

K:\MADARKO\2013\2013_30_COLORADO_T2N_R67W_SEC_10_EASTPLATS\BUTTERBALL 37N-10HZ.BAT.dwg, 8/18/2014 9:42:53 AM, jake

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

BUTTERBALL 37N-10HZ
SURFACE LOCATION

1489'

129'

N 00°12'55" W
2639.08' (C)

(M) N 00°05'05" W 2641.39' (M)

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

SURFACE LOCATION
GROUND ELEVATION= 4920.4'
NAD 83
LATITUDE= 40.158145°
LONGITUDE= -104.872459°

10

LATITUDE= 40°09'29.324"
LONGITUDE= -104°52'20.853"

BOTTOM HOLE LOCATION
NAD 83
LATITUDE= 40.146654°
LONGITUDE= -104.871543°

LATITUDE= 40°08'47.956"
LONGITUDE= -104°52'17.556"

S 03°54'21" E 4194' GRID
S 03°30'01" E TRUE
S 11°58'21" E MAGNETIC

2171'

BOTTOM OF HOLE:
460' FSL & 1205' FEL

856'

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

N 89°56'11" W 2630.74' (M)

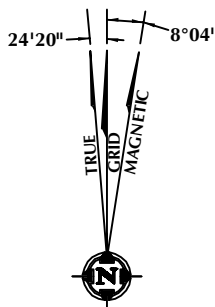
N 89°55'03" W 2598.03' (M)

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. 38-513-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Benjamin J. Reenders
BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 83305
8/15/14

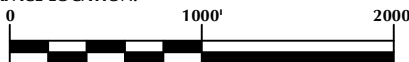
NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION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



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 8/11/2014.
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 = 1.4
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS S03°54'21"E 4194' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

WELL PAD - BUTTERBALL 37N-10HZ

BUTTERBALL 37N-10HZ
WELL LOCATION CERTIFICATE
627' FNL & 1489' FEL NWN (SURFACE)
460' FSL & 1205' FEL SESE (BOTTOM)
LOCATED IN SECTION 10
T2N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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

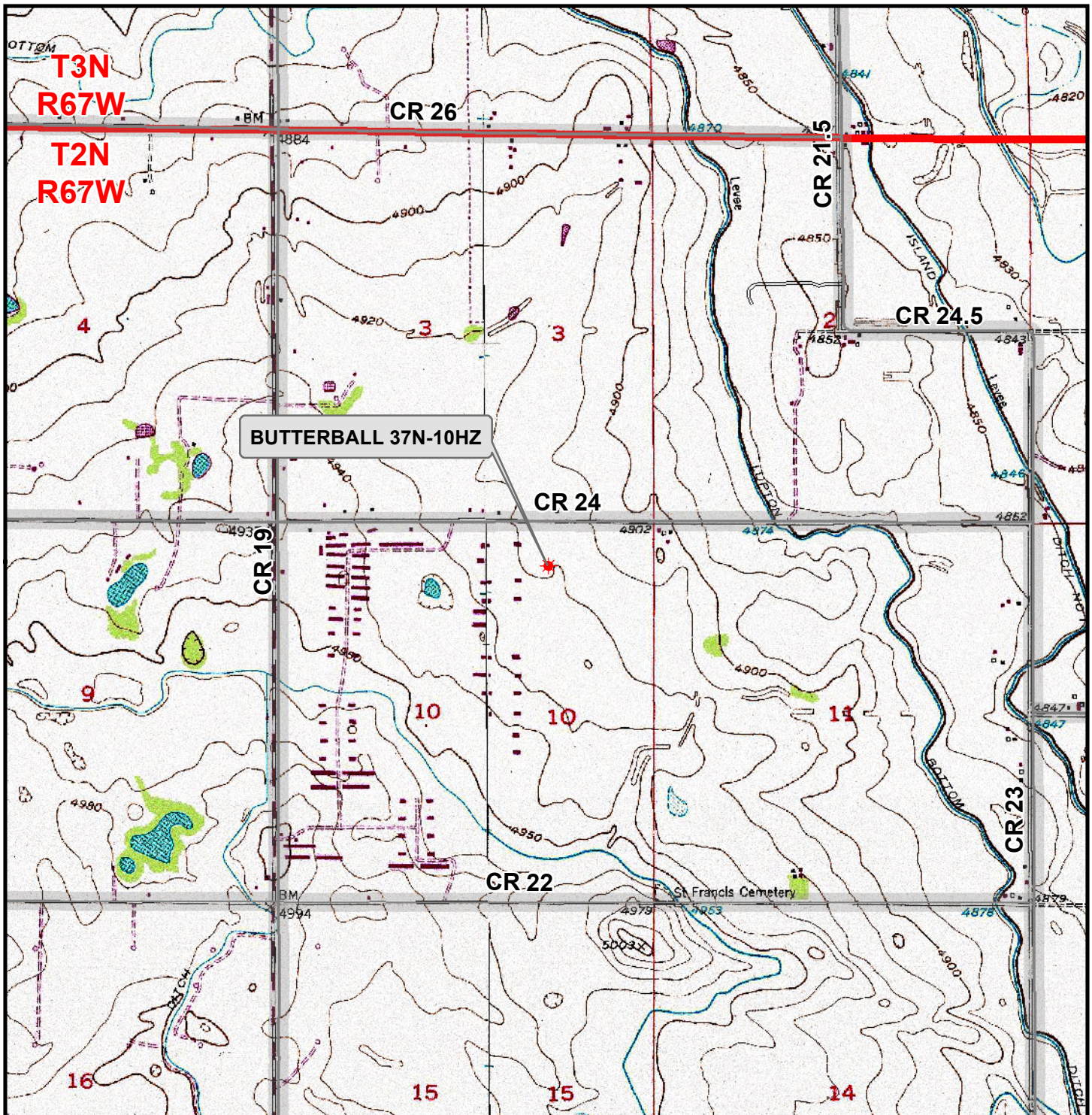


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2155 North Main Street
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Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	BJR
DATE DRAFTED:	8/15/14	DATE SURVEYED:	8/11/14
REVISED:		FILE NAME:	13-90



Legend

- ★ Well - Fee - Proposed
 Road - Primitive - Existing
 Road - County - Existing
 Road - Improved - Existing
 Road - Highway - Existing

WELL PAD - BUTTERBALL 37N-10HZ

GENERAL LOCATION MAP
BUTTERBALL 37N-10HZ
LOCATED IN SECTION 10
T2N, R67W, 6th P.M.
WELD COUNTY, COLORADO

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SCALE: 1" = 2,000ft

NAD83 CO-Nft

DRAWN: JELO

DATE: 12 Aug 2013

REVISED:

DATE: