# T3N, R66W

NW. COR.
SEC. 14, T3N, R66W
FOUND 2 1/2" BRASS CAP
LS 25367

NE. COR.
SEC. 14, T3N, R66W
FOUND BRASS CAP
STAMPED "NHPQ"
NUMBER ILLEGIBLE

S 88°59'41" W 2654.99' (M)

S 88°45'39" W 2655.71' (M)

1'

635' 692' 2020'

N. 1/4 COR.
SEC. 14, T3N, R66W
FOUND 2" ALUM. CAP
LS 23027

BOTTOM OF HOLE:
1' FNL & 635' FWL

1320'

2641'

N 00°34'20" W 2643.82' (M)

N 00°37'29" W 2635.63' (C)

N 00°36'24" W 2638.31' (M)

N 05°27'23" W 4977' GRID
N 04°58'18" W TRUE
N 13°29'23" W MAGNETIC

**SURFACE LOCATION**
GROUND ELEVATION= 4912.8'
NAD 83
LATITUDE= 40.218591°
LONGITUDE= -104.750016°

LATITUDE= 40°13'06.929"
LONGITUDE= -104°45'00.059"

**BOTTOM HOLE LOCATION**
NAD 83
LATITUDE= 40.232202°
LONGITUDE= -104.751561°

LATITUDE= 40°13'55.928"
LONGITUDE= -104°45'05.621"

W. 1/4 COR.
SEC. 14, T3N, R66W
FOUND 2 1/2" ALUM. CAP
LS 23500

E. 1/4 COR.
SEC. 14, T3N, R66W
FOUND 2 1/2" ALUM. CAP
LS 12330

S 88°49'07" W
2657.48' (C)

14

CENTER 1/4 COR.
SEC. 14, T3N, R66W

S 88°49'07" W
2654.85' (C)

N 00°35'04" W 2596.18' (M)

N 00°37'29" W 2616.33' (C)

N 00°44'43" W 2624.62' (M)

**FERGE 4C-14HZ**
SURFACE LOCATION

1058'

282'

S. 1/4 COR.
SEC. 14, T3N, R66W
FOUND ALUM. CAP
LS 10855

E. 1/16 COR.
SEC. 14 & SEC. