

**CERTIFICATE OF SURVEYOR:**

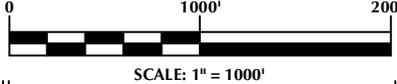
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 6/5/18

NOTICE: ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE 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: .99972179 CALCULATED FROM THE SW. CORNER OF SECTION 6, T1N, R67W.
- OPERATOR: PRESTON KNUTSEN / PDOP = 1.7.
- 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 N00°07'40"W, 10138' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY.



NOTE: MAGNETIC NORTH IS CURRENT AS OF 5/7/2018. MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

**WELL PAD - BUDDY 17-7HZ**

**BUDDY 7-10HZ**  
 WELL LOCATION CERTIFICATE  
 819' FNL & 1065' FEL NENE (SURFACE)  
 101' FNL & 1885' FEL NWNE (HEEL)  
 LOCATED IN SECTION 7  
 T1N, R67W, 6TH P.M.  
 600' FNL & 1845' FEL NWNE (BOTTOM)  
 LOCATED IN SECTION 31  
 T2N, R67W, 6TH P.M.  
 WELD COUNTY, COLORADO

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

**609 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: <b>1</b> 1 OF 2
DATE DRAFTED: 6/5/18	DATE SURVEYED: 5/7/18	
REVISED:	FILE NAME: 16-183	

K:\AMADARKO\2016\183\_LANDON,T1N,R67W\_SEC.6\PLATS\BUDDY 17-7HZ.BUDDY 17-7HZ.PLAT.dwg, 6/4/2018 2:53:11 PM, lba

# T2N, R67W

E. 1/16 COR.  
SEC. 30 & SEC. 31, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 24305

NW. COR.  
SEC. 31, T2N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 37946

S 89°56'08" W  
1316.55' (M)

S 89°56'13" W  
1316.62' (M)

NE. COR.  
SEC. 31, T2N, R67W  
FOUND 3 1/4" BLM  
BRASS CAP

N 00°06'53" W 2655.32' (M)

S 89°58'53" W 2504.11' (M)

N. 1/4 COR.  
SEC. 31, T2N, R67W  
FOUND 3 1/4" BLM  
BRASS CAP

600'

1845'

N 00°29'48" E  
1323.34' (M)

BOTTOM OF HOLE:  
600' FNL & 1845' FEL

N. 1/16 COR.  
SEC. 31 & SEC. 32  
T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 24305

N 00°29'00" E  
1323.22' (M)

CENTER 1/4 COR.  
SEC. 31, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 24305

N 00°28'46" E  
2650.37' (M)

W. 1/4 COR.  
SEC. 31, T2N, R67W  
SET 2 1/2" ALUM. CAP  
W.C. 30' EAST OF TRUE  
CORNER POSITION  
P.L.S. NO. 38512

S 89°51'54" W  
2476.61' (M)

S 89°51'12" W  
2632.72' (M)

E. 1/4 COR.  
SEC. 31, T2N, R67W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

31

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 5073.3'  
LATITUDE= 40.070708°  
LONGITUDE= -104.927715°  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.0414551°  
LONGITUDE= -104°55'39.773"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.072719°  
LONGITUDE= -104.930640°  
LATITUDE= 40°04'21.788"  
LONGITUDE= -104°55'50.304"  
LATITUDE= 40.100548°  
LONGITUDE= -104.930488°  
LATITUDE= 40°06'01.973"  
LONGITUDE= -104°55'49.757"

N 00°29'27" E  
2652.02' (M)

N 00°07'40" W 10138' GRID  
N 00°14'31" E TRUE  
N 07°56'40" W MAGNETIC

N 00°28'50" E 2646.94' (M)

S. 1/4 COR.  
SEC. 31, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 24305

SW. COR.  
SEC. 31, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 23500

S 89°44'34" W 2454.80' (M)

S 89°44'34" W 2633.26' (M)

SE. COR.  
SEC. 31, T2N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242

MATCH LINE  
SEE SHEET 1

22'11" 7°49'

## CERTIFICATE OF SURVEYOR:

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*Randall K. French*  
PROFESSIONAL LAND SURVEYOR  
38512

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PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512  
6/5/18

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SCALE: 1" = 1000'

