



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000

December 6, 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 10N-34HZ (Doc No. 401161266)
Township 2 North, Range 67 West
Section 10: NENW
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

T2N, R67W

NW. COR.
SEC. 10, T2N, R67W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

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

WELL BORE CONTINUES
INTO SECTION 3

MATCH LINE
SEE SHEET 2

NE. COR.
SEC. 10, T2N, R67W
FOUND 3 1/4" BRASS CAP
ILLEGIBLE

S 89°43'24" W 2625.06' (M)

S 89°57'01" W 2615.24' (M)

N 00°09'14" W 2626.22' (M)

2325'

820'

N 00°12'55" W 2638.99' (M)

**BUTTERBALL
10N-34HZ**
SURFACE LOCATION

N 00°05'23" W 2641.14' (M)

W. 1/4 COR.
SEC. 10, T2N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 25937

N 89°59'53" W
2627.88' (M)

S 89°59'51" W
2609.46' (M)

E. 1/4 COR.
SEC. 10, T2N, R67W
FOUND 3 1/4" BLM BRASS CAP

10

CENTER 1/4 COR.
SEC. 10, T2N, R67W
FOUND 2 1/2" ALUM. CAP
P.L.S. NO. 38345

SURFACE LOCATION: NAD 83
GROUND ELEVATION=4934.4'
LATITUDE= 40.157638°
LONGITUDE= -104.877564°
LATITUDE= 40°09'27.497"
LONGITUDE= -104°52'39.232"
HEEL LOCATION: NAD 83
LATITUDE= 40.160157°
LONGITUDE= -104.874379°
LATITUDE= 40°09'36.565"
LONGITUDE= -104°52'27.763"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.181720°
LONGITUDE= -104.874421°
LATITUDE= 40°10'54.192"
LONGITUDE= -104°52'27.916"

N 00°12'56" W 2629.52' (M)

N 00°09'12" W 2626.68' (M)

N 89°56'11" W 2630.74' (M)

N 89°55'04" W 2598.17' (M)

SW. COR.
SEC. 10, T2N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 14823

S. 1/4 COR.
SEC. 10, T2N, R67W
FOUND 3 1/4" ALUM. CAP
P.L.S. NO. 13258

SE. COR.
SEC. 10, T2N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 12330

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 = 1.1
- 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°29'25"W, 7855' FROM THE HEEL LOCATION.

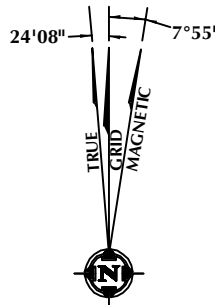


CERTIFICATE OF SURVEYOR:

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 18512

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.

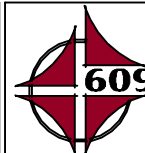


NOTE:
MAGNETIC NORTH IS CURRENT AS OF 10/10/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

WELL PAD - BUTTERBALL 25C-34HZ

BUTTERBALL 10N-34HZ
WELL LOCATION CERTIFICATE
820' FNL & 2325' FWL NENW (SURFACE)
LOCATED IN SECTION 10
102' FSL & 2030' FEL SWSE (HEEL)
LOCATED IN SECTION 3
T2N, R67W, 6TH P.M.
2579' FSL & 2036' FEL NWSE (BOTTOM)
LOCATED IN SECTION 34
T3N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
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CONSULTING, LLC

