

# T1N, R67W

NW. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

MATCH LINE  
SEE SHEET 2

S 89°33'37" W  
1322.65' (M)

S 89°33'29" W  
1322.75' (M)

S 89°33'38" W 2645.71' (M)

WELL BORE CONTINUES  
INTO SECTION 3

W. 1/16 COR.  
SEC. 10 & SEC. 3  
T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 25937

NE. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°20'01" W 5285.75' (M)

CENTER W. 1/16 COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

CENTER COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°26'32" W  
2642.65' (M)

N 00°01'33" E 9217' GRID  
N 00°25'59" E TRUE  
N 07°59'27" W MAGNETIC

N 00°33'17" W 2642.59' (M)

S 89°32'40" W  
1325.17' (C)

S 89°33'52" W  
1325.23' (M)

S 89°33'33" W  
2650.90' (M)

10

E. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 5041.4'  
LATITUDE= 40.059122°  
LONGITUDE= -104.869768°  
LATITUDE= 40°03'32.839"  
LONGITUDE= -104°52'11.165"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.060889°  
LONGITUDE= -104.871844°  
LATITUDE= 40°03'39.202"  
LONGITUDE= -104°52'18.639"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.086191°  
LONGITUDE= -104.871596°  
LATITUDE= 40°05'10.288"  
LONGITUDE= -104°52'17.746"

N 00°27'08" W  
2642.31' (M)

HEEL LOCATION

1257'

951'

307'

678'

N 00°33'13" W 2642.65' (M)

SE. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
NUMBER ILLEGIBLE

S 89°32'32" W 2655.87' (M)

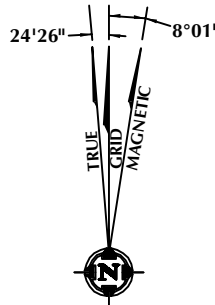
S 89°33'59" W 2655.57' (M)

JZM 27N-E3HZ

SURFACE LOCATION

### NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972303
- OPERATOR: ROB WILSON / PDOP = 1.4
- 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 N00°01'33"E 9217' FROM THE HEEL LOCATION.



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 8/24/2015.  
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 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.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
PROFESSIONAL LAND SURVEYOR  
38305

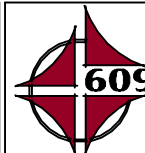
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 183215 8/26/15

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 PAD - JZM 1N-3HZ

JZM 27N-E3HZ  
WELL LOCATION CERTIFICATE  
307' FSL & 678' FEL SESE (SURFACE)  
951' FSL & 1257' FEL SESE (HEEL)  
LOCATED IN SECTION 10  
480' FNL & 1107' FEL NENE (BOTTOM)  
LOCATED IN SECTION 3  
T1N, 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: TJP	CHECKED BY: BJR	SHEET NO: <b>1</b> 1 OF 2
DATE DRAFTED: 8/26/15	DATE SURVEYED: 7/15/15	
REVISED:	FILE NAME: 13-39	

# T1N, R67W

NW. COR.  
SEC. 3, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

NE. COR.  
SEC. 3, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 24657

S 89°40'03" W 2625.30' (M) S 89°40'00" W 2634.19' (M)

N. 1/4 COR.  
SEC. 3, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13258

BOTTOM OF HOLE:  
480' FNL & 1107' FEL

N 01°02'36" W 2730.29' (M)

N 01°06'39" W  
2725.81' (M)

N 01°30'13" W 2721.38' (M)

W. 1/4 COR.  
SEC. 3, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

CENTER COR.  
SEC. 3, T1N, R67W  
FOUND REBAR

E. 1/4 COR.  
SEC. 3, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

S 89°34'08" W  
2628.46' (M)

S 89°33'50" W  
2652.77' (M)

N 00°45'23" W 2640.30' (M)

N 01°07'12" W  
2640.01' (M)

N 00°58'15" W 2639.78' (M)

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FOUND 3 1/4" ALUM. CAP  
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SE. COR.  
SEC. 3, T1N, R67W  
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L.S. NO. 25937

SW. COR.  
SEC. 3, T1N, R67W  
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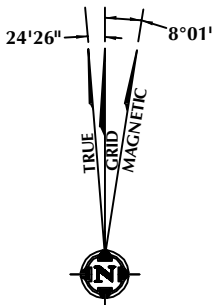
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S 89°33'29" W  
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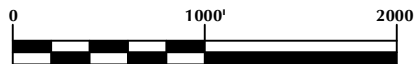
MATCH LINE  
SEE SHEET 1

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38305

BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 1433

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