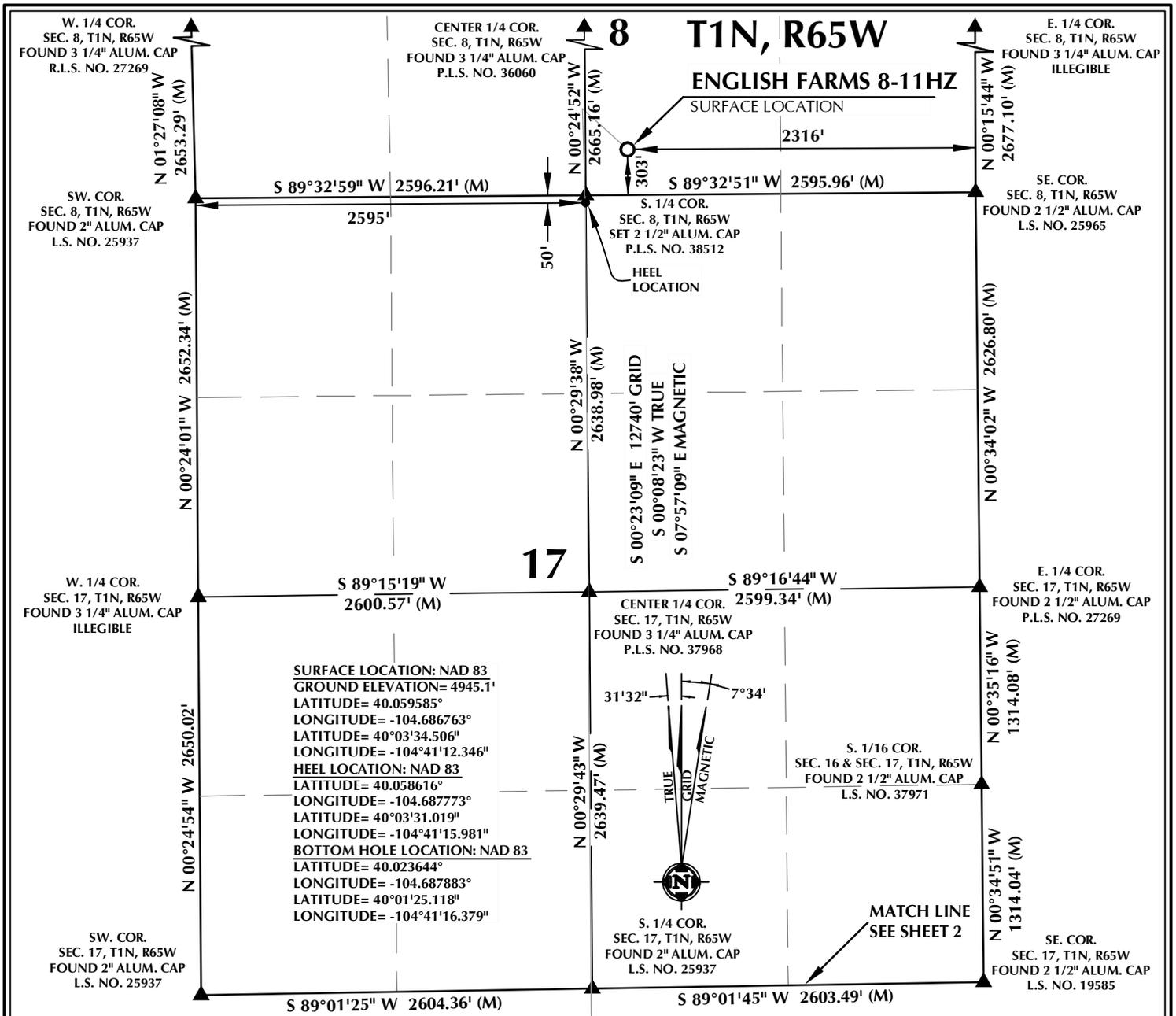


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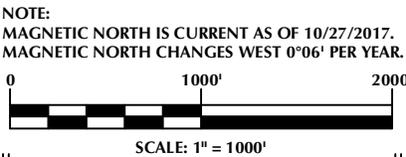
CERTIFICATE OF SURVEYOR:

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Randall K. French
PROFESSIONAL LAND SURVEYOR
 38512
 11/21/17
 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.

WELLBORE CONTINUES INTO SECTION 20



NOTES:

- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- ELEVATION BASED ON NAVD88 (GEOID 12B).
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99972920 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 8, T1N, R65W.
- OPERATOR: MARC RITT / 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 S00°23'09"E, 12740' FROM THE HEEL LOCATION.