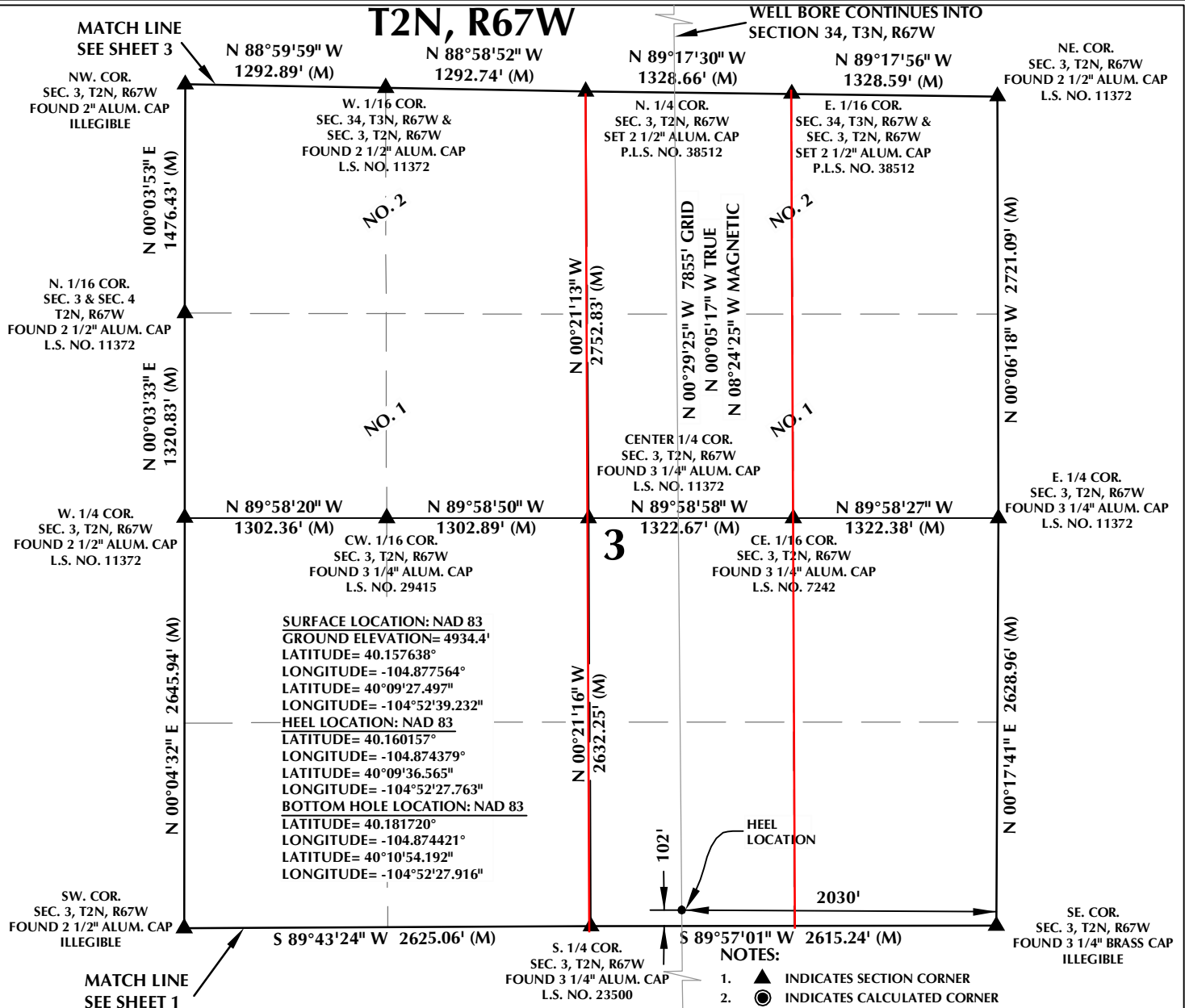
SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

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

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

PROPOSED SPACING UNIT

T2N, R67W



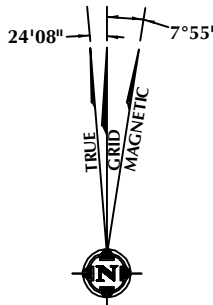
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 - THE BOTTOM OF HOLE BEARS N00°29'25"W, 7855' FROM THE HEEL LOCATION.
 - NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY



SCALE: 1" = 1000'

