

T5N, R68W

T5N, R67W

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

NE. COR.  
SEC. 18, T5N, R67W  
FOUND 3 1/2" ALUM. CAP  
P.L.S. NO. 36061

N 89°20'03" W 2746.85' (M)

N 89°41'01" E 2435.87' (M)

N 89°45'01" E 2668.82' (M)

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

CN. 1/16 COR.  
SEC. 18, T5N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4920.9'  
LATITUDE= 40.400854°  
LONGITUDE= -104.942177°  
HEEL LOCATION: NAD 83  
LATITUDE= 40.398640°  
LONGITUDE= -104.944462°  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.398735°  
LONGITUDE= -104.908995°  
LATITUDE= 40°23'55.446"  
LONGITUDE= -104°54'32.382"

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

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

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

13  
N 89°35'12" W 2748.62' (M)

N 89°50'33" E 2460.65' (M)

18  
N 89°50'30" E 2654.67' (M)

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

N 89°25'44" E 9878' GRID  
N 89°47'22" E TRUE  
N 81°36'44" E MAGNETIC

WELLBORE CONTINUES INTO SECTION 17

HEEL LOCATION

MATCH LINE SEE SHEET 2

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

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 89°58'04" E 2642.00' (M)

SE. COR.  
SEC. 18, T5N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242

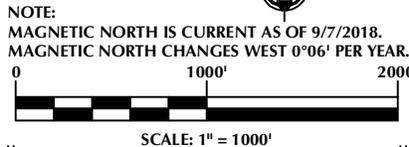
LARIMER COUNTY  
WELD COUNTY

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.



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. COMBINED SCALE FACTOR: .99972603 CALCULATED FROM THE NE. CORNER OF SECTION 18, T5N, R67W.
- 6. OPERATOR: PRESTON KNUITSEN / PDOP = 1.9.
- 7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- 8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- 9. THE BOTTOM OF HOLE BEARS N89°25'44"E, 9878' FROM THE HEEL LOCATION.
- 10. NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.

WELL PAD - DAMORE 5-18HZ

DAMORE 18-6HZ  
WELL LOCATION CERTIFICATE  
2224' FNL & 700' FWL LOT 2 (SWNW) (SURFACE)  
2253' FSL & 75' FWL LOT 2 (NWSW) (HEEL)  
LOCATED IN SECTION 18  
2313' FSL & 471' FEL NESE (BOTTOM)  
LOCATED IN SECTION 17  
T5N, R67W, 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:
DATE DRAFTED:	10/8/18	DATE SURVEYED:	9/7/18	1
REVISED:	1/15/19	FILE NAME:	16-54	1 OF 2

# T5N, R67W

N. 1/4 COR.  
SEC. 17, T5N, R67W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

NW. COR.  
SEC. 17, T5N, R67W  
FOUND 3 1/2" ALUM. CAP  
P.L.S. NO. 36061

NE. COR.  
SEC. 17, T5N, R67W  
FOUND 3 1/2" ALUM. CAP  
P.L.S. NO. 36061

S 89°49'59" W 2696.15' (M)

S 89°54'27" W 2612.90' (M)

N 00°11'29" E 2653.05' (M)

N 00°39'35" E  
2648.35' (M)

N 00°14'51" E 2639.96' (M)

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4920.9'  
LATITUDE= 40.400854°  
LONGITUDE= -104.942177°  
LATITUDE= 40°24'03.074"  
LONGITUDE= -104°56'31.837"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.398640°  
LONGITUDE= -104.944462°  
LATITUDE= 40°23'55.104"  
LONGITUDE= -104°56'40.063"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.398735°  
LONGITUDE= -104.908995°  
LATITUDE= 40°23'55.446"  
LONGITUDE= -104°54'32.382"

W. 1/4 COR.  
SEC. 17, T5N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 30462

E. 1/4 COR.  
SEC. 17, T5N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

S 89°43'40" W  
2674.54' (M)

S 89°43'44" W  
2632.02' (M)

**17**  
CENTER 1/4 COR.  
SEC. 17, T5N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 33642

N 89°25'44" E 9878' GRID  
N 89°47'22" E TRUE  
N 81°36'44" E MAGNETIC

BOTTOM OF HOLE:  
2313' FSL & 471' FEL

N 00°09'35" E 2653.25' (M)

N 00°39'41" E  
2646.91' (C)

N 00°14'36" E 2640.00' (M)

MATCH LINE  
SEE SHEET 1

SW. COR.  
SEC. 17, T5N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242

S 89°35'05" W 5302.83' (M)

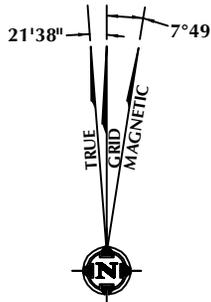
SE. COR.  
SEC. 17, T5N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 9644

## CERTIFICATE OF SURVEYOR:

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*Randall K. French*  
38512  
PROFESSIONAL LAND SURVEYOR  
1/15/19  
RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

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NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 9/7/2018.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

## NOTES:

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- 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: .99972603 CALCULATED FROM THE NE. CORNER OF SECTION 18, T5N, R67W.
- OPERATOR: PRESTON KNUTSEN / PDOP = 1.9.
- 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 N89°25'44"E, 9878' FROM THE HEEL LOCATION.

## WELL PAD - DAMORE 5-18HZ

DAMORE 18-6HZ  
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