

# T4N, R67W

N. 1/4 COR.  
SEC. 21, T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 7242

NW. COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 23513

NE. COR.  
SEC. 21, T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 34995

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4937.4'  
LATITUDE= 40.294102°  
LONGITUDE= -104.897550°  
LATITUDE= 40°17'38.767"  
LONGITUDE= -104°53'51.181"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.297191°  
LONGITUDE= -104.895466°  
LATITUDE= 40°17'49.887"  
LONGITUDE= -104°53'43.678"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.297457°  
LONGITUDE= -104.914273°  
LATITUDE= 40°17'50.845"  
LONGITUDE= -104°54'51.383"

CW. 1/16 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 32444

CENTER 1/4 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 9644

N. 1/16 COR.  
SEC. 21 & SEC. 22  
T4N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 34995

E. 1/4 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 22097

W. 1/4 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

N 89°22'37" W  
1337.49' (M)

N 89°22'09" W  
1337.49' (M)

N 89°22'22" W  
2679.84' (M)

N 89°19'31" W 5247' GRID  
N 88°56'10" W TRUE  
S 82°50'29" W MAGNETIC

WELLBORE  
CONTINUES INTO  
SECTION 20  
T4N, R67W

HEEL  
LOCATION

CS. 1/16 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 38230

**WALTERS 21-2HZ**  
SURFACE LOCATION

SW. COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38175

N 89°29'17" W  
1333.70' (M)

N 89°29'33" W  
1333.88' (M)

S. 1/4 COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 24305

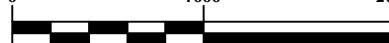
SE. COR.  
SEC. 21, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

W. 1/16 COR.  
SEC. 21 & SEC. 28, T4N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 32444

23'21" 7°50'



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 3/1/2018.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



SCALE: 1" = 1000'

## 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  
3/26/18  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

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: .99972673 CALCULATED FROM THE CENTER 1/4 CORNER OF SECTION 20, T4N, R67W.
- OPERATOR: NICK ROADIFER / PDOP = 1.3.
- 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 N89°19'31"W, 5247' FROM THE HEEL LOCATION.

## WELL PAD - WALTERS 14-21HZ

**WALTERS 21-2HZ**  
**WELL LOCATION CERTIFICATE**  
1091' FSL & 2202' FWL SESW (SURFACE)  
2225' FSL & 2550' FWL NWSE (HEEL)  
LOCATED IN SECTION 21  
2233' FSL & 2442' FWL NESW (BOTTOM)  
LOCATED IN SECTION 20  
T4N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

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



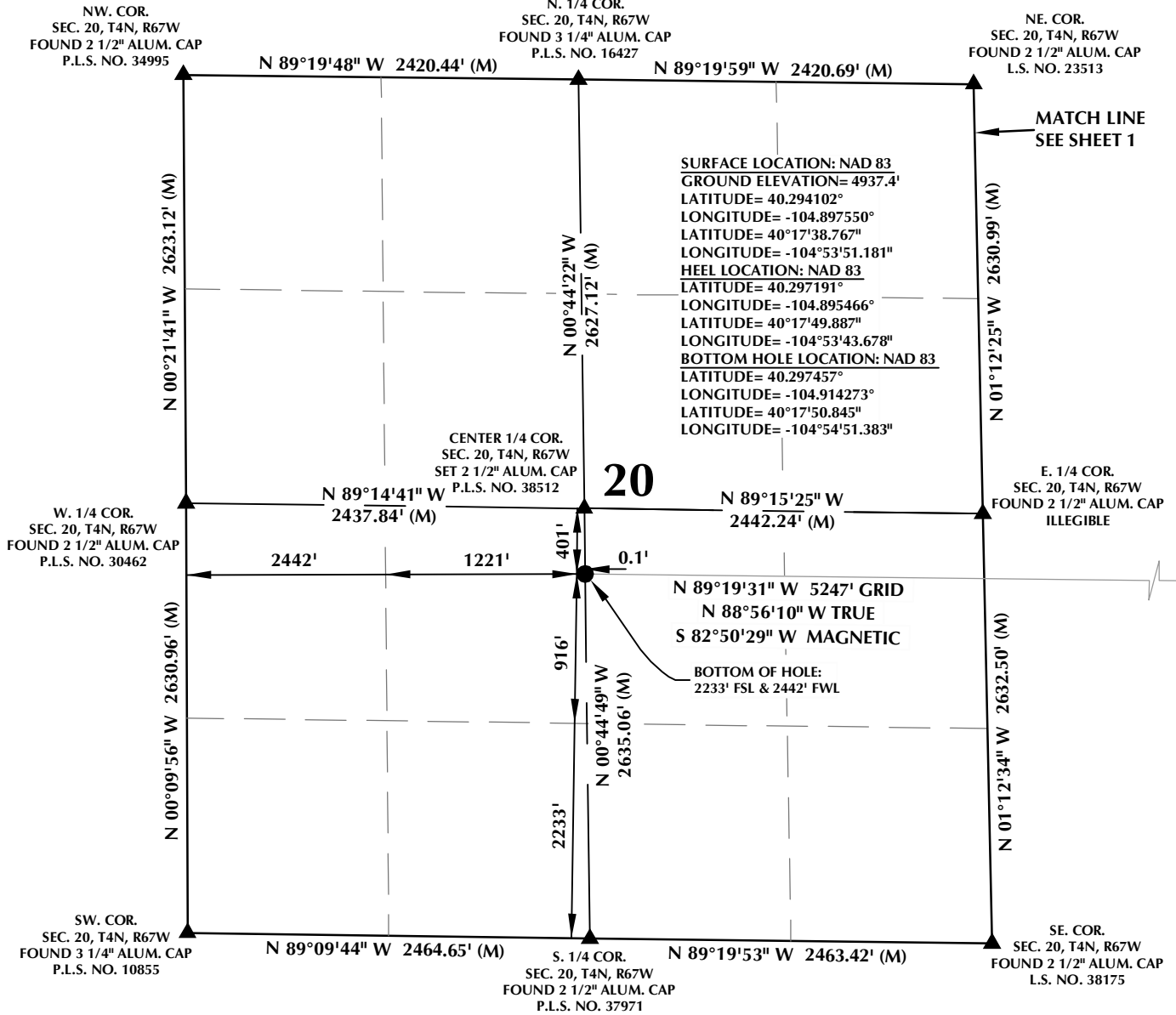
## CONSULTING, LLC

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

|               |         |                |        |           |
|---------------|---------|----------------|--------|-----------|
| DRAFTED BY:   | LMO     | CHECKED BY:    | RKF    | SHEET NO: |
| DATE DRAFTED: | 3/26/18 | DATE SURVEYED: | 3/1/18 | 1         |
| REVISED:      |         | FILE NAME:     | 17-235 | 1 OF 2    |

# T4N, R67W

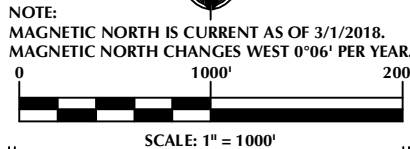


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*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 3/26/18

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 WELD COUNTY, COLORADO

**Kerr-McGee Oil &  
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 1099 18th Street  
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## CONSULTING, LLC

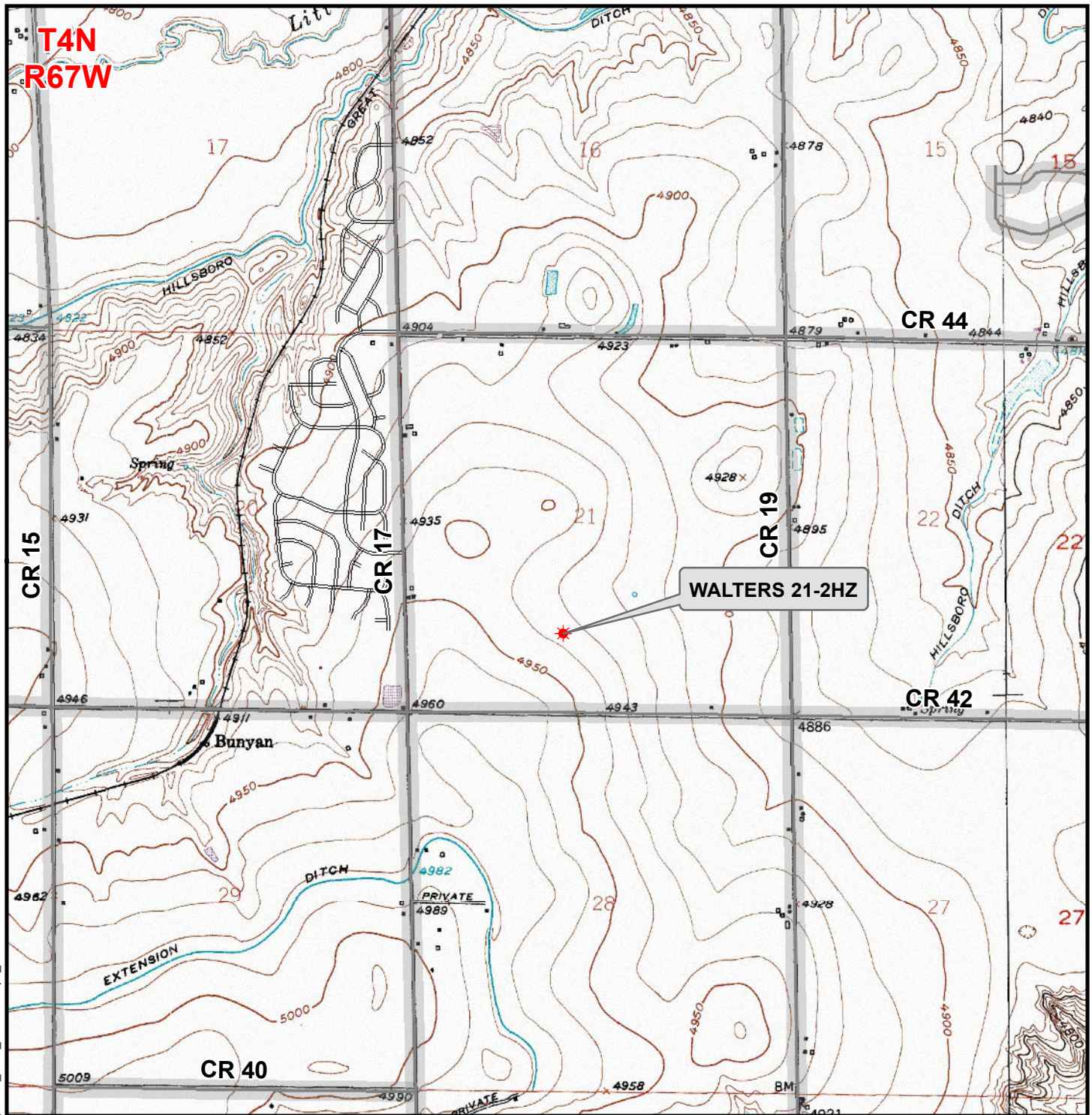
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### Legend

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

**WELL PAD - WALTERS 14-21HZ**

**GENERAL LOCATION MAP**

**WALTERS 21-2HZ**

**LOCATED IN SECTION 21**

**T4N, R67W, 6th P.M.**

**WELD COUNTY, COLORADO**

**Kerr-McGee Oil &  
Gas Onshore L.P.**

**1099 18th Street  
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**SCALE:** 1" = 2,000ft

**NAD83 CO-Nft**

**DRAWN:** DP

**DATE:** 27 Mar 2018

**REVISED:**

**DATE:**