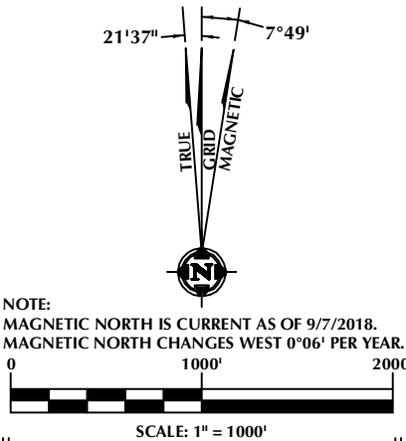


**CERTIFICATE OF SURVEYOR:**

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*Randall K. French*  
 38512  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 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:**
- ▲ 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 = 2.3.
  - 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 S88°41'09"W, 12882' FROM THE HEEL LOCATION.
  - NO. 2 AS SHOWN HEREON IS GOVERNMENT LOT 2 PER THE ORIGINAL GLO SURVEY.

**WELL PAD - PROWANT 4-18HZ**

**PROWANT 18-10HZ**  
 WELL LOCATION CERTIFICATE  
 741' FNL & 622' FWL LOT 2 (NWNW) (SURFACE)  
 LOCATED IN SECTION 18, T5N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO  
 1587' FNL & 75' FEL SENE (HEEL)  
 LOCATED IN SECTION 13  
 1839' 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

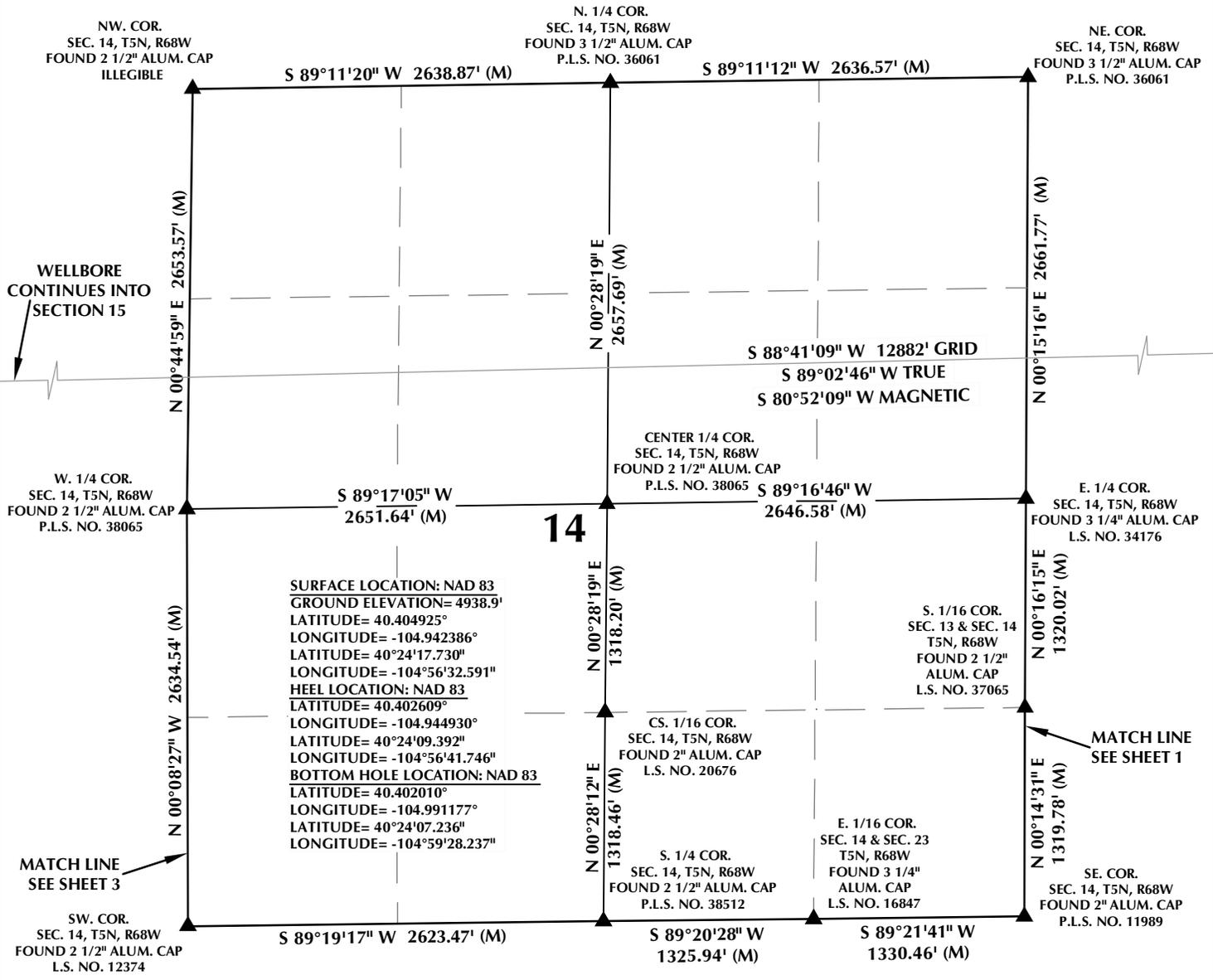


**CONSULTING, LLC**  
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 Sheridan, Wyoming 82801  
 Phone 307-674-0609  
 LOVELAND OFFICE  
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DATE DRAFTED:	10/12/18	DATE SURVEYED:	9/7/18		1
REVISED:	1/15/19	FILE NAME:	16-54		1 OF 3

K:\LANDARKO\2016\16\_54\_PROWANT\_T5N\_R67W\_SEC\_18\PLATS\PROWANT\_4-18HZ\PROWANT\_4-18HZ\_PLAT.dwg, 1/14/2019 8:26:18 AM, lba

# T5N, R68W



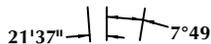
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*Randall K. French*  
 38512  
 PROFESSIONAL LAND SURVEYOR

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

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DATE DRAFTED: 10/12/18	DATE SURVEYED: 9/7/18	
REVISED: 1/15/19	FILE NAME: 16-54	

# T5N, R68W

NW COR.  
SEC. 15, T5N, R68W  
FOUND 3 1/4" BRASS CAP  
L.S. NO. 16415

NE COR.  
SEC. 15, T5N, R68W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

N 00°18'17" E 2632.68' (M)

S 89°14'05" W 2627.62' (C)

S 89°10'33" W 2647.67' (C)

N 00°05'45" E  
2642.47' (C)

1839'  
BOTTOM OF HOLE:  
1839' FNL & 2164' FEL

S 88°41'09" W 12882' GRID  
S 89°02'46" W TRUE  
S 80°52'09" W MAGNETIC

2164'

N 00°44'59" E 2653.57' (M)

CENTER 1/4 COR.  
SEC. 15, T5N, R68W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

15

W. 1/4 COR.  
SEC. 15, T5N, R68W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

S 89°25'44" W  
2637.11' (M)

S 89°24'16" W  
2617.24' (M)

E. 1/4 COR.  
SEC. 15, T5N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 38065

N 00°18'46" E 2632.13' (M)

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4938.9'  
LATITUDE= 40.404925°  
LONGITUDE= -104.942386°  
LATITUDE= 40°24'17.730"  
LONGITUDE= -104°56'32.591"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.402609°  
LONGITUDE= -104.944930°  
LATITUDE= 40°24'09.392"  
LONGITUDE= -104°56'41.746"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.402010°  
LONGITUDE= -104.991177°  
LATITUDE= 40°24'07.236"  
LONGITUDE= -104°59'28.237"

N 00°03'21" E  
2632.33' (M)

N 00°08'27" W 2634.54' (M)

MATCH LINE  
SEE SHEET 2

S. 1/4 COR.  
SEC. 15, T5N, R68W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 16847

SW COR.  
SEC. 15, T5N, R68W  
FOUND 2 1/2" ALUM. CAP  
W.C. 450' EAST OF TRUE  
CORNER POSITION  
P.L.S. NO. 38512

S 89°26'11" W 2648.90' (M)

S 89°27'16" W 2626.25' (M)

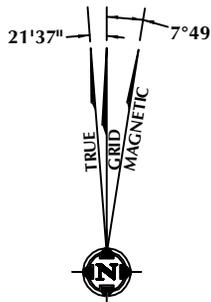
SE COR.  
SEC. 15, T5N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 12374

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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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