WELL PAD - ENGLISH FARMS 8-10HZ

ENGLISH FARMS 8-11HZ
WELL LOCATION CERTIFICATE
 303' FSL & 2316' FEL SWSE (SURFACE)
 LOCATED IN SECTION 8
 50' FNL & 2595' FWL NENW (HEEL)
 LOCATED IN SECTION 17
 2181' FNL & 2635' FEL SWNE (BOTTOM)
 LOCATED IN SECTION 29
 T1N, R65W, 6TH P.M.
 WELD COUNTY, COLORADO

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



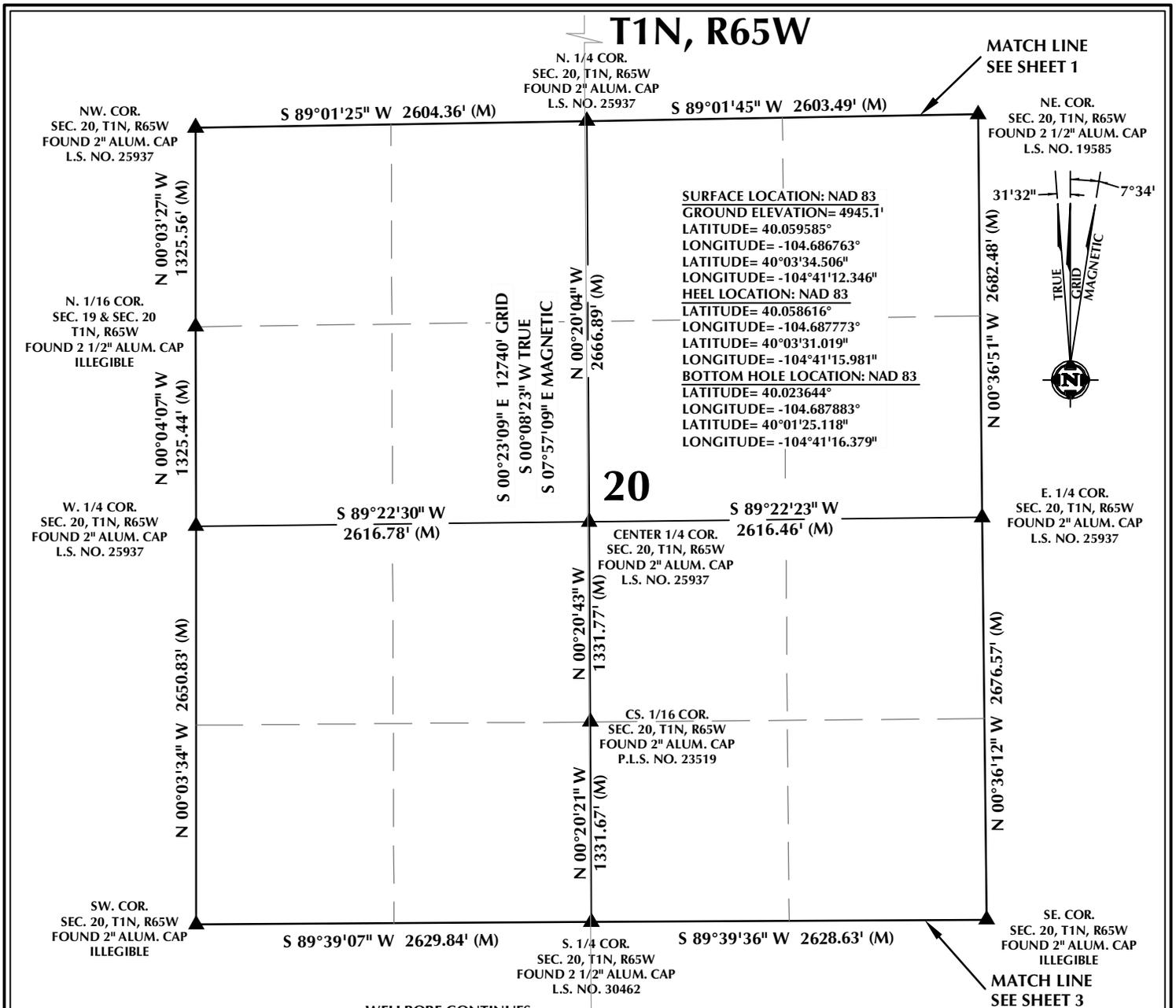
CONSULTING, LLC

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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DATE DRAFTED: 11/21/17	DATE SURVEYED: 7/24/17	
REVISED:	FILE NAME: 17-119	

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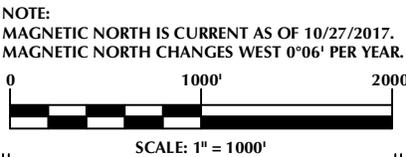


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Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
11/21/17
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

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Denver, Colorado 80202

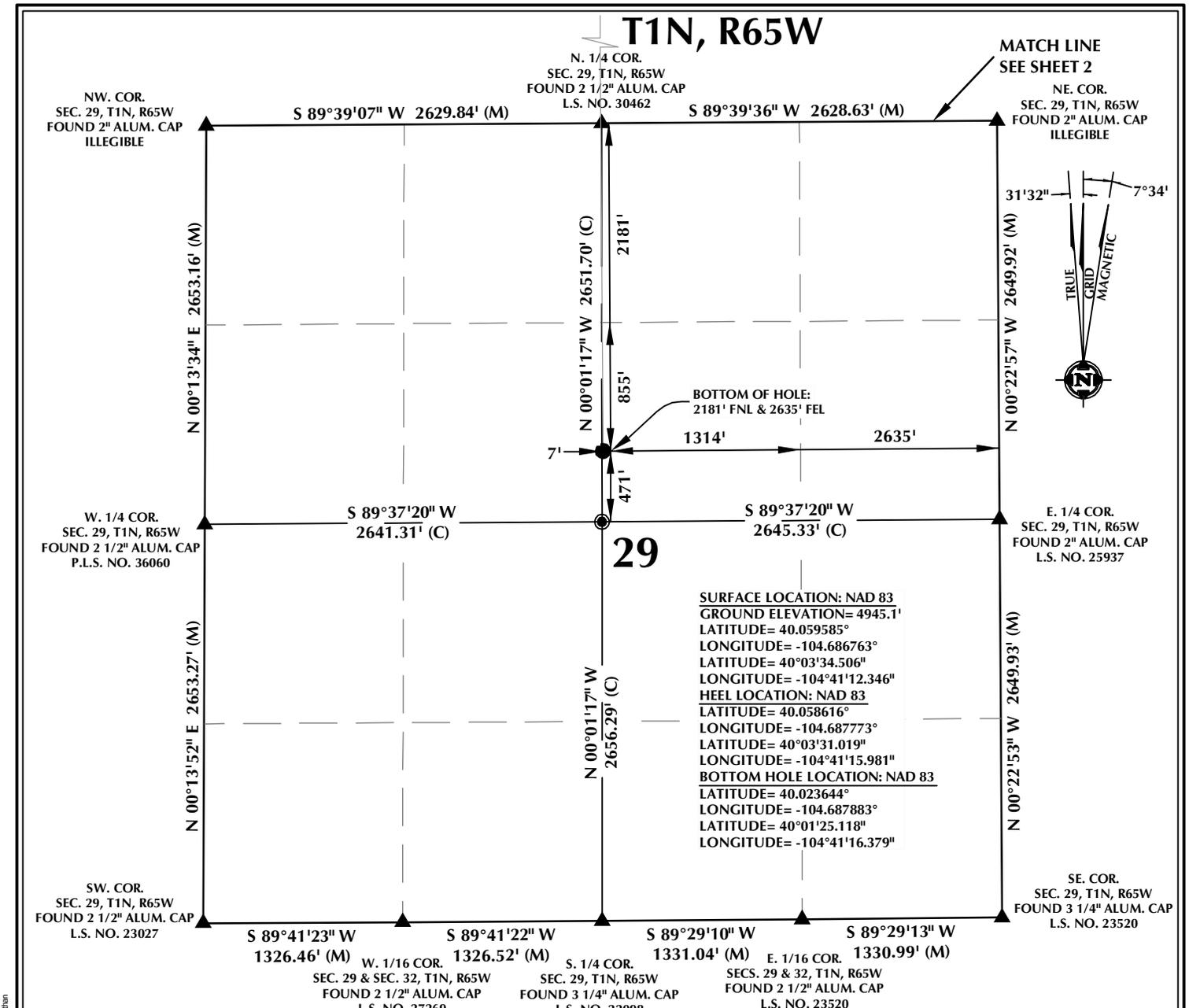


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DATE DRAFTED: 11/21/17	DATE SURVEYED: 7/24/17	
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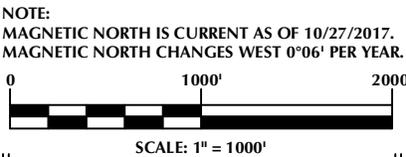


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