## NOTES:

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BUDDY 7-10HZ  
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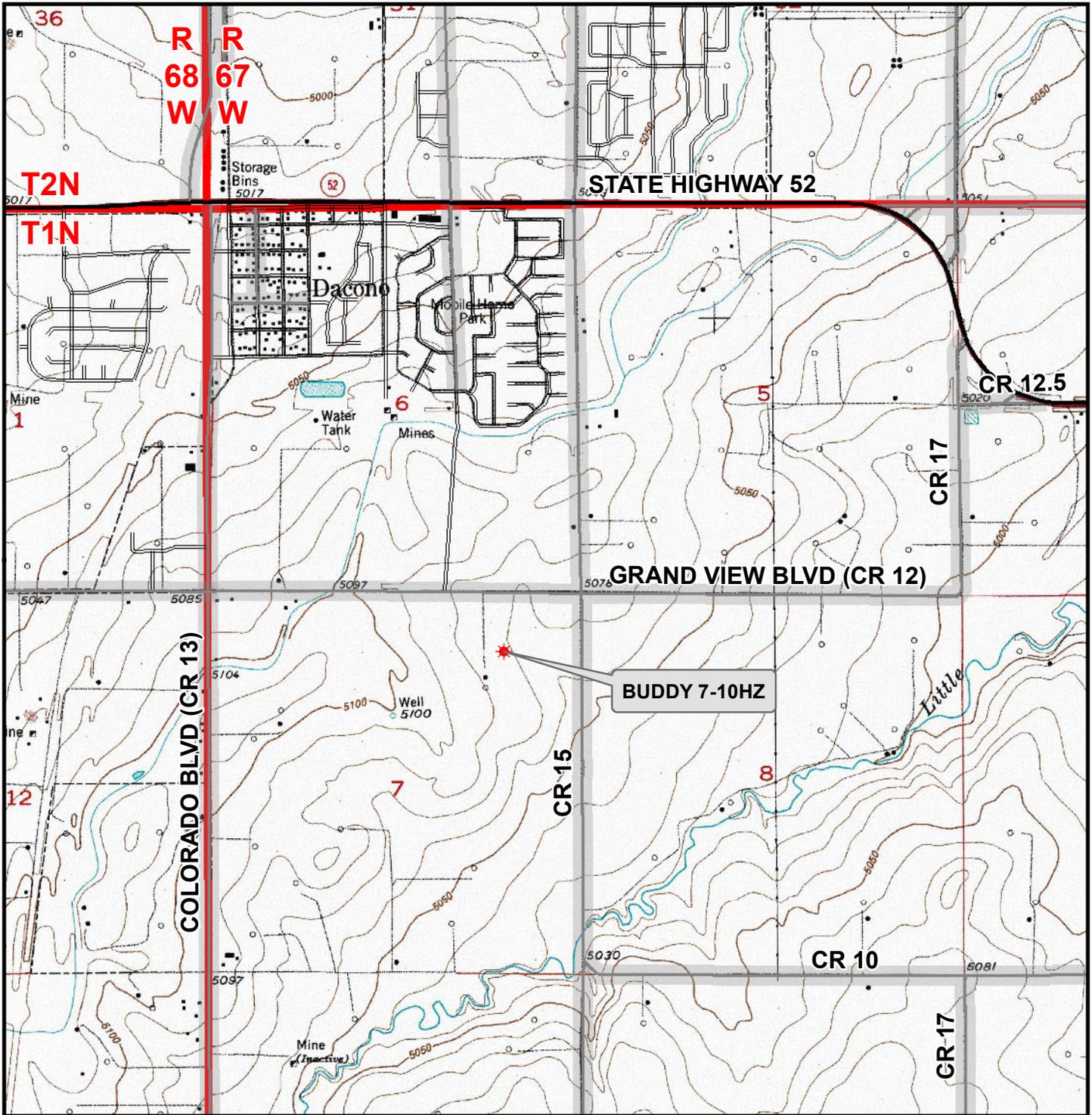
## CONSULTING, LLC

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**Legend**

- ★ Well - Fee - Proposed
- ==== Road - Primitive - Existing
- Road - County - Existing
- Road - Improved - Existing
- Road - Highway - Existing

**WELL PAD - BUDDY 17-7HZ**  
**GENERAL LOCATION MAP**  
**BUDDY 7-10HZ**  
**LOCATED IN SECTION 7**  
**T1N, R67W, 6th P.M.**  
**WELD COUNTY, COLORADO**

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SCALE: 1" = 2,000ft	NAD83 CO-Nft
DRAWN: DP	DATE: 5 Jun 2018
REVISED:	DATE: