

# T4N, R66W

N. 1/4 COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

E. 1/16 COR.  
SEC. 16 & SEC. 9, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
WC. 30' SOUTH OF  
CORNER POSITION  
L.S. NO. 10855

NE. COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 23520

NW. COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

S 89°29'44" W 2604.85' (M)

S 89°29'11" W 1306.47' (M)

S 89°29'05" W 1306.65' (M)

N 00°47'15" W  
1323.65' (M)

N 01°08'23" W  
1319.12' (M)

**KAWATA 32N-17B-M**  
SURFACE LOCATION

N. 1/16 COR.  
SEC. 16 & SEC. 17  
T4N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 37929

CN. 1/16 COR.  
SEC. 16, T4N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 37929

WELL BORE  
CONTINUES INTO  
SECTION 17

TOP OF  
PRODUCTION ZONE

N 89°30'05" W 6938' GRID  
N 89°02'14" W TRUE

CE. 1/16 COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 10855

N 00°45'17" W 2623.60' (M)

N 00°44'39" W 2657.35' (M)

N 00°46'49" W  
1322.87' (M)

N 00°47'22" W  
1323.39' (M)

N 00°46'49" W  
1322.87' (M)

N 00°47'22" W  
1323.39' (M)

N 00°46'49" W  
1323.33' (M)

2094'

S 89°14'24" W 2602.32' (M)

S 89°14'31" W 1307.15' (M)

S 89°14'00" W 1306.84' (M)

CENTER 1/4 COR.  
SEC. 16, T4N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 9644

**SURFACE LOCATION**  
GROUND ELEVATION= 4732.9'  
LATITUDE= 40.315788°  
LONGITUDE= -104.781648°  
1/4 1/4: NW1/4 NE1/4

**TOP OF PRODUCTION**  
LATITUDE= 40.312324°  
LONGITUDE= -104.784407°  
1/4 1/4: SE1/4 NW1/4

**BOTTOM HOLE LOCATION**  
LATITUDE= 40.312640°  
LONGITUDE= -104.809282°  
1/4 1/4: SW1/4 NW1/4

27'51"

460' BUFFER

TRUE GRID

TRUE GRID

SCALE: 1" = 1000'

MATCH LINE  
SEE SHEET 2

SW. COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242

S 89°21'17" W 2600.16' (M)

S 89°21'25" W 2614.28' (M)

S. 1/4 COR.  
SEC. 16, T4N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 22098

SE. COR.  
SEC. 16, T4N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 12374

## 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.

*John R. Slaugh*  
JOHN R. SLAUGH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 82330

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.

## WELL DISTANCES:

BUILDING: ±992' NW  
BUILDING UNIT: ±1120' NW  
PUBLIC ROAD: ±1132' N  
ABOVE GROUND UTILITY: ±296' W  
RAILROAD: 5280'+  
PROPERTY LINE: ±259' W  
HIGH OCCUPANCY BUILDING UNIT: 5280'+  
DESIGNATED OUTSIDE ACTIVITY AREA: 5280'+

## NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- DRAWING LATITUDE AND LONGITUDE COORDINATES ARE NAD 83 (2011)(EPOCH:2010)
- 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: .99973444 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 16, T4N, R66W
- OPERATOR: ROB WILSON / PDOP = 2.4
- 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 N89°30'05"W, 6938' FROM THE TOP OF PRODUCTION ZONE.

## WELL PAD - KAWATA 21-16

**KAWATA 32N-17B-M**  
**WELL LOCATION CERTIFICATE**  
1141' FNL & 2346' FEL NWNE (SURFACE)  
2402' FNL & 2094' FWL SENW (TOP OF PRODUCTION)  
LOCATED IN SECTION 16  
2402' FNL & 510' FWL SWNW (BOTTOM)  
LOCATED IN SECTION 17  
T4N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO



1625 Broadway, Suite 300  
Denver, Colorado 80202



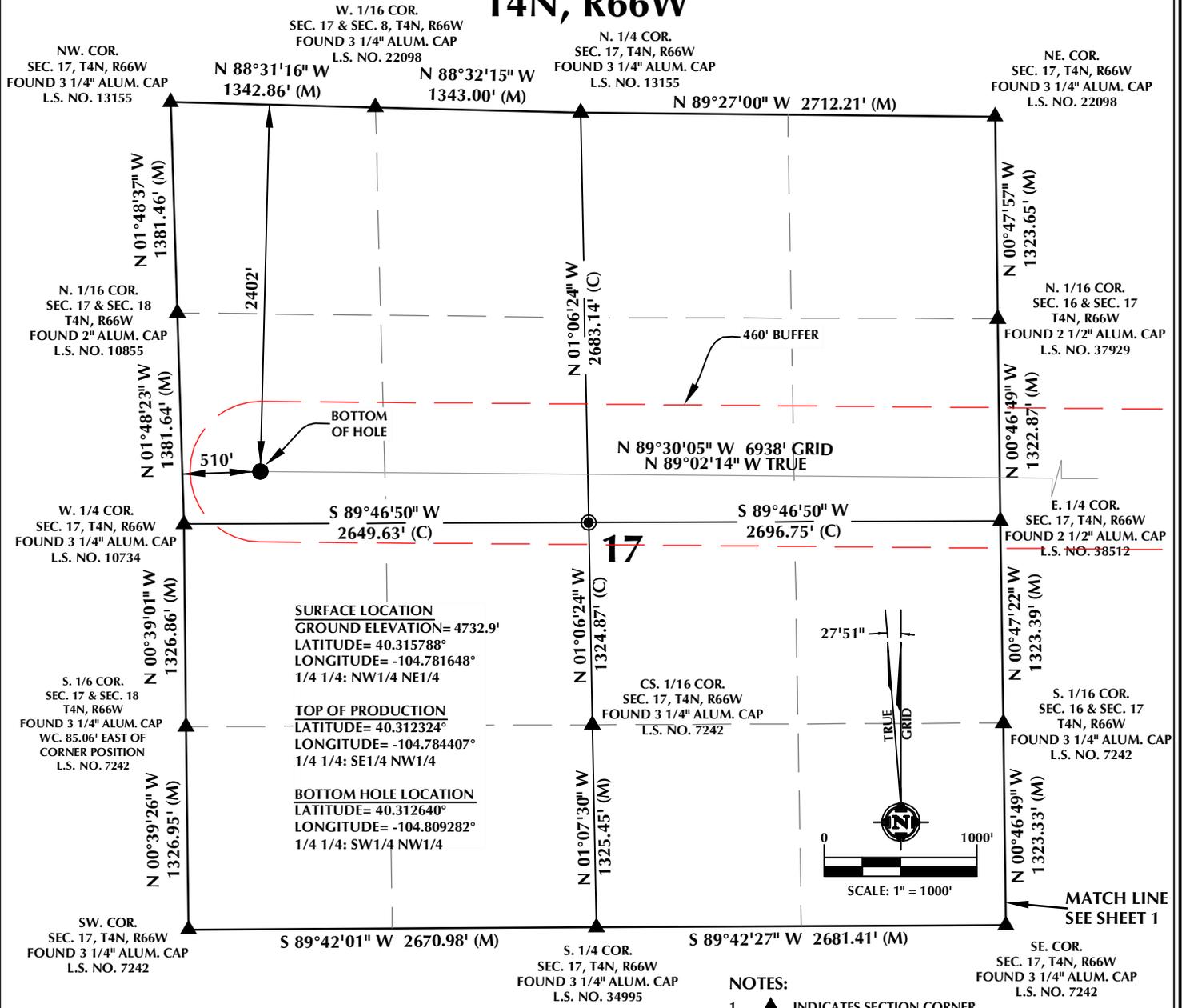
## CONSULTING, LLC

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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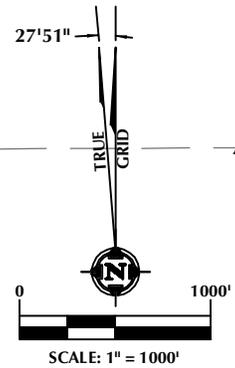
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*John R. Slaugh*  
JOHN R. SLAUGH  
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COLORADO REGISTRATION NUMBER: 82330  
8/1/16

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**SYNERGY**  
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