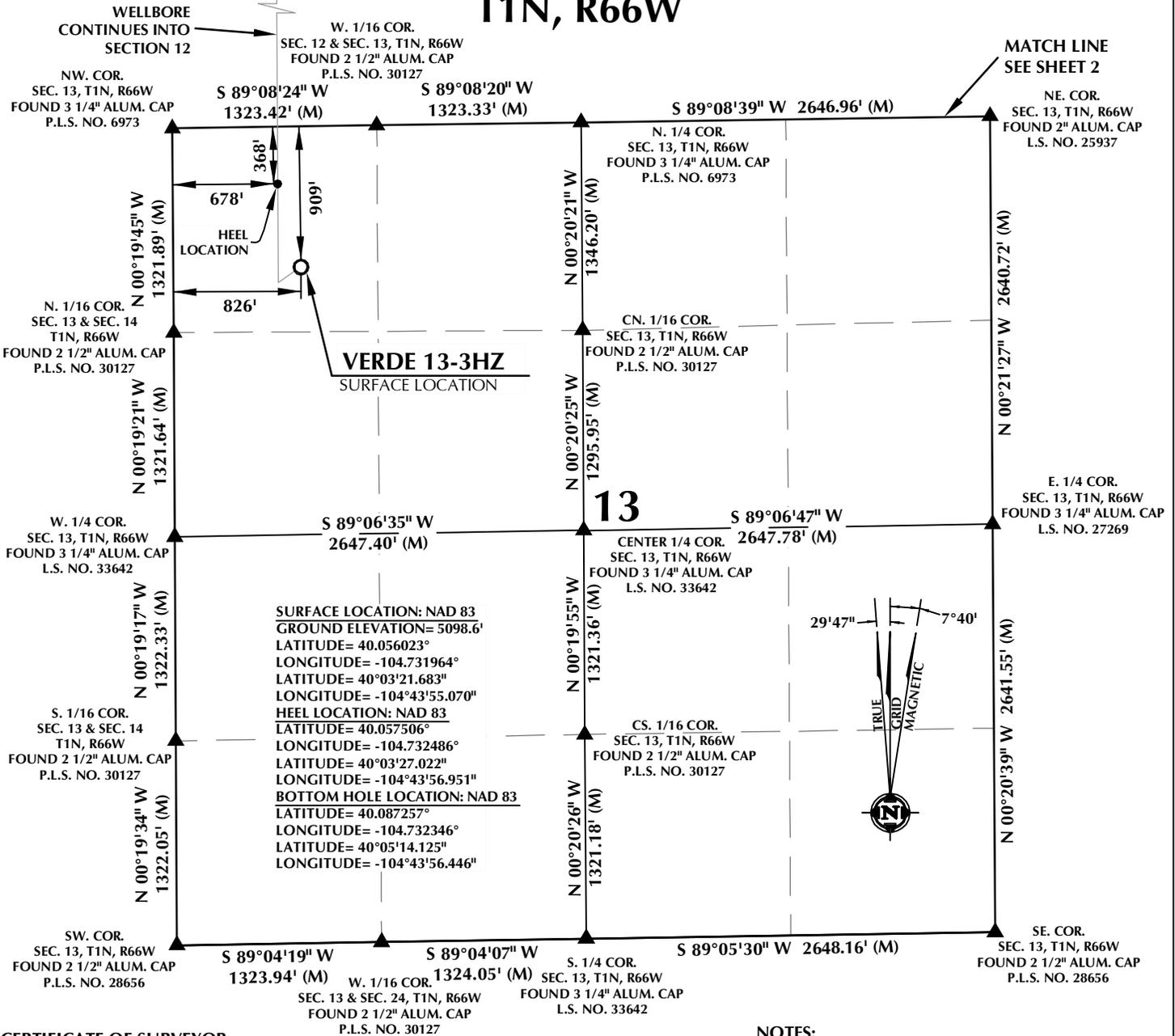


T1N, R66W

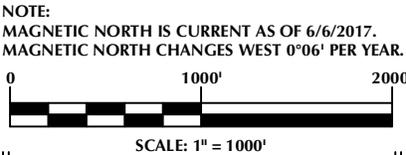


SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 5098.6'
 LATITUDE= 40.056023°
 LONGITUDE= -104.731964°
 LATITUDE= 40°03'21.683"
 LONGITUDE= -104°43'55.070"
HEEL LOCATION: NAD 83
 LATITUDE= 40.057506°
 LONGITUDE= -104.732486°
 LATITUDE= 40°03'27.022"
 LONGITUDE= -104°43'56.951"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.087257°
 LONGITUDE= -104.732346°
 LATITUDE= 40°05'14.125"
 LONGITUDE= -104°43'56.446"

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. §§ 5-5102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
 RANDALL K. FRENCH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38512
 6/15/17



NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
 COMBINED SCALE FACTOR: .99972250 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 13, T1N, R66W
 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 N00°17'18"W, 10838' FROM THE HEEL LOCATION.

WELL PAD - VERDE 13-3HZ

VERDE 13-3HZ
 WELL LOCATION CERTIFICATE
 909' FNL & 826' FWL NWNW (SURFACE)
 368' FNL & 678' FWL NWNW (HEEL)
 LOCATED IN SECTION 13
 53' FNL & 697' FWL LOT 2 (NWNW) (BOTTOM)
 LOCATED IN SECTION 1
 T1N, R66W, 6TH P.M.
 WELD COUNTY, COLORADO

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



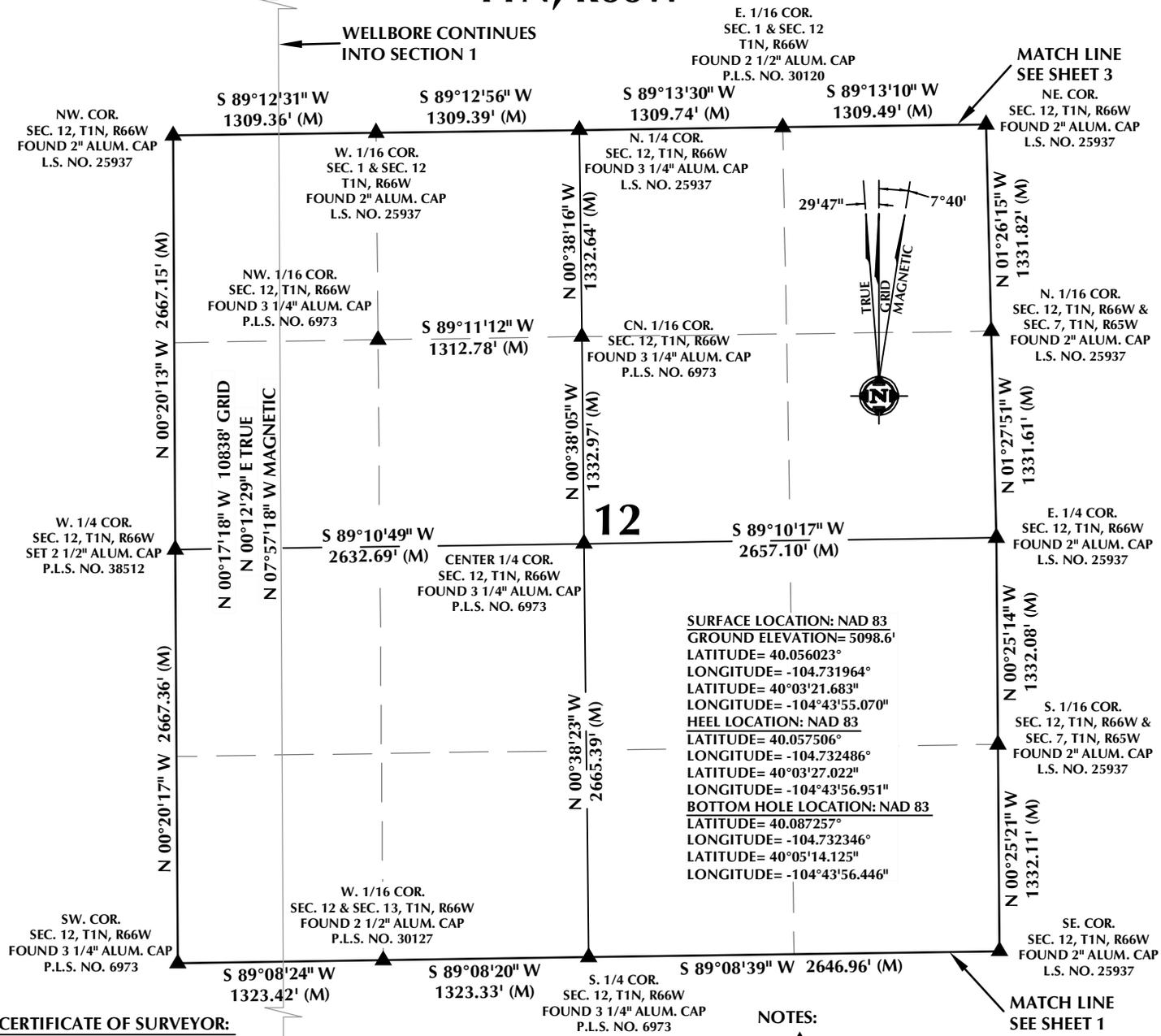
CONSULTING, LLC

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:
DATE DRAFTED:	6/15/17	DATE SURVEYED:	5/11/17	1
REVISED:		FILE NAME:	16-161	1 OF 3

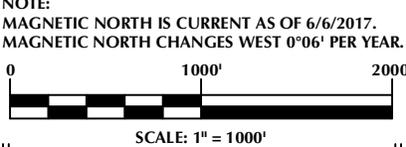
T1N, R66W



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 6/15/17



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REVISED:		FILE NAME:	16-161	2 OF 3

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T1N, R66W

E. 1/16 COR.
SEC. 1, T1N, R66W &
SEC. 36, T2N, R66W
FOUND 2 1/2" ALUM. CAP

NE. COR.
SEC. 1, T1N, R66W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512

NW. COR.
SEC. 1, T1N, R66W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

S 89°17'26" W 1314.49' (M)
S 89°17'04" W 1314.76' (M)

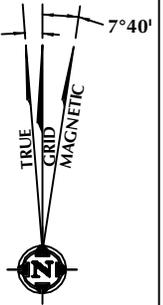
N. 1/4 COR.
SEC. 1, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 30086

W. 1/4 COR.
SEC. 1, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 27269

E. 1/4 COR.
SEC. 1, T1N, R66W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

CENTER 1/4 COR.
SEC. 1, T1N, R66W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5098.6'
LATITUDE= 40.056023°
LONGITUDE= -104.731964°
LATITUDE= 40°03'21.683"
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LATITUDE= 40.087257°
LONGITUDE= -104.732346°
LATITUDE= 40°05'14.125"
LONGITUDE= -104°43'56.446"



S. 1/16 COR.
SEC. 1 & SEC. 2
T1N, R66W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 27269

CW. 1/16 COR.
SEC. 1, T1N, R66W
FOUND 2 1/2" ALUM. CAP
W.C. 50' SOUTH OF
TRUE CORNER
L.S. NO. 37971

SW. 1/16 COR.
SEC. 1, T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 23027

N 00°24'04" W 1308.34' (M)
N 00°24'46" W 1308.95' (M)

S 89°18'22" W 1310.39' (M)

N 00°18'35" W 2607.53' (M)

N 00°12'13" W 2584.44' (M)
N 00°13'41" W 2598.40' (M)

SW. COR.
SEC. 1, T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

S 89°12'31" W 1309.36' (M)

S 89°12'56" W 1309.39' (M)

S 89°13'30" W 1309.74' (M)

S 89°13'10" W 1309.49' (M)

SE. COR.
SEC. 1, T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

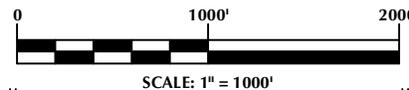
MATCH LINE
SEE SHEET 2

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PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512
6/15/17

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 6/6/2017.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



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- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

WELL PAD - VERDE 13-3HZ

VERDE 13-3HZ
WELL LOCATION CERTIFICATE
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REVISED:	FILE NAME: 16-161	