

T5N, R68W

T5N, R67W

NW. COR. SEC. 13, T5N, R68W FOUND 3 1/2" ALUM. CAP P.L.S. NO. 36061

N. 1/4 COR. SEC. 13, T5N, R68W FOUND 2 1/2" ALUM. CAP L.S. NO. 12374

LARIMER COUNTY WELD COUNTY

N 89°20'26" W 2755.29' (M)

N 89°20'03" W 2746.85' (M)

N 89°41'01" E 2435.87' (M)

NW. COR. SEC. 18, T5N, R67W FOUND 3 1/2" ALUM. CAP ILLEGIBLE

N. 1/4 COR. SEC. 18, T5N, R67W FOUND 2 1/2" ALUM. CAP L.S. NO. 30462

N 00°15'16" E 2661.77' (M)

N 00°27'45" E 2654.24' (M)

N 00°25'25" E 2642.13' (M)

N 00°25'13" E 2642.18' (M)

WELLBORE CONTINUES INTO SECTION 14

S 89°35'18" W 12875' GRID S 89°56'55" W TRUE S 81°46'18" W MAGNETIC

HEEL LOCATION 75'

CENTER 1/4 COR. SEC. 18, T5N, R67W FOUND 2 1/2" ALUM. CAP L.S. NO. 30462

N 89°29'48" W 2745.61' (M)

N 89°35'12" W 2748.62' (M)

N 89°50'33" E 2460.65' (M)

W. 1/4 COR. SEC. 13, T5N, R68W FOUND 3 1/4" ALUM. CAP L.S. NO. 34176

CENTER 1/4 COR. SEC. 13, T5N, R68W FOUND 2" ALUM. CAP P.L.S. NO. 11989

W. 1/4 COR. SEC. 18, T5N, R67W FOUND 3 1/4" ALUM. CAP P.L.S. NO. 10855

DAMORE 18-3HZ SURFACE LOCATION

N 00°16'15" E 1320.02' (M)

N 00°29'34" E 1319.37' (M)

N 00°25'13" E 2642.18' (M)

SW. 1/16 COR. SEC. 13, T5N, R68W FOUND 2 1/2" ALUM. CAP P.L.S. NO. 38512

N 89°30'30" W 1369.95' (M)

SURFACE LOCATION: NAD 83 GROUND ELEVATION= 4921.3' LATITUDE= 40.400949° LONGITUDE= -104.942280° LATITUDE= 40°24'03.417" LONGITUDE= -104°56'32.208" HEEL LOCATION: NAD 83 LATITUDE= 40.400748° LONGITUDE= -104.944963° LATITUDE= 40°24'02.692" LONGITUDE= -104°56'41.866" BOTTOM HOLE LOCATION: NAD 83 LATITUDE= 40.400706° LONGITUDE= -104.991192° LATITUDE= 40°24'02.542" LONGITUDE= -104°59'28.291"

SW. COR. SEC. 18, T5N, R67W FOUND 3 1/4" ALUM. CAP P.L.S. NO. 23520

S. 1/4 COR. SEC. 18, T5N, R67W FOUND 3 1/4" ALUM. CAP L.S. NO. 22098

N 00°14'31" E 1319.78' (M)

N 00°29'18" E 1319.44' (M)

MATCH LINE SEE SHEET 2

N 89°35'53" W 1368.87' (M)

N 89°26'08" W 1365.96' (M)

N 89°31'00" W 2751.58' (M)

N 89°57'56" E 2485.57' (M)

SW. COR. SEC. 13, T5N, R68W FOUND 2" ALUM. CAP P.L.S. NO. 11989

W. 1/16 COR. SEC. 13 & SEC. 24, T5N, R68W FOUND 2" ALUM. CAP P.L.S. NO. 11989

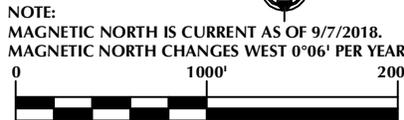
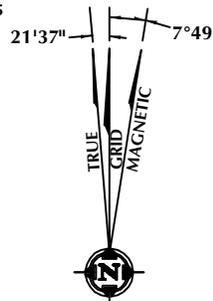
S. 1/4 COR. SEC. 13, T5N, R68W FOUND 3 1/4" ALUM. CAP P.L.S. NO. 10855

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 PROFESSIONAL LAND SURVEYOR 1/15/19

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.



SCALE: 1" = 1000'

NOTES:

- 1. INDICATES SECTION CORNER.
2. INDICATES CALCULATED CORNER.
3. ELEVATION BASED ON NAVD88 (GEOID12B).
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
6. COMBINED SCALE FACTOR: .99972603 CALCULATED FROM THE NE. CORNER OF SECTION 18, T5N, R67W.
7. OPERATOR: PRESTON KNUTSEN / PDOP = 1.6.
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS S89°35'18"W, 12875' FROM THE HEEL LOCATION.
11. NO. 2 AS SHOWN HEREON IS GOVERNMENT LOT 2 PER THE ORIGINAL GLO SURVEY.

WELL PAD - DAMORE 5-18HZ

DAMORE 18-3HZ WELL LOCATION CERTIFICATE 2190' FNL & 671' FWL LOT 2 (SWNW) (SURFACE) LOCATED IN SECTION 18, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO 2265' FNL & 75' FEL SENE (HEEL) LOCATED IN SECTION 13 2314' FNL & 2159' FEL SWNE (BOTTOM) LOCATED IN SECTION 15, T5N, R68W, 6TH P.M. LARIMER 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

Table with columns: DRAFTED BY, DATE DRAFTED, REVISED, CHECKED BY, DATE SURVEYED, FILE NAME, SHEET NO. Values include LMO, 10/8/18, 1/15/19, RKF, 9/7/18, 16-54, 1 OF 3.

T5N, R68W

N. 1/4 COR.
SEC. 14, T5N, R68W
FOUND 3 1/2" ALUM. CAP
P.L.S. NO. 36061

NW. COR.
SEC. 14, T5N, R68W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

NE. COR.
SEC. 14, T5N, R68W
FOUND 3 1/2" ALUM. CAP
P.L.S. NO. 36061

WELLBORE
CONTINUES INTO
SECTION 15

S 89°35'18" W 12875' GRID
S 89°56'55" W TRUE
S 81°46'18" W MAGNETIC

W. 1/4 COR.
SEC. 14, T5N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38065

14

CENTER 1/4 COR.
SEC. 14, T5N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38065

E. 1/4 COR.
SEC. 14, T5N, R68W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 34176

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4921.3'
LATITUDE= 40.400949°
LONGITUDE= -104.942280°
LATITUDE= 40°24'03.417"
LONGITUDE= -104°56'32.208"
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LATITUDE= 40.400706°
LONGITUDE= -104.991192°
LATITUDE= 40°24'02.542"
LONGITUDE= -104°59'28.291"

S. 1/16 COR.
SEC. 13 & SEC. 14
T5N, R68W
FOUND 2 1/2"
ALUM. CAP
L.S. NO. 37065

CS. 1/16 COR.
SEC. 14, T5N, R68W
FOUND 2" ALUM. CAP
L.S. NO. 20676

MATCH LINE
SEE SHEET 1

MATCH LINE
SEE SHEET 3

SW. COR.
SEC. 14, T5N, R68W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 12374

S. 1/4 COR.
SEC. 14, T5N, R68W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38512

E. 1/16 COR.
SEC. 14 & SEC. 23
T5N, R68W
FOUND 3 1/4"
ALUM. CAP
L.S. NO. 16847

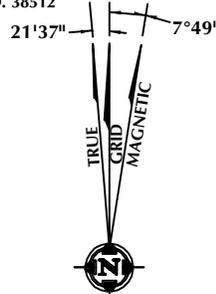
SE. COR.
SEC. 14, T5N, R68W
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Randall K. French
38512
PROFESSIONAL LAND SURVEYOR
1/15/19
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

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 9/7/2018.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



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- THE BOTTOM OF HOLE BEARS S89°35'18"W, 12875' FROM THE HEEL LOCATION.

WELL PAD - DAMORE 5-18HZ

DAMORE 18-3HZ
WELL LOCATION CERTIFICATE
2190' FNL & 671' FWL LOT 2 (SWNW) (SURFACE)
LOCATED IN SECTION 18, T5N, R67W, 6TH P.M.
WELD COUNTY, COLORADO
2265' FNL & 75' FEL SENE (HEEL)
LOCATED IN SECTION 13
2314' FNL & 2159' FEL SWNE (BOTTOM)
LOCATED IN SECTION 15, T5N, R68W, 6TH P.M.
LARIMER COUNTY, COLORADO

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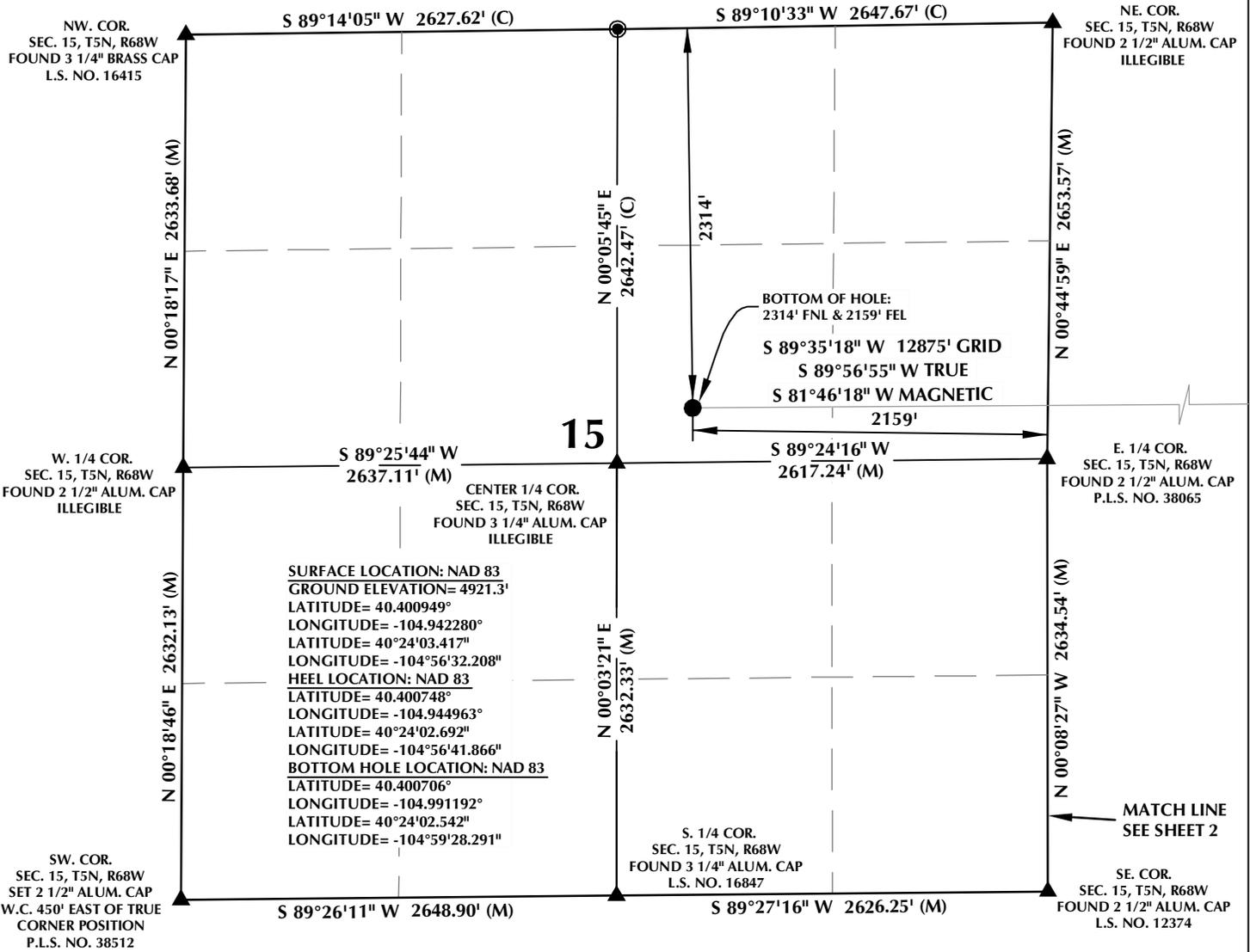
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DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	10/8/18	DATE SURVEYED:	9/7/18	2
REVISED:	1/15/19	FILE NAME:	16-54	2 OF 3

T5N, R68W



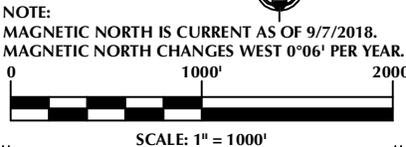
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 COLORADO REGISTRATION NUMBER 38512
 1/15/19

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