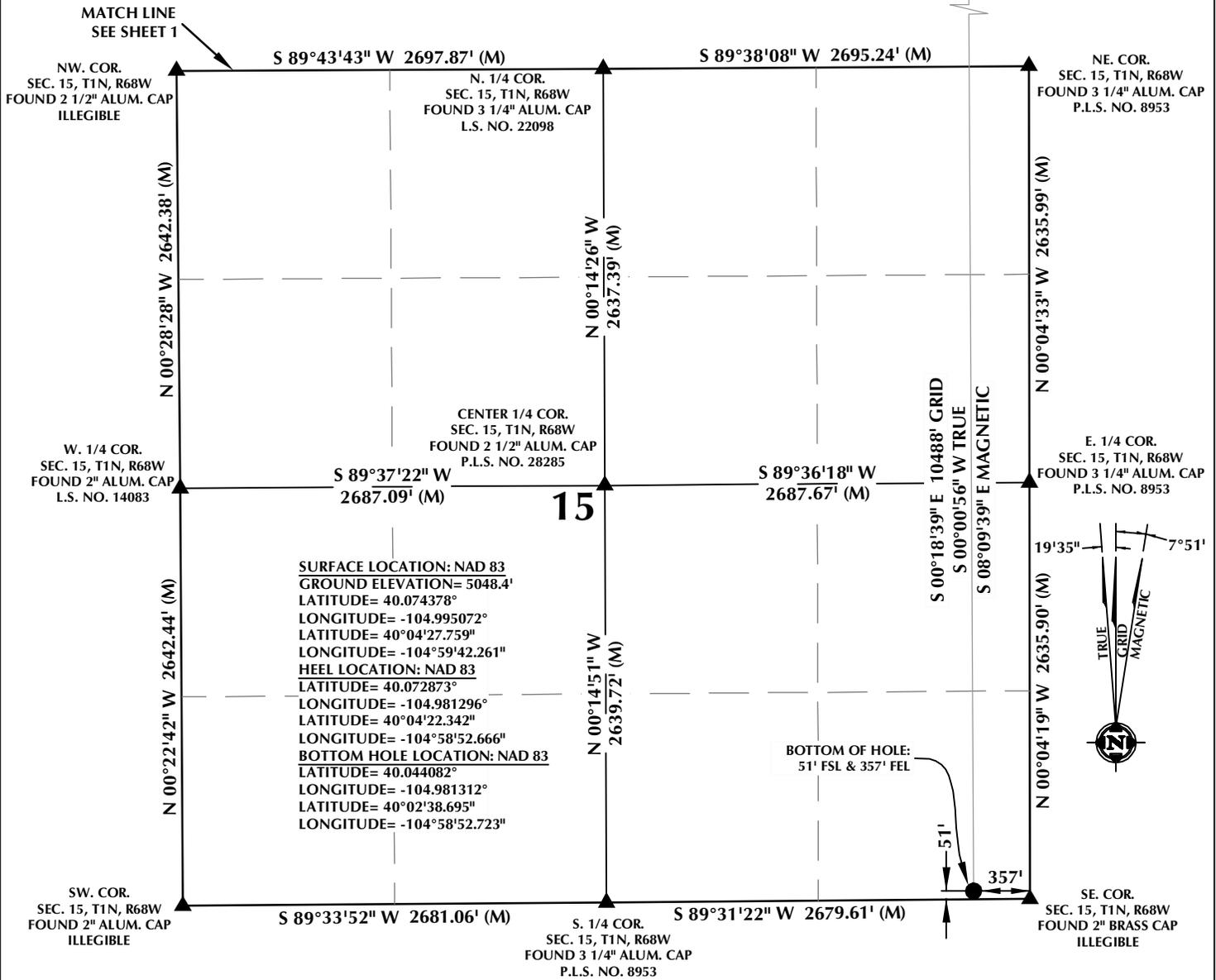
CONSULTING, LLC

SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

LOVELAND OFFICE
6706 North Franklin Avenue
Loveland, Colorado 80538
Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:	1 1 OF 2
DATE DRAFTED:	8/9/18	DATE SURVEYED:	7/30/18		
REVISED:		FILE NAME:	14-106		

T1N, R68W

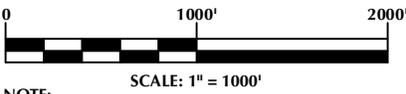


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Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
8/9/18
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

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WELL PAD - MJOLNIR 13-3HZ PAD

MJOLNIR 3-5HZ
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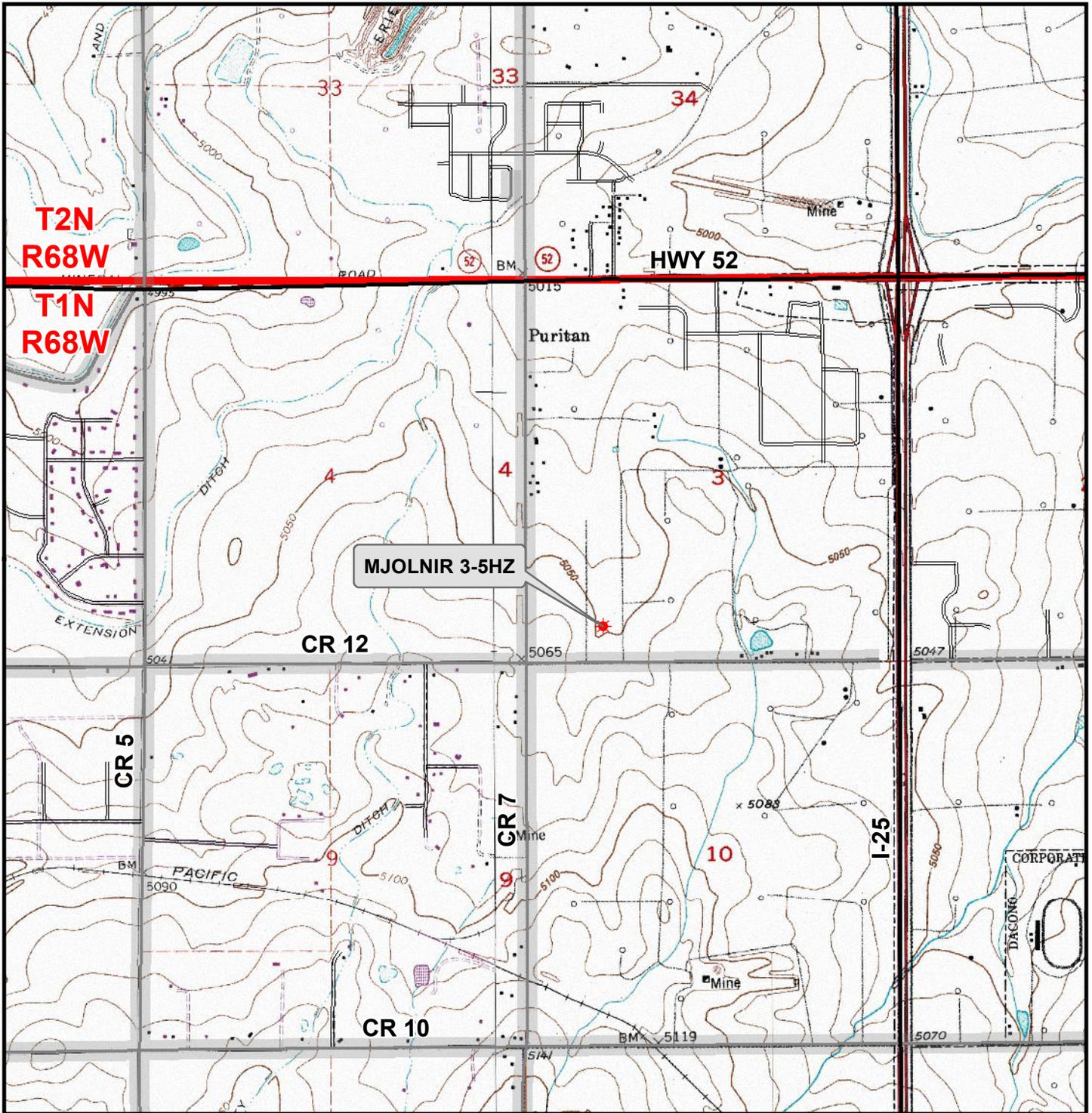
609 CONSULTING, LLC

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DATE DRAFTED:	8/9/18	DATE SURVEYED:	7/30/18	2
REVISED:		FILE NAME:	14-106	2 OF 2

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Legend

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

WELL PAD - MJOLNIR 13-3HZ
GENERAL LOCATION MAP
MJOLNIR 3-5HZ
LOCATED IN SECTION 3
T1N, R68W, 6th P.M.
WELD COUNTY, COLORADO

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 1099 18th Street
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 Phone 970-776-4331



SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: DP

DATE: 6 Aug 2018

REVISED:

DATE: