

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°25'25" E 2642.13' (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

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

N 00°16'15" E 1320.02' (M)

N 00°29'34" E 1319.37' (M)

N 00°25'35" E 2642.18' (M)

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

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)

N 00°25'35" E 2642.18' (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  
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.

0 1000' 2000'

SCALE: 1" = 1000'

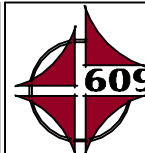
### NOTES:

- ▲ INDICATES SECTION CORNER.
- 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 KNUSTEN / 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 S89°35'18"W, 12875' FROM THE HEEL LOCATION.
- 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

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 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

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

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

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  
P.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"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.400748°  
LONGITUDE= -104.944963°  
LATITUDE= 40°24'02.692"  
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BOTTOM HOLE LOCATION: NAD 83  
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  
P.L.S. NO. 37065

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

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

SE. COR.  
SEC. 14, T5N, R68W  
FOUND 2" ALUM. CAP  
P.L.S. NO. 11989

MATCH LINE  
SEE SHEET 3

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

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

## NOTES:

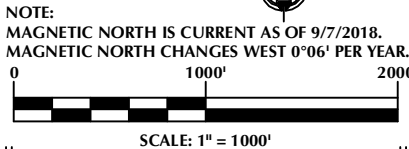
- ▲ INDICATES SECTION CORNER.
- INDICATES CALCULATED CORNER.
- ELEVATION BASED ON NAVD88 (GEOID12B).
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972603 CALCULATED FROM THE NE. CORNER OF SECTION 18, T5N, R67W.
- OPERATOR: PRESTON KNUSTEN / 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 S89°35'18"W, 12875' FROM THE HEEL LOCATION.

## 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. 18-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

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

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## 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  
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LOCATED IN SECTION 15, T5N, R68W, 6TH P.M.  
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REVISED:	1/15/19	FILE NAME:	16-54	2 OF 3

**T5N, R68W**

**CERTIFICATE OF SURVEYOR:**

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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512

1/15/19

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**NOTE:**  
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 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

SCALE: 1" = 1000'

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

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**DAMORE 18-3HZ**  
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**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**

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

DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO:  <b>3</b>  3 OF 3
DATE DRAFTED: 10/8/18	DATE SURVEYED: 9/7/18	
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