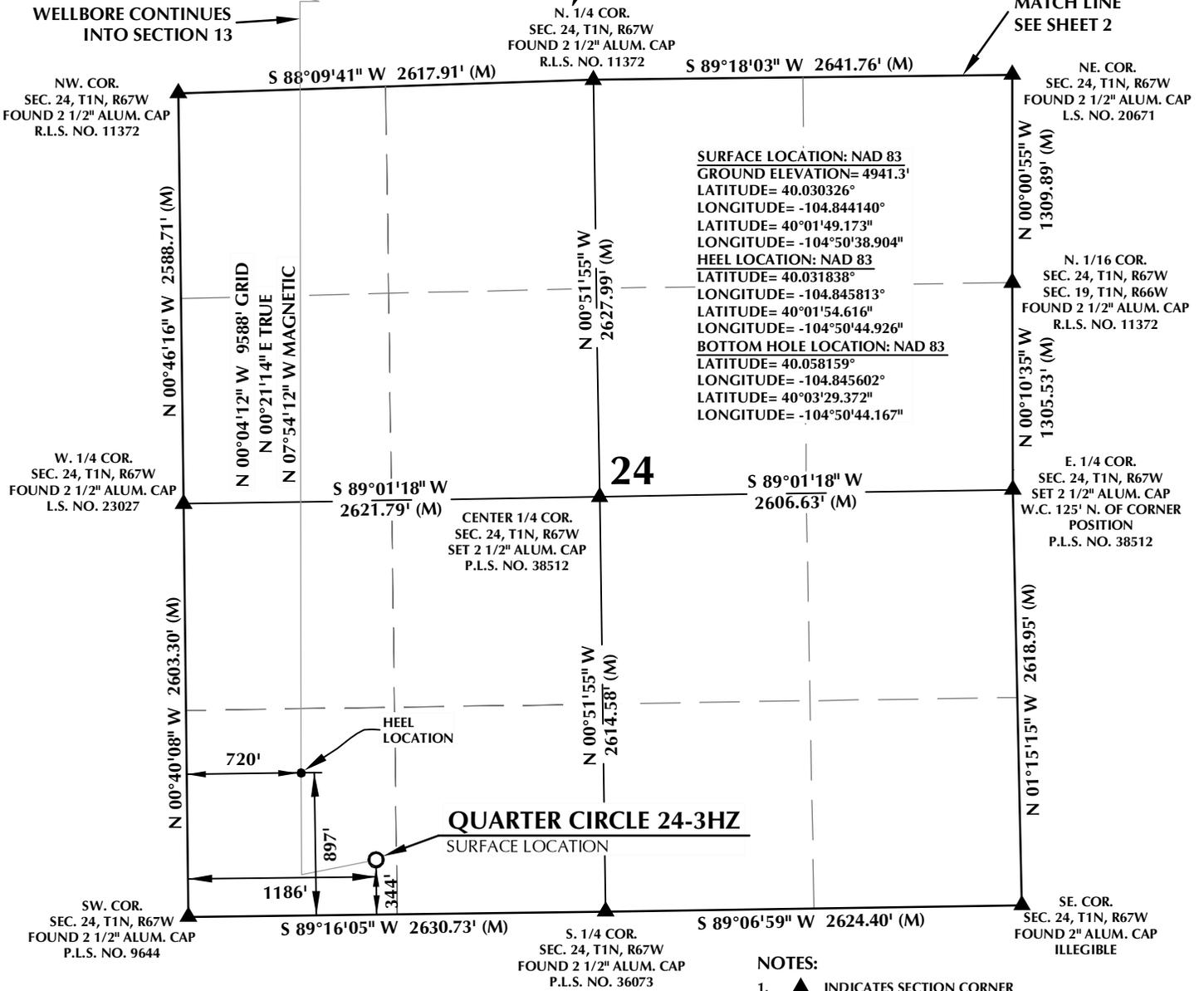


# T1N, R67W

N. 1/4 COR.  
SEC. 24, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

MATCH LINE  
SEE SHEET 2



**NOTES:**

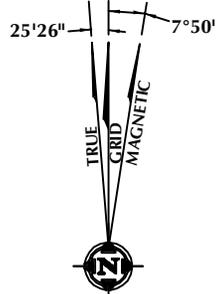
- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
- COMBINED SCALE FACTOR: .99973172 CALCULATED FROM THE SE. CORNER OF SECTION 24, T1N, R67W
- OPERATOR: ROB WILSON / PDOP = 1.6
- 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°04'12"W, 9588' FROM THE HEEL LOCATION.

**CERTIFICATE OF SURVEYOR:**

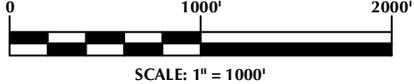
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
**RANDALL K. FRENCH**  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 38512  
 3/28/17

**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 2/7/2017.  
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



**WELL PAD - QUARTER CIRCLE 24-3HZ**

QUARTER CIRCLE 24-3HZ  
 WELL LOCATION CERTIFICATE  
 344' FSL & 1186' FWL SWSW (SURFACE)  
 897' FSL & 720' FWL SWSW (HEEL)  
 LOCATED IN SECTION 24  
 49' FNL & 820' FWL NWNW (BOTTOM)  
 LOCATED IN SECTION 13  
 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: LMO       | CHECKED BY: RKF        | SHEET NO:<br><b>1</b><br>1 OF 2 |
| DATE DRAFTED: 3/28/17 | DATE SURVEYED: 12/8/16 |                                 |
| REVISED:              | FILE NAME: 14-102      |                                 |

