

K:\AMARCO\2017\119_ENGLISH_FARMS_T1N_R65W_SEC_8\PLATS\8-10HZ\ENGLISH_FARMS_8-10HZ_PLATS.dwg, 11/21/2017 8:12:29 AM, randy



CONSULTING, LLC

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

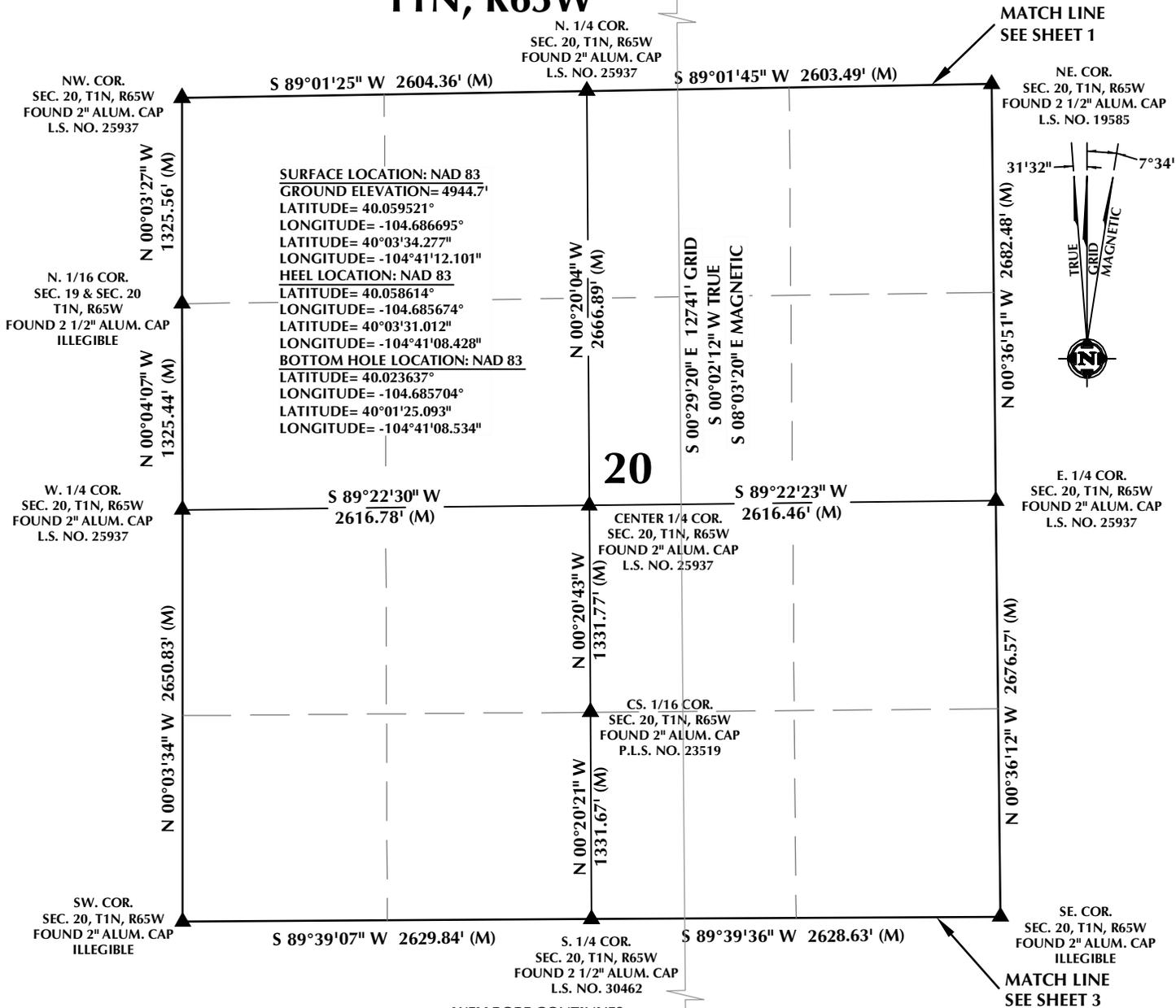
LOVELAND OFFICE
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Kerr-McGee Oil & Gas Onshore L.P.

1099 18th Street
Denver, Colorado 80202

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T1N, R65W

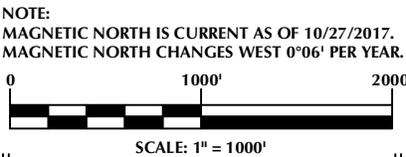


CERTIFICATE OF SURVEYOR:

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. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

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



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°29'20"E, 12741' FROM THE HEEL LOCATION.

WELL PAD - ENGLISH FARMS 8-10HZ

ENGLISH FARMS 8-13HZ
WELL LOCATION CERTIFICATE
 280' FSL & 2297' FEL SWSE (SURFACE)
 LOCATED IN SECTION 8
 50' FNL & 2010' FEL NWNE (HEEL)
 LOCATED IN SECTION 17
 2181' FNL & 2025' FEL SWNE (BOTTOM)
 LOCATED IN SECTION 29
 T1N, R65W, 6TH P.M.
 WELD COUNTY, COLORADO

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T1N, R65W

N. 1/4 COR.
SEC. 29, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

MATCH LINE
SEE SHEET 2

NE. COR.
SEC. 29, T1N, R65W
FOUND 2" ALUM. CAP
ILLEGIBLE

NW. COR.
SEC. 29, T1N, R65W
FOUND 2" ALUM. CAP
ILLEGIBLE

S 89°39'07" W 2629.84' (M)

S 89°39'36" W 2628.63' (M)

N 00°13'34" E 2653.16' (M)

N 00°01'17" W 2651.70' (C)

31'32" 7°34"

N 00°22'57" W 2649.92' (M)



BOTTOM OF HOLE:
2181' FNL & 2025' FEL

N 00°01'17" W 2651.70' (C)

N 00°01'17" W 2656.29' (C)

N 00°22'53" W 2649.93' (M)

29

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4944.7'
LATITUDE= 40.059521°
LONGITUDE= -104.686695°
LATITUDE= 40°03'34.277"
LONGITUDE= -104°41'12.101"
HEEL LOCATION: NAD 83
LATITUDE= 40.058614°
LONGITUDE= -104.685674°
LATITUDE= 40°03'31.012"
LONGITUDE= -104°41'08.428"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.023637°
LONGITUDE= -104.685704°
LATITUDE= 40°01'25.093"
LONGITUDE= -104°41'08.534"

W. 1/4 COR.
SEC. 29, T1N, R65W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 36060

S 89°37'20" W 2641.31' (C)

S 89°37'20" W 2645.33' (C)

E. 1/4 COR.
SEC. 29, T1N, R65W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°13'52" E 2653.27' (M)

SW. COR.
SEC. 29, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23027

S 89°41'23" W 1326.46' (M)

S 89°41'22" W 1326.52' (M)

S 89°29'10" W 1331.04' (M)

S 89°29'13" W 1330.99' (M)

W. 1/16 COR.
SEC. 29 & SEC. 32, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 27269

S. 1/4 COR.
SEC. 29, T1N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 22098

E. 1/16 COR.
SECS. 29 & 32, T1N, R65W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23520

SE. COR.
SEC. 29, T1N, R65W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 23520

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38512
PROFESSIONAL LAND SURVEYOR

RANDALL K. FRENCH
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11/21/17
COLORADO REGISTRATION NUMBER 38512

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NOTE:
MAGNETIC NORTH IS CURRENT AS OF 10/27/2017.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

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