



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th 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 24N-34HZ (Doc No. 401165708)
Township 2 North, Range 67 West
Section 10: NENE
Unit Acreage: 320 Acres
Unit Spacing: 2N67W SEC 10: NWNE
2N67W SEC 3: W2E2
3N67W SEC 34: W2SE, SWNE
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,

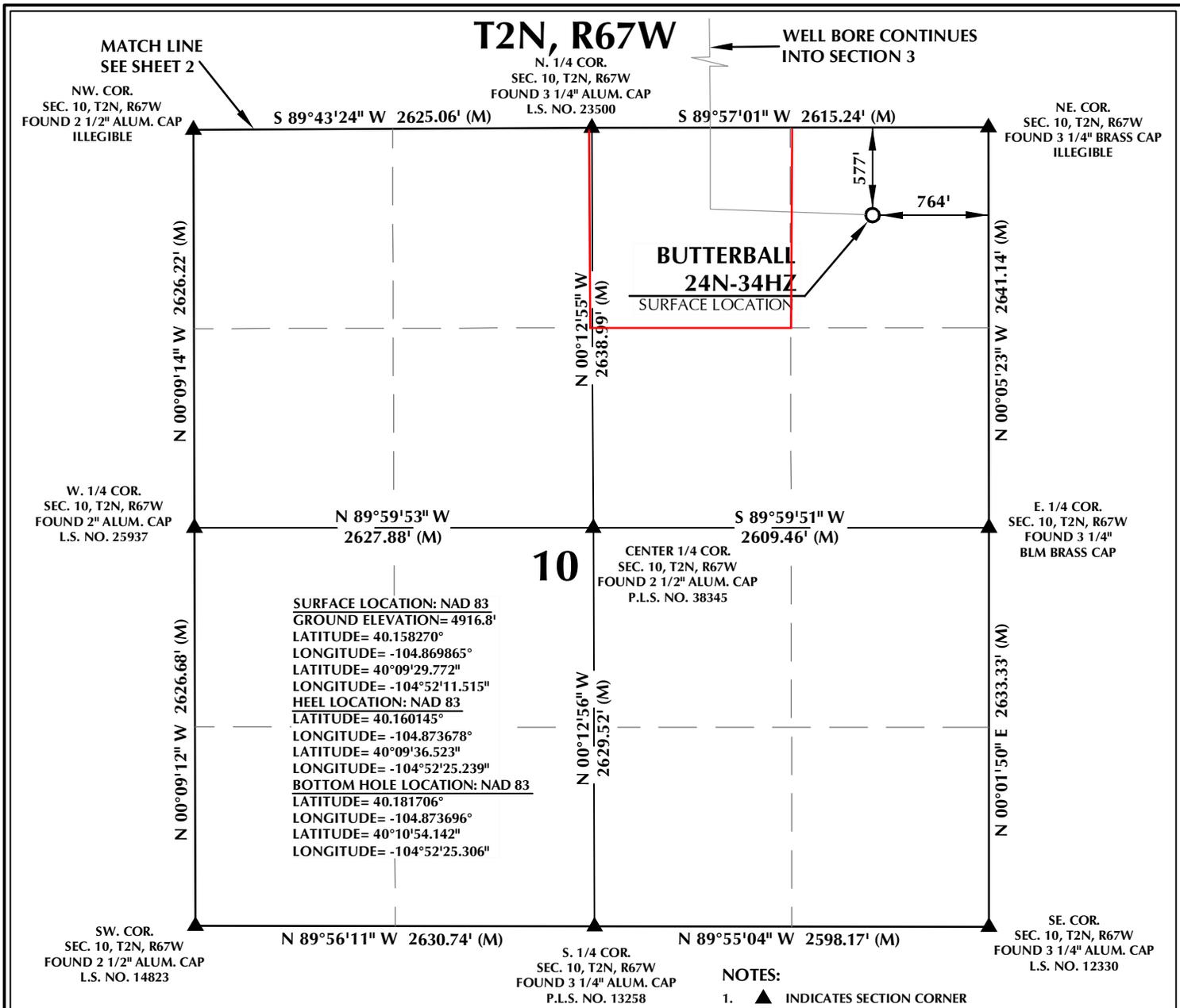
Kerr-McGee Oil and Gas Onshore LP

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

Shayelyn Marshall
Regulatory Analyst I

Enclosure

PROPOSED SPACING UNIT



10

SURFACE LOCATION: NAD 83
 GROUND ELEVATION= 4916.8'
 LATITUDE= 40.158270°
 LONGITUDE= -104.869865°
 LATITUDE= 40°09'29.772"
 LONGITUDE= -104°52'11.515"
HEEL LOCATION: NAD 83
 LATITUDE= 40.160145°
 LONGITUDE= -104.873678°
 LATITUDE= 40°09'36.523"
 LONGITUDE= -104°52'25.239"
BOTTOM HOLE LOCATION: NAD 83