K:\JAMADAR\2014\102\_QUARTER\_CIRCLE\_24-3HZ.PLT.dwg, 3/28/2017 2:52:15 PM, lba

# T1N, R67W

NW. COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

W. 1/4 COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

S. 1/16 COR.  
SEC. 13 & SEC. 14  
T1N, R67W  
SET 2 1/2" ALUM. CAP  
P.L.S. NO. 38512

SW. COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

E. 1/16 COR.  
SEC. 12 & SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

N. 1/4 COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

CENTER 1/4 COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

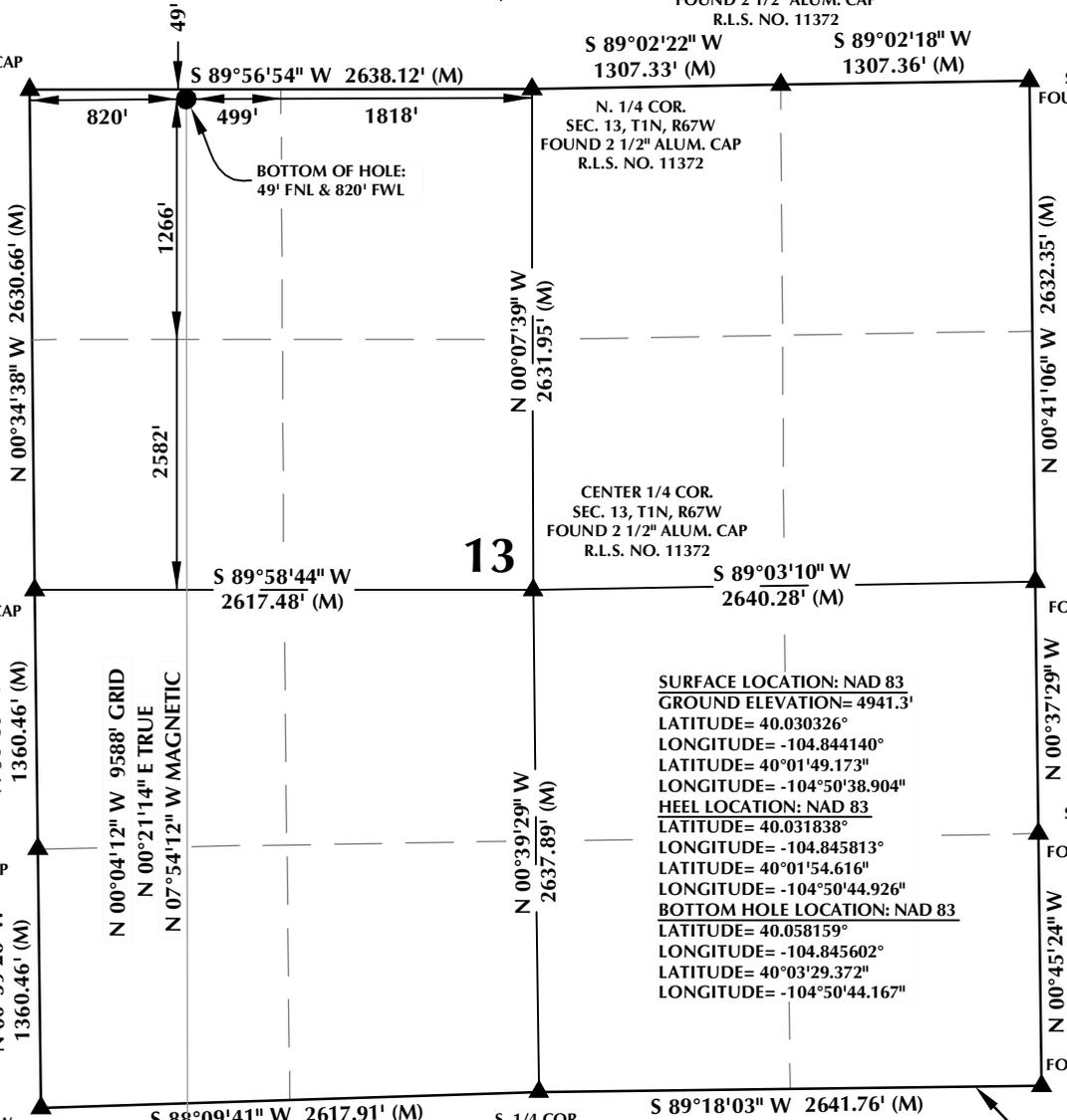
S. 1/4 COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

NE. COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

E. 1/4 COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

S. 1/16 COR.  
SEC. 13, T1N, R67W &  
SEC. 18, T1N, R66W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 11372

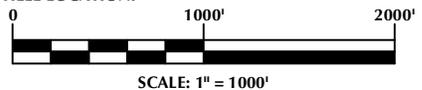
SE. COR.  
SEC. 13, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
R.L.S. NO. 20671



**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4941.3'  
LATITUDE= 40.030326°  
LONGITUDE= -104.844140°  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.01838°  
LONGITUDE= -104.845813°  
LATITUDE= 40°01'54.616"  
LONGITUDE= -104°50'44.926"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.058159°  
LONGITUDE= -104.845602°  
LATITUDE= 40°03'29.372"  
LONGITUDE= -104°50'44.167"

**NOTES:**

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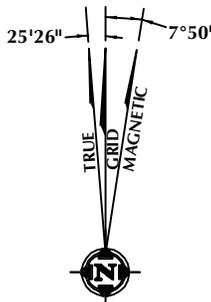
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*Randall K. French*  
PROFESSIONAL LAND SURVEYOR  
38512

RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 18512

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|                       |                        |                                 |
|-----------------------|------------------------|---------------------------------|
| DRAFTED BY: LMO       | CHECKED BY: RKF        | SHEET NO:<br><b>2</b><br>2 OF 2 |
| DATE DRAFTED: 3/28/17 | DATE SURVEYED: 12/8/16 |                                 |
| REVISED:              | FILE NAME: 14-102      |                                 |