



July 12, 2013

Department of Natural Resources
Oil and Gas Conservation Commission
The Chancery Building
1120 Lincoln St., Suite 801
Denver, CO 80203

Re: **30 Day Certification Letter - 318A-e**
BUTTERBALL 30C-15HZ
Township 2 North, Range 67 West, Section 10: SW/4SW/4
Unit Spacing: 02N-67W-9 SE/4SE/4 02N-67W-10 SW/4SW/4
02N-67W-15 W/2W/2 02N-67W-16 E/2E/2
Weld County, Colorado

Ladies/Gentlemen:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies to the Director that a thirty (30) day notice has been given by certified mail to all owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. KMG hereby requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

Kerr-McGee Oil and Gas Onshore LP

A handwritten signature in black ink, appearing to read 'Cheryl Light', written over a horizontal line.

Cheryl Light
Senior Regulatory Analyst

Enclosure

T2N, R67W

NW. COR.
SEC. 10, T2N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 28656

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

S 89°43'12" W 2625.07' (M)

S 89°57'01" W 2615.24' (M)

N. 1/4 COR.
SEC. 10, T2N, R67W
FOUND 3 1/4" 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"

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

N 89°59'56" W
2628.03' (C)

N 89°59'56" W
2609.22' (C)

E. 1/4 COR.
SEC. 10, T2N, R67W
FOUND 1952 BLM
BRASS CAP

10

N 00°12'55" W
2639.08' (C)

N 00°12'55" W
2629.43' (C)

N 00°05'05" W 2641.39' (M)

N 00°01'43" E 2633.10' (M)

BUTTERBALL 30C-15HZ
SURFACE LOCATION

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
L.S. NO. 13258

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

S 02°40'50" W 5248' GRID
S 03°04'43" W TRUE
S 05°58'10" E MAGNETIC

N 89°56'11" W 2630.74' (M)

WELL BORE CONTINUES
INTO SECTION 15

N 89°55'03" W 2598.03' (M)

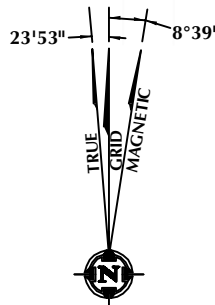
MATCH LINE
SEE SHEET 2

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 48361
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:

1. ▲ INDICATES FOUND SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972297
6. OPERATOR: ROB WILSON / PDOP = 1.2
7. SURFACE USE OF LOCATION IS RANGELAND.
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS S02°40'50"W 5248' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

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

