



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

December 15, 2016

Matt Lepore  
Director, Colorado Oil and Gas Conservation Commission  
Department of Natural Resources  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A.e**  
BUTTERBALL 24N2-34HZ (Doc No. 401165710)  
Township 2 North, Range 67 West  
Section 10: NENE  
Unit Acreage: 640 Acres  
Unit Spacing: 2N67W SEC 10: N2NE  
2N67W SEC 3: E2  
3N67W SEC 34: SE, S2NE  
Weld County, Colorado

Dear Director Lepore:

Kerr McGee Oil and Gas Onshore LP (“KMG”) hereby certifies that KMG owns one hundred percent (100%) of the leasehold interest in the mineral rights in the proposed spacing unit. KMG hereby respectfully requests approval of this boundary well.

If you have any questions or issues regarding this permit, please contact our office.

Sincerely,

**Kerr-McGee Oil and Gas Onshore LP**

A handwritten signature in black ink that reads "Shayelyn Marshall".

Shayelyn Marshall  
Regulatory Analyst I

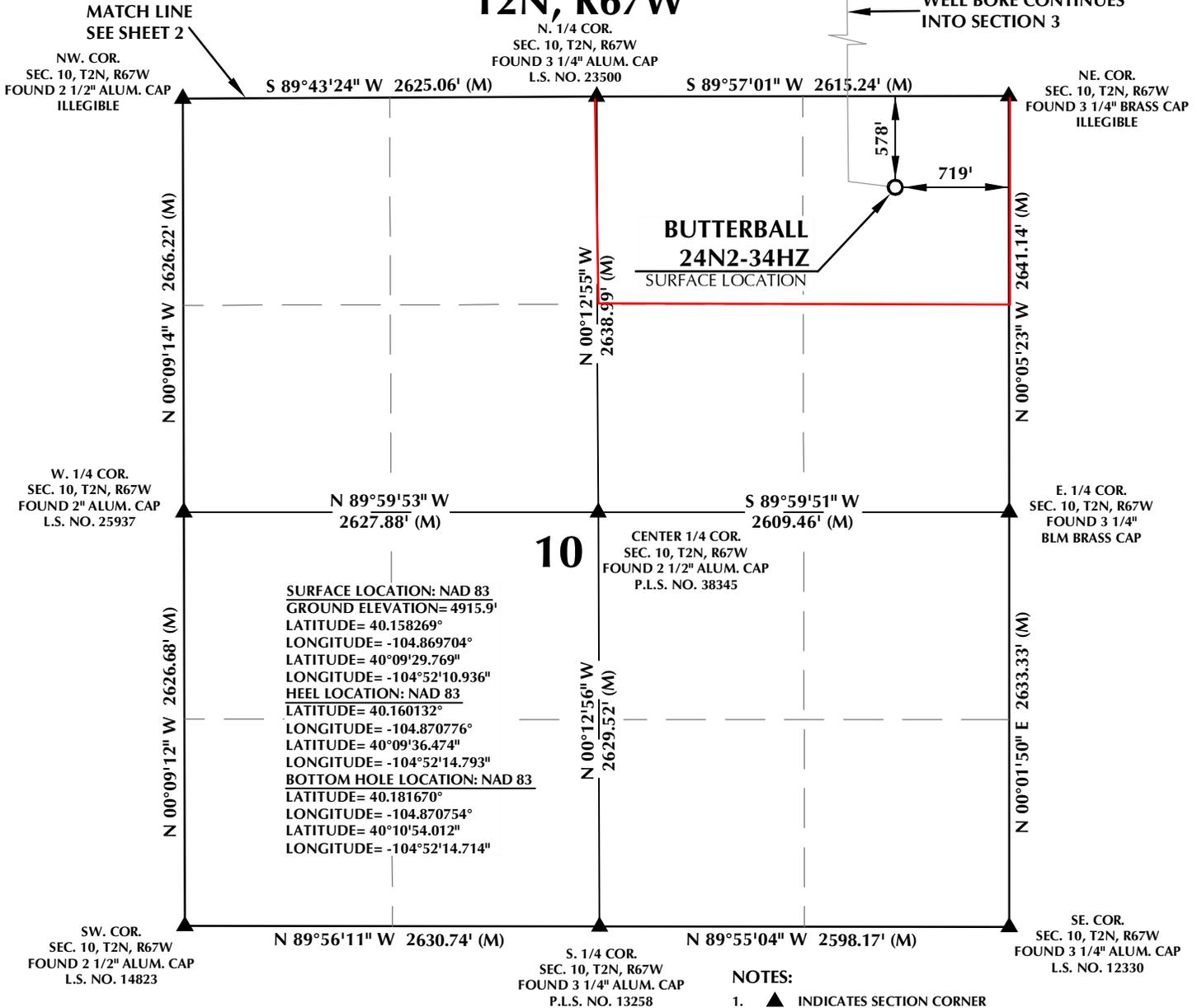
Enclosure

**PROPOSED SPACING UNIT**

**T2N, R67W**

N. 1/4 COR.  
SEC. 10, T2N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 23500

WELL BORE CONTINUES  
INTO SECTION 3

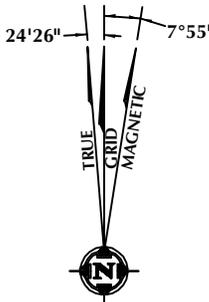


**CERTIFICATE OF SURVEYOR:**

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 CRS, 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

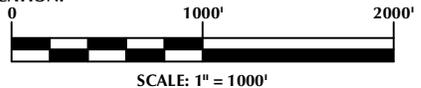
NOTE: ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE: MAGNETIC NORTH IS CURRENT AS OF 10/3/2016. MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

**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: .99972597 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 10, T2N, R67W
- OPERATOR: ROB WILSON / 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 N00°21'42"W, 7846' FROM THE HEEL LOCATION.



**WELL PAD - BUTTERBALL 24N2-34HZ**

BUTTERBALL 24N2-34HZ  
WELL LOCATION CERTIFICATE  
578' FNL & 719' FEL NENE (SURFACE)  
LOCATED IN SECTION 10  
99' FSL & 1023' FEL SESE (HEEL)  
LOCATED IN SECTION 3  
T2N, R67W, 6TH P.M.  
2581' FSL & 1012' FEL NESE (BOTTOM)  
LOCATED IN SECTION 34  
T3N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

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



**CONSULTING, LLC**

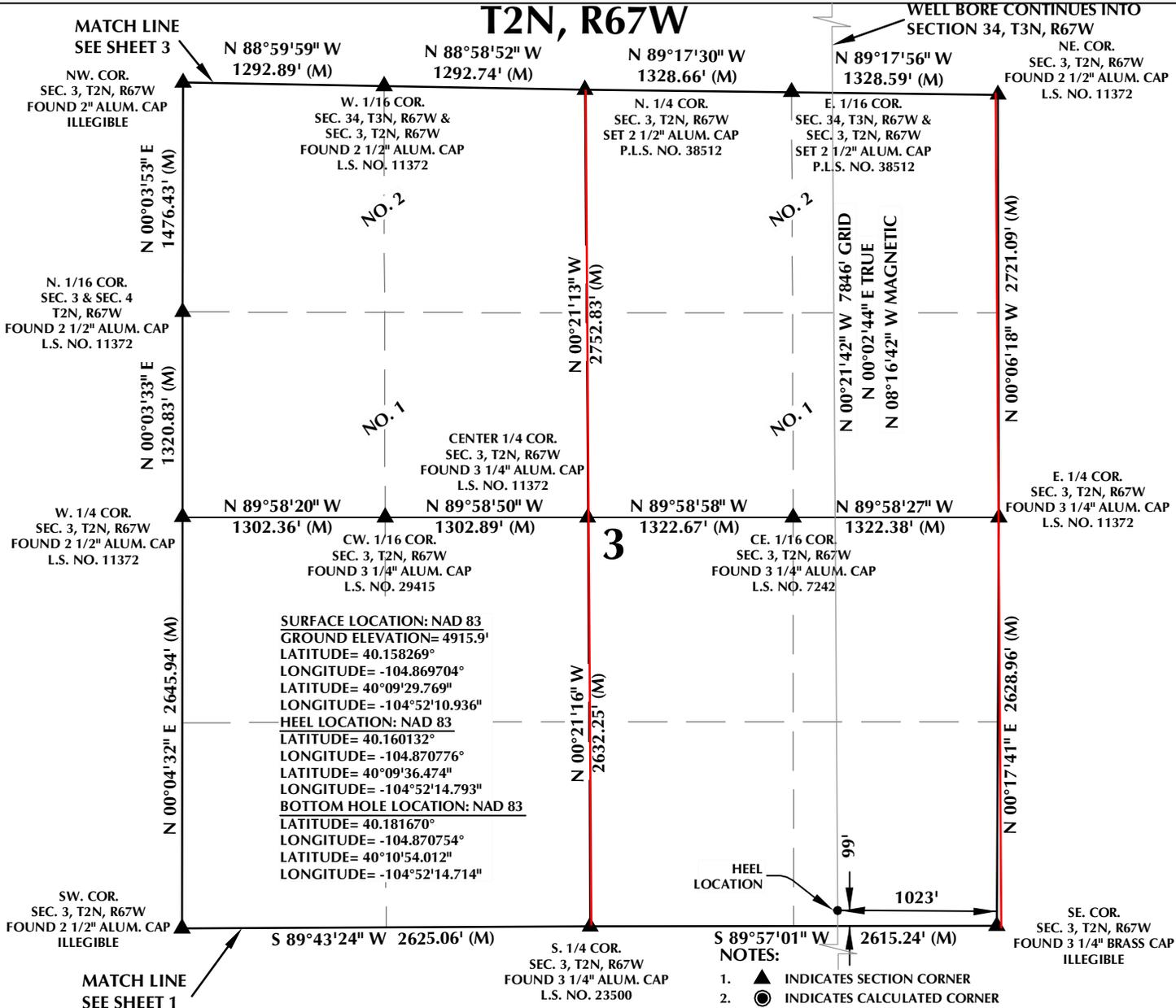
**SHERIDAN OFFICE**  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

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

DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>1</b> 1 OF 3
DATE DRAFTED: 10/19/16	DATE SURVEYED: 7/26/16	
REVISED:	FILE NAME: 13-90	

**PROPOSED SPACING UNIT**

**T2N, R67W**



**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4915.9'  
 LATITUDE= 40.158269°  
 LONGITUDE= -104.869704°  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.160132°  
 LONGITUDE= -104.870776°  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.181670°  
 LONGITUDE= -104.870754°  
 LATITUDE= 40°10'54.012"  
 LONGITUDE= -104°52'14.714"

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  - WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
  - THE BOTTOM OF HOLE BEARS N00°21'42"W, 7846' FROM THE HEEL LOCATION.
  - NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

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*Randall K. French*  
**PROFESSIONAL LAND SURVEYOR**  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 48512

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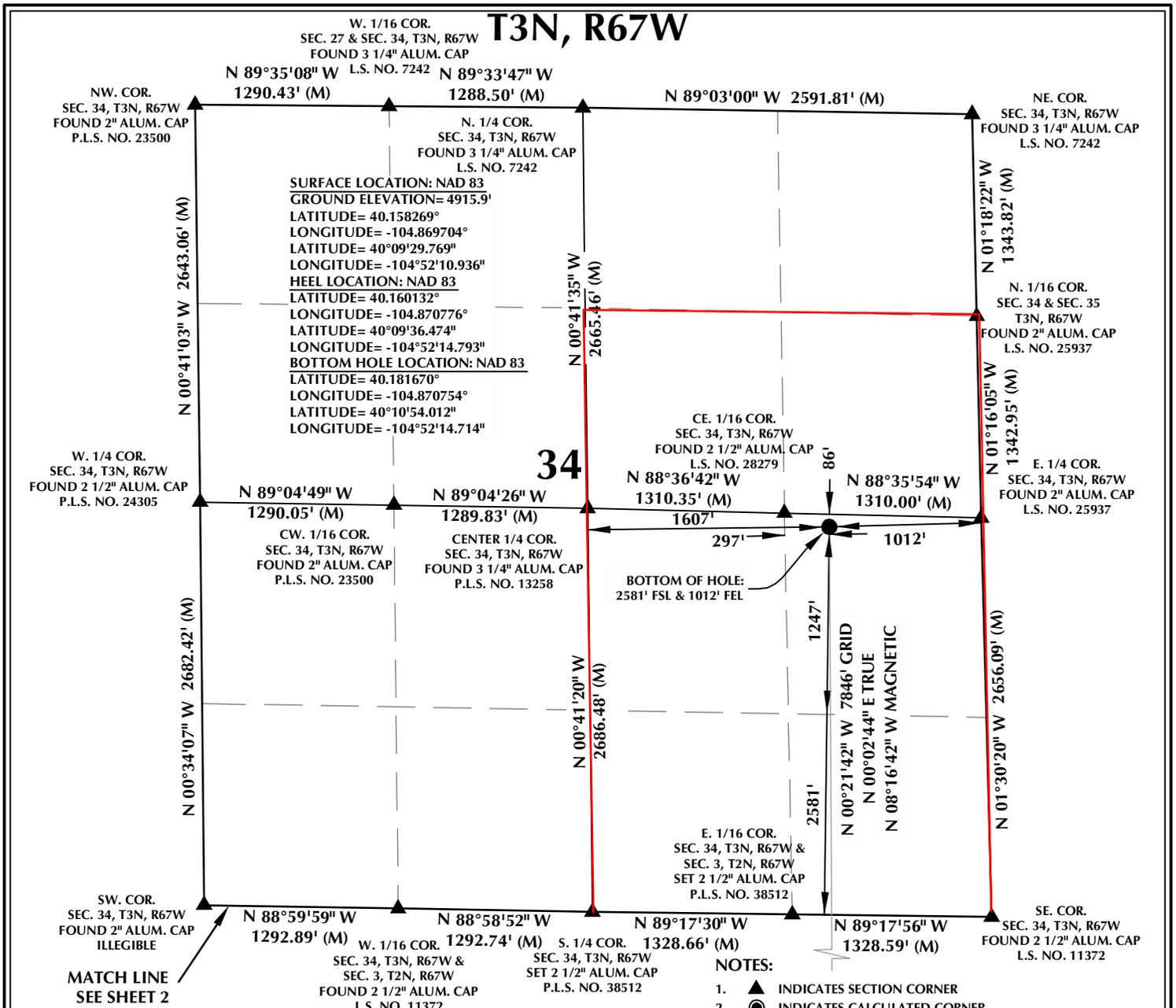
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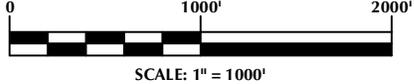
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**T3N, R67W**



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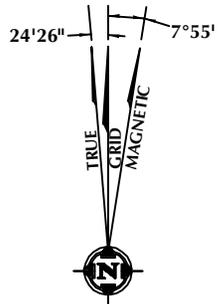
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