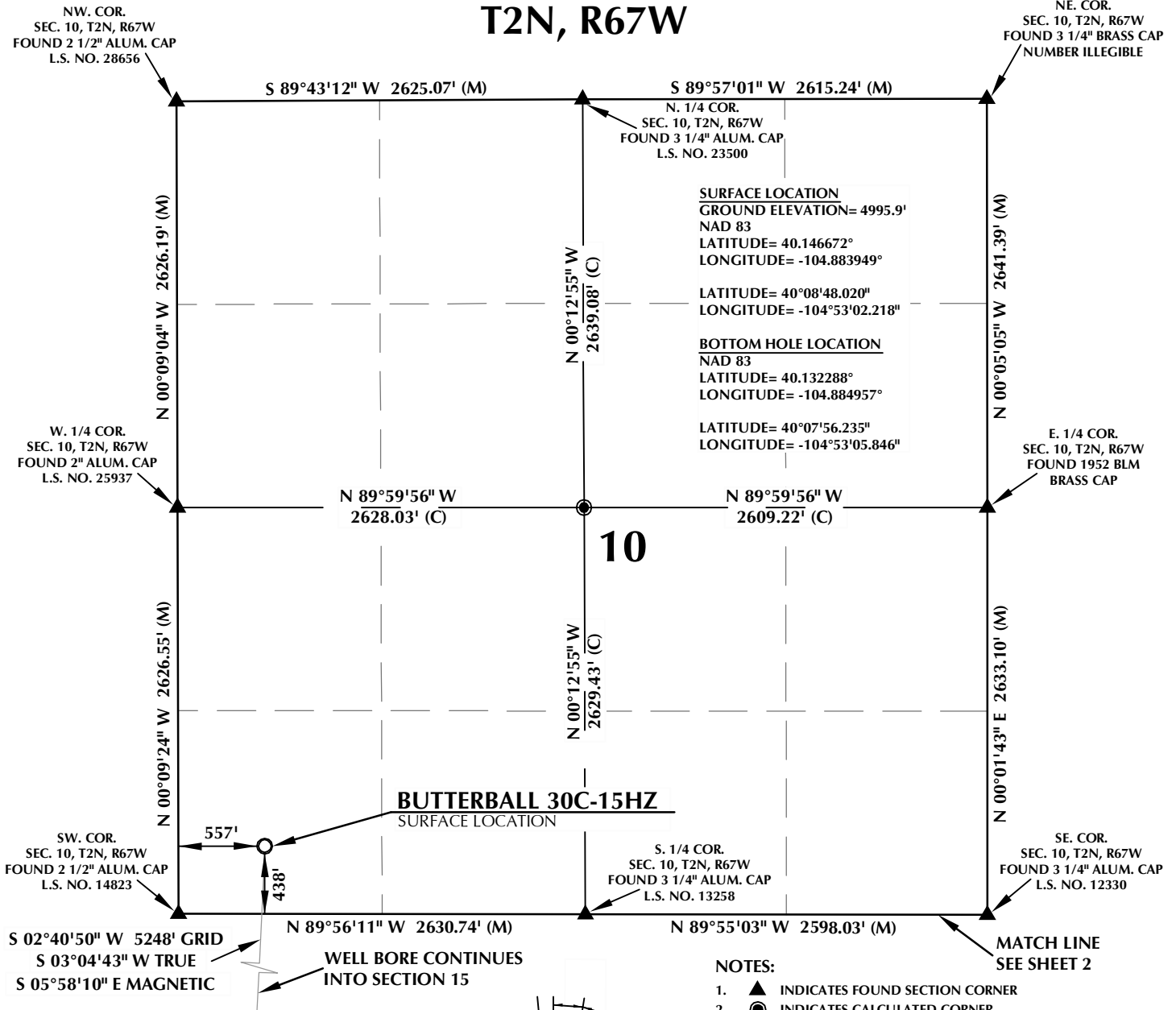


# T2N, R67W



## 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*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48305  
5/29/13

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 5/16/2013.  
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

## 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: .99972297
- OPERATOR: ROB WILSON / PDOP = 1.2
- SURFACE USE OF LOCATION IS RANGELAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS S02°40'50"W 5248' FROM THE SURFACE LOCATION.



## WELL PAD - BUTTERBALL 4N-10HZ

BUTTERBALL 30C-15HZ  
WELL LOCATION CERTIFICATE  
438' FSL & 557' FWL SWSW (SURFACE)  
LOCATED IN SECTION 10  
460' FSL & 310' FWL SWSW (BOTTOM)  
LOCATED IN SECTION 15  
T2N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

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



## CONSULTING, LLC

SHERIDAN OFFICE  
2155 North Main Street  
Sheridan, Wyoming 82801  
Phone 307-674-0609

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

|               |         |                |         |           |
|---------------|---------|----------------|---------|-----------|
| DRAFTED BY:   | APF     | CHECKED BY:    | BJR     | SHEET NO: |
| DATE DRAFTED: | 5/29/13 | DATE SURVEYED: | 5/15/13 | 1         |
| REVISED:      |         | FILE NAME:     | 13-47   | 1 OF 2    |

**BUTTERBALL**  
**30C-15HZ**  
SURFACE LOCATION

**T2N, R67W**

MATCH LINE  
SEE SHEET 1

NE. COR.  
SEC. 15, T2N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 12330

NW. COR.  
SEC. 15, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 14823

N. 1/4 COR.  
SEC. 15, T2N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13258

CENTER N. 1/16 COR.  
SEC. 15, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 29414

CENTER COR.  
SEC. 15, T2N, R67W  
FOUND 3 1/2" ALUM. CAP  
L.S. NO. 23500

SURFACE LOCATION  
GROUND ELEVATION= 4995.9'  
NAD 83  
LATITUDE= 40.146672°  
LONGITUDE= -104.883949°

BOTTOM HOLE LOCATION  
NAD 83  
LATITUDE= 40.132288°  
LONGITUDE= -104.884957°

LATITUDE= 40°07'56.235"  
LONGITUDE= -104°53'05.846"

N. 1/16 COR.  
SEC. 15 & SEC. 14  
T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 29414

E. 1/4 COR.  
SEC. 15, T2N, R67W  
FOUND 1952 BLM  
BRASS CAP

S. 1/16 COR.  
SEC. 15 & SEC. 14  
T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
NUMBER ILLEGIBLE

SE. COR.  
SEC. 15, T2N, R67W  
FOUND REBAR

**15**

SW. COR.  
SEC. 15, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 9644

S. 1/4 COR.  
SEC. 15, T2N, R67W  
SET ALUM. CAP  
L.S. NO. 38305

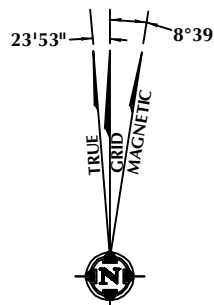
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*Benjamin J. Reenders*  
PROFESSIONAL LAND SURVEYOR  
5/29/13

BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48306

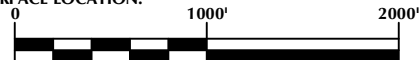
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SCALE: 1" = 1000'

### WELL PAD - BUTTERBALL 4N-10HZ

**BUTTERBALL 30C-15HZ**  
**WELL LOCATION CERTIFICATE**  
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| REVISED:      |         | FILE NAME:     | 13-47   | 2 OF 2    |