 LATITUDE= 40.181706°
 LONGITUDE= -104.873696°
 LATITUDE= 40°10'54.142"
 LONGITUDE= -104°52'25.306"

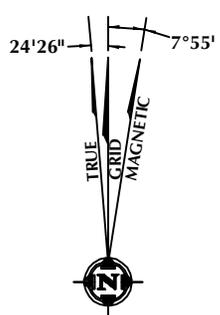
- NOTES:**
- ▲ INDICATES SECTION CORNER
 - ⊙ INDICATES CALCULATED CORNER
 - ELEVATION BASED ON NAVD88 (GEOID12B)
 - BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
 - ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972597 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 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°26'32"W, 7854' FROM THE HEEL LOCATION.
- 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 CRS, 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
 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.



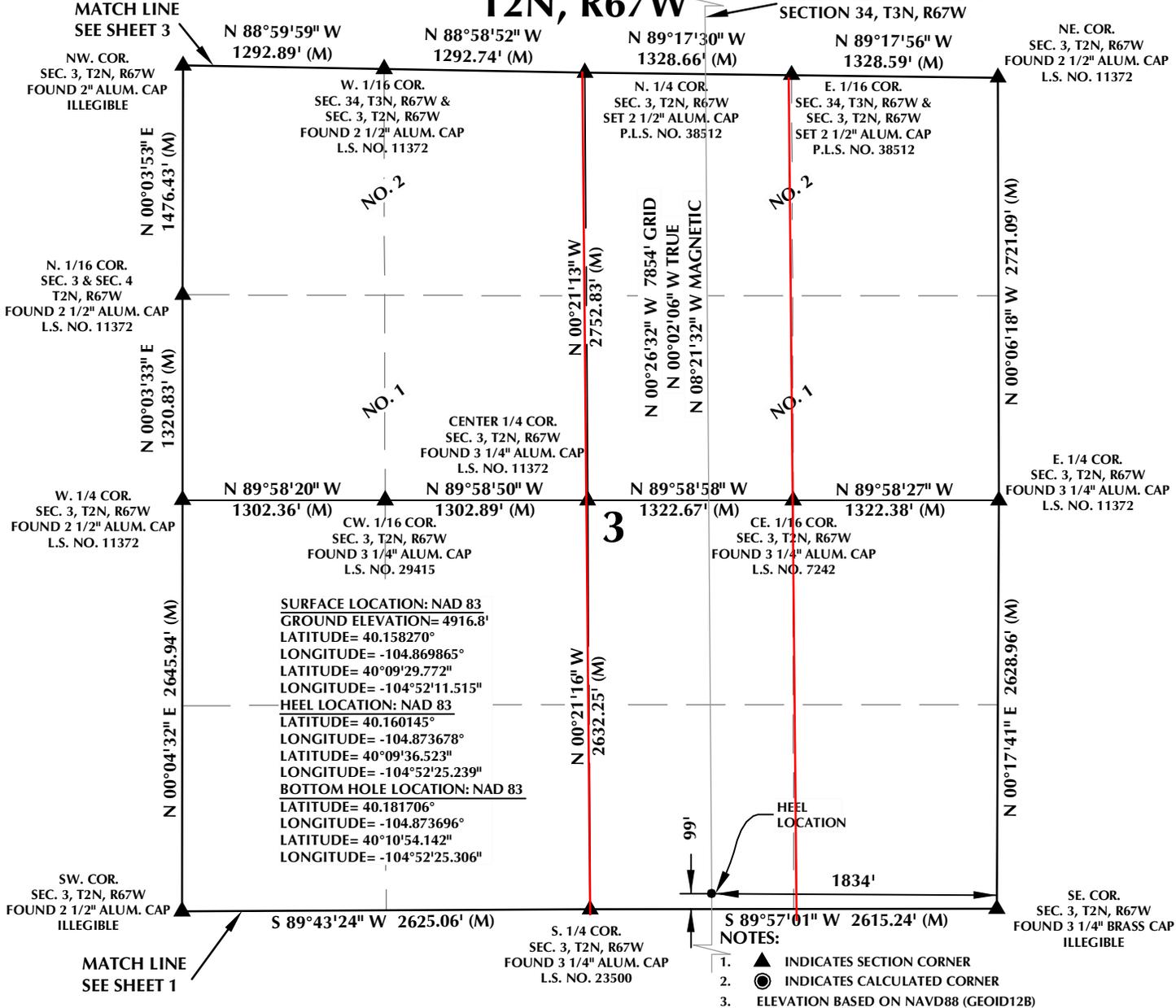
K:\LANDARKO\2013\2013_90_COLORADO_T2N_R67W_SEC_10_EAST1\PLATS\BUTTERBALL_24N2-34HZ_BB_24N2-34HZ.dwg, 10/20/2016 4:43:39 PM, lba