WELL PAD - BUTTERBALL 25C-34HZ

BUTTERBALL 10N-34HZ
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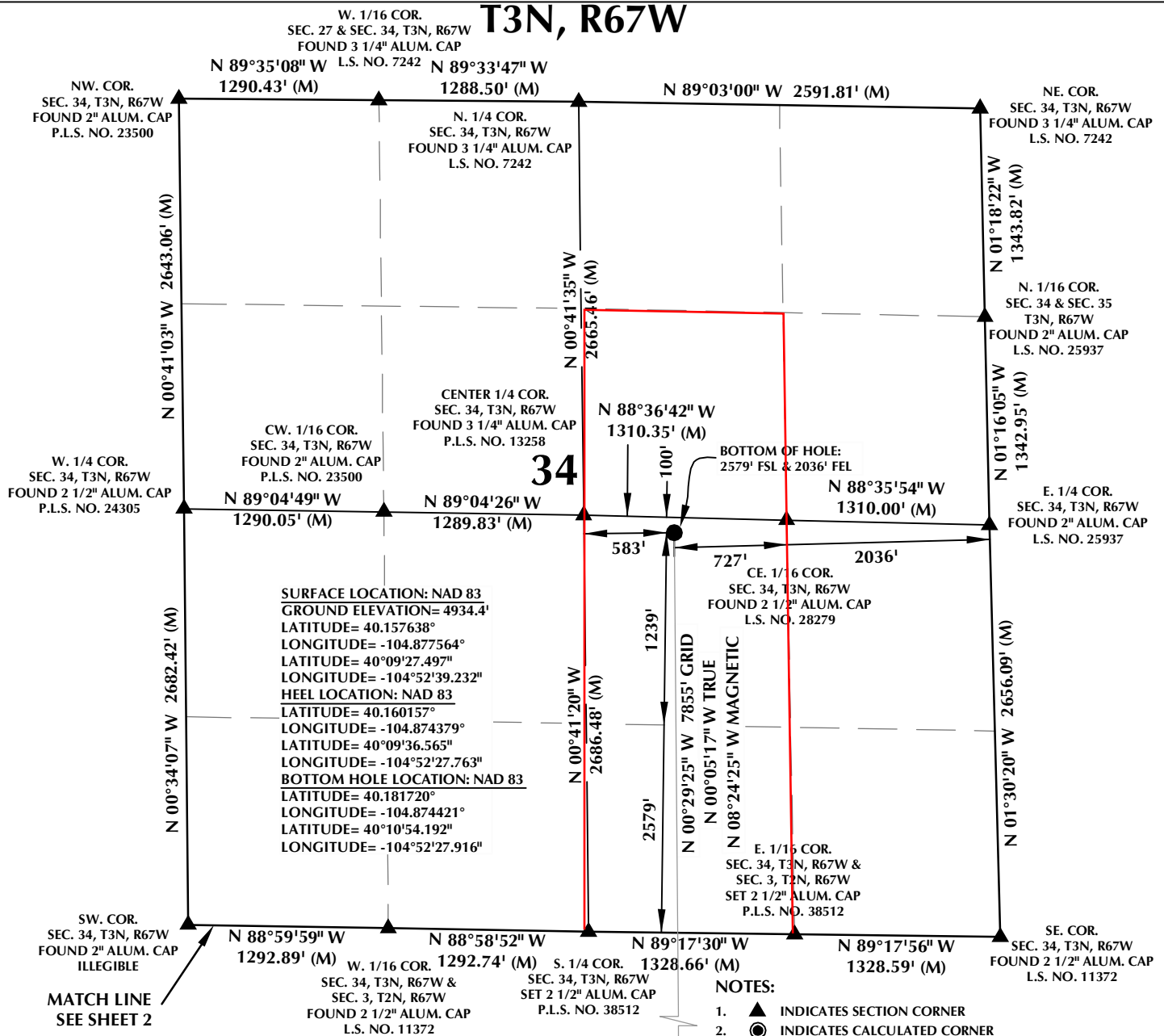
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PROPOSED SPACING UNIT



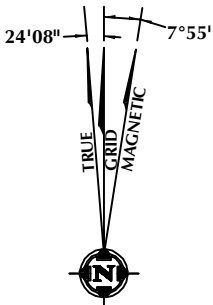
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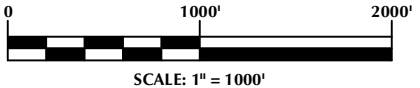
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