

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)

1979'

N 00°25'25" E 2642.13' (M)

2167'

S 89°54'22" W 12877' GRID N 89°44'01" W TRUE S 82°05'22" W MAGNETIC

HEEL LOCATION

75'

NO. 2

WELLBORE CONTINUES INTO SECTION 14

N 89°29'48" W 2745.61' (M)

N 89°35'12" W 2748.62' (M)

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

N 00°16'15" E 1320.02' (M)

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

13

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 89°50'33" E 2460.65' (M)

18

DAMORE 18-1HZ SURFACE LOCATION

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= 4921.4' LATITUDE= 40.401012° LONGITUDE= -104.942349° LATITUDE= 40°24'03.645" LONGITUDE= -104°56'32.456" HEEL LOCATION: NAD 83 LATITUDE= 40.401533° LONGITUDE= -104.944949° LATITUDE= 40°24'05.518" LONGITUDE= -104°56'41.815" BOTTOM HOLE LOCATION: NAD 83 LATITUDE= 40.401687° LONGITUDE= -104.991184° LATITUDE= 40°24'06.073" LONGITUDE= -104°59'28.262"

NO. 2

N 00°14'31" E 1319.78' (M)

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

N 89°30'30" W 1369.95' (M)

CS. 1/16 COR. SEC. 13, T5N, R68W FOUND 3 1/4" ALUM. CAP P.L.S. NO. 31159

N 00°29'34" E 1319.37' (M)

N 00°29'18" E 1319.44' (M)

N 00°25'13" 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

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

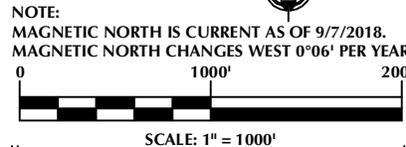
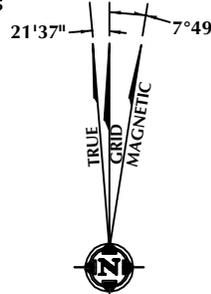
S. 1/4 COR. SEC. 18, T5N, R67W FOUND 3 1/4" ALUM. CAP L.S. NO. 22098

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 KNUTSEN / 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 S89°54'22"W, 12877' FROM THE HEEL LOCATION.
10. NO. 2 AS SHOWN HEREON IS GOVERNMENT LOT 2 PER THE ORIGINAL GLO SURVEY.

WELL PAD - DAMORE 5-18HZ

DAMORE 18-1HZ WELL LOCATION CERTIFICATE 2167' FNL & 652' FWL LOT 2 (SWNW) (SURFACE) LOCATED IN SECTION 18, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO 1979' FNL & 75' FEL SENE (HEEL) LOCATED IN SECTION 13 1956' FNL & 2164' 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, CHECKED BY, DATE DRAFTED, DATE SURVEYED, REVISED, FILE NAME, SHEET NO. Values include LMO, RKF, 10/8/18, 9/7/18, 1/15/19, 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

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

## 14

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4921.4'  
LATITUDE= 40.401012°  
LONGITUDE= -104.942349°  
LATITUDE= 40°24'03.645"  
LONGITUDE= -104°56'32.456"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.401533°  
LONGITUDE= -104.944949°  
LATITUDE= 40°24'05.518"  
LONGITUDE= -104°56'41.815"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.401687°  
LONGITUDE= -104.991184°  
LATITUDE= 40°24'06.073"  
LONGITUDE= -104°59'28.262"

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

S 89°20'28" W 1325.94' (M)

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  
FOUND 2" ALUM. CAP  
P.L.S. NO. 11989

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*Randall K. French*  
38512  
PROFESSIONAL LAND SURVEYOR

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

NOTICE:  
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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:

- ▲ 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 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 S89°54'22"W, 12877' FROM THE HEEL LOCATION.

### WELL PAD - DAMORE 5-18HZ

DAMORE 18-1HZ  
WELL LOCATION CERTIFICATE  
2167' FNL & 652' FWL LOT 2 (SWNW) (SURFACE)  
LOCATED IN SECTION 18, T5N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO  
1979' FNL & 75' FEL SENE (HEEL)  
LOCATED IN SECTION 13  
1956' FNL & 2164' FEL SWNE (BOTTOM)  
LOCATED IN SECTION 15, T5N, R68W, 6TH P.M.  
LARIMER COUNTY, COLORADO

**Kerr-McGee Oil &  
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Denver, Colorado 80202



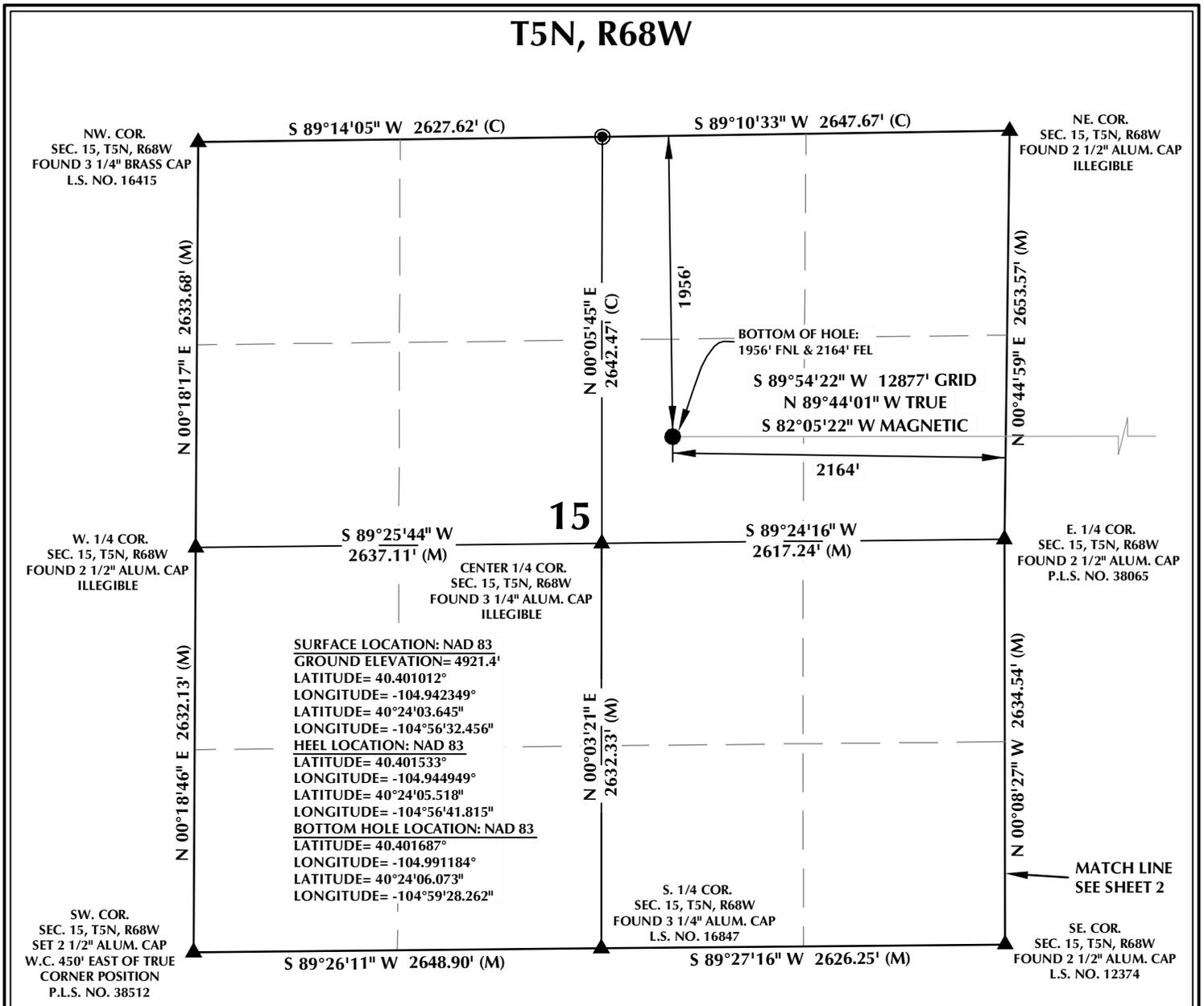
### CONSULTING, LLC

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Phone 307-674-0609

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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



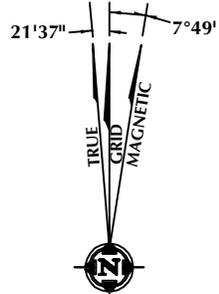
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 RANDALL K. FRENCH  
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 COLORADO REGISTRATION NUMBER 38512  
 1/15/19

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