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| WELL PAD - BUTTERBALL 24N2-34HZ | | <p>Kerr-McGee Oil & Gas Onshore L.P.</p> <p>1099 18th Street Denver, Colorado 80202</p> | <p>609 CONSULTING, LLC</p> <p>SHERIDAN OFFICE 1095 Saberton Avenue Sheridan, Wyoming 82801 Phone 307-674-0609</p> <p>LOVELAND OFFICE 1635 Foxtrail Drive, Suite 204 Loveland, Colorado 80538 Phone 970-776-4331</p> | |
| <p>BUTTERBALL 24N-34HZ WELL LOCATION CERTIFICATE 577' FNL & 764' FEL NENE (SURFACE) LOCATED IN SECTION 10 99' FSL & 1834' FEL SWSE (HEEL) LOCATED IN SECTION 3 T2N, R67W, 6TH P.M. 2578' FSL & 1834' FEL NWSE (BOTTOM) LOCATED IN SECTION 34 T3N, R67W, 6TH P.M. WELD COUNTY, COLORADO</p> | | | | <p>DRAFTED BY: LMO</p> <p>DATE DRAFTED: 10/19/16</p> <p>REVISED:</p> |

PROPOSED SPACING UNIT

T2N, R67W

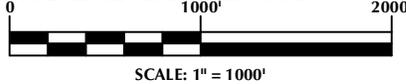
WELL BORE CONTINUES INTO SECTION 34, T3N, R67W



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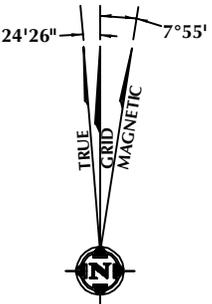
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- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°26'32"W, 7854' FROM THE HEEL LOCATION.
- NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY



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



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

WELL PAD - BUTTERBALL 24N2-34HZ

BUTTERBALL 24N-34HZ
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 577' FNL & 764' FEL NENE (SURFACE)
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 99' FSL & 1834' FEL SWSE (HEEL)
 LOCATED IN SECTION 3
 T2N, R67W, 6TH P.M.
 2578' FSL & 1834' FEL NWSE (BOTTOM)
 LOCATED IN SECTION 34
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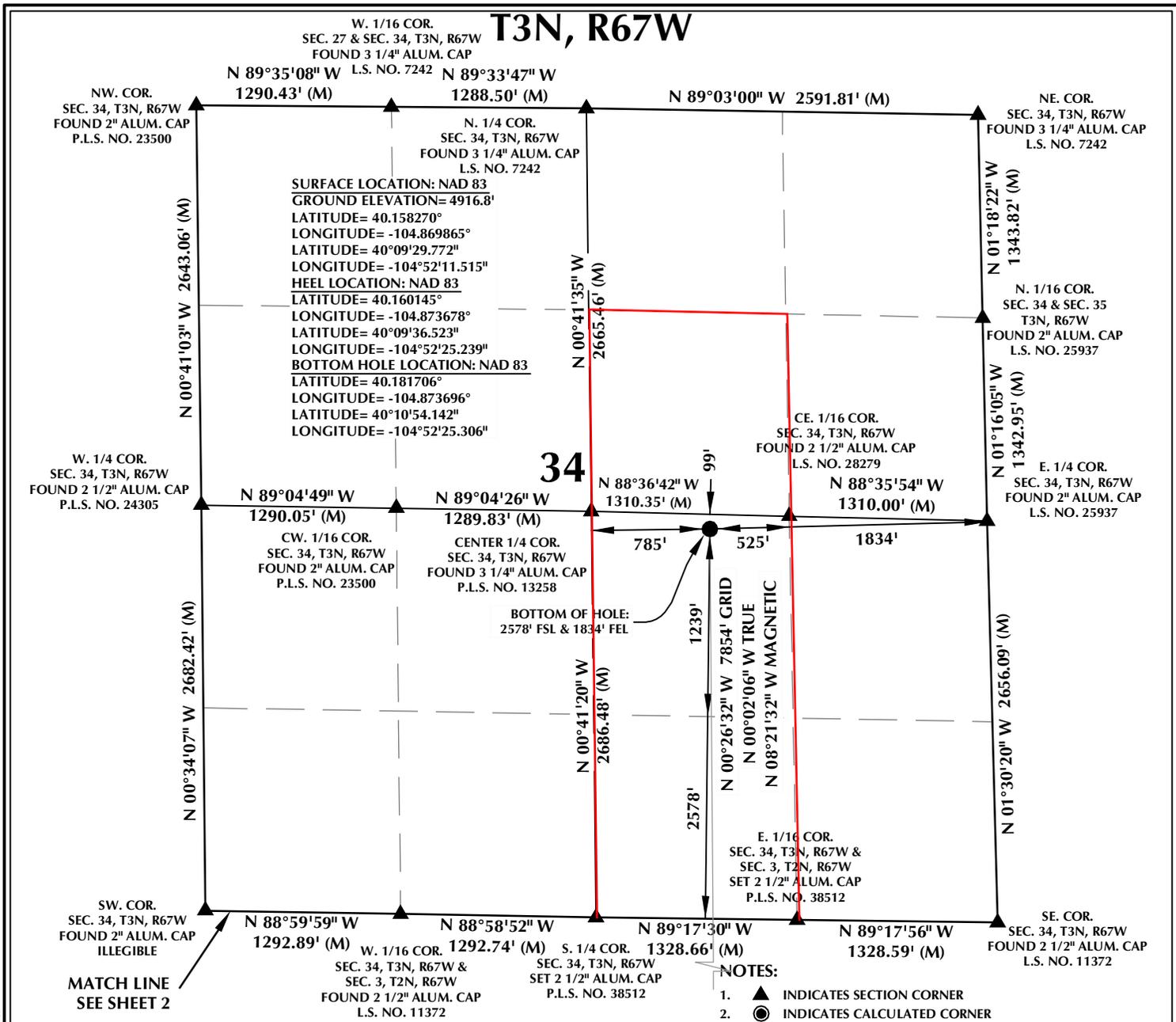
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| DRAFTED BY: LMO | CHECKED BY: RKF | SHEET NO: 2 2 OF 3 |
| DATE DRAFTED: 10/19/16 | DATE SURVEYED: 7/26/16 | |
| REVISED: | FILE NAME: 13-90 | |

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T3N, R67W



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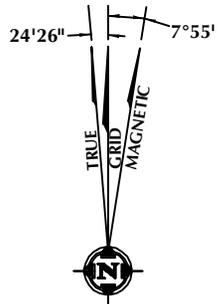
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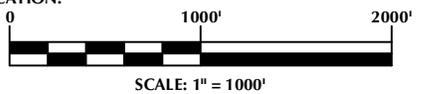
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