

# T1N, R66W

E. 1/16 COR.  
SEC. 4 & SEC. 9  
T1N, R66W  
FOUND 2<sup>nd</sup> ALUM. CAP  
L.S. NO. 25937

N. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
L.S. NO. 13155

NE. COR.  
SEC. 9, T1N, R66W  
FOUND 2<sup>nd</sup> ALUM. CAP  
ILLEGIBLE

NW. COR.  
SEC. 9, T1N, R66W  
FOUND 2 1/2<sup>nd</sup> ALUM. CAP  
ILLEGIBLE

S 89°14'02" W 2651.03' (M)

S 89°00'20" W  
1325.34' (M)

S 88°59'19" W  
1325.59' (M)

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4998.3'  
LATITUDE= 40.071870°  
LONGITUDE= -104.776461°  
LATITUDE= 40°04'18.732"  
LONGITUDE= -104°46'35.258"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.069455°  
LONGITUDE= -104.775382°  
LATITUDE= 40°04'10.037"  
LONGITUDE= -104°46'31.377"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.051404°  
LONGITUDE= -104.775414°  
LATITUDE= 40°03'05.054"  
LONGITUDE= -104°46'31.490"

**HIGHLANDS  
37N-W16HZ**  
SURFACE LOCATION

HEEL LOCATION

N. 1/16 COR.  
SEC. 9 & SEC. 10  
T1N, R66W  
SET 2 1/2<sup>nd</sup> ALUM. CAP  
P.L.S. NO. 38512

CENTER 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
L.S. NO. 38046

N 00°28'13" W  
1341.61' (M)

S 89°35'39" W  
2644.15' (M)

E. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
L.S. NO. 34995

W. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 2<sup>nd</sup> ALUM. CAP  
L.S. NO. 25937

S 89°35'15" W  
2641.94' (M)

S 00°23'28" E 6575' GRID  
S 00°04'35" W TRUE  
S 08°19'28" E MAGNETIC

N 00°28'42" W  
1293.35' (M)

N 00°47'43" W  
1320.25' (M)

C.S. 1/16 COR.  
SEC. 9, T1N, R66W  
FOUND 2 1/2<sup>nd</sup> ALUM. CAP  
L.S. NO. 38046

S. 1/16 COR.  
SEC. 9 & SEC. 10  
T1N, R66W  
FOUND 2 1/2<sup>nd</sup> ALUM. CAP  
L.S. NO. 38046

S. 1/16 COR.  
SEC. 9 & SEC. 8  
T1N, R66W  
FOUND 2<sup>nd</sup> ALUM. CAP  
L.S. NO. 25937

S 89°03'21" W  
1318.84' (M)  
SW. 1/16 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
W.C. 25' NORTH  
L.S. NO. 30086

N 00°28'54" W  
1293.26' (M)

N 00°47'58" W  
1320.78' (M)

SW. COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
ILLEGIBLE

S 89°01'56" W 2633.46' (M)

S 88°58'05" W 2638.21' (M)

SE. COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
L.S. NO. 30086

S. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4<sup>th</sup> ALUM. CAP  
L.S. NO. 30086

MATCH LINE  
SEE SHEET 2

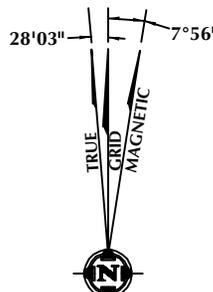
WELL BORE CONTINUES  
INTO SECTION 16

## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY 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. 38-51-302 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512  
6/23/16

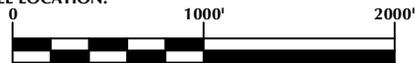
NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 6/12/2015.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

## NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972674 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 9, T1N, R66W
- OPERATOR: ROB WILSON / PDOP = 1.2
- 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 S00°23'28"E, 6575' FROM THE HEEL LOCATION.



## WELL PAD - HIGHLANDS 27C-33HZ

HIGHLANDS 37N-W16HZ  
WELL LOCATION CERTIFICATE  
417' FNL & 1038' FEL NENE (SURFACE)  
1300' FNL & 736' FEL NENE (HEEL)  
LOCATED IN SECTION 9  
2604' FNL & 745' FEL SENE (BOTTOM)  
LOCATED IN SECTION 16  
T1N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

**Kerr-McGee Oil &  
Gas Onshore L.P.**  
1099 18th Street  
Denver, Colorado 80202



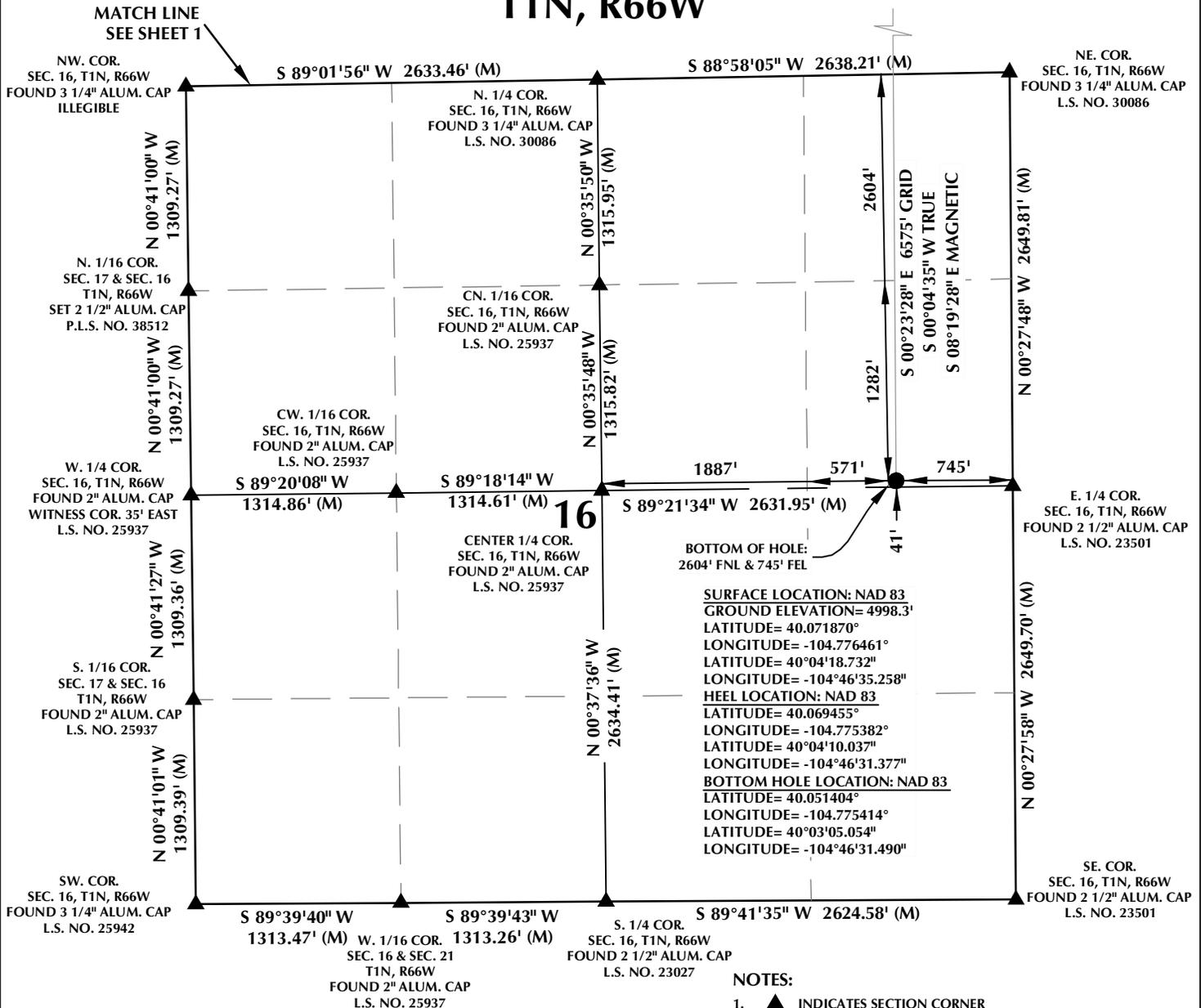
## CONSULTING, LLC

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

LOVELAND OFFICE  
1635 Foxtrail Drive, Suite 204  
Loveland, Colorado 80538  
Phone 970-776-4331

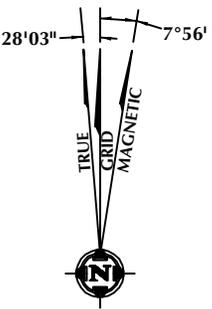
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DATE DRAFTED:	6/19/15	DATE SURVEYED:	3/13/15	1
REVISED:	6/23/16	FILE NAME:	14-116	1 OF 2

# T1N, R66W

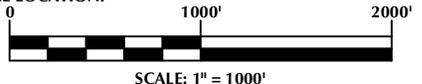


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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 88512  
 6/23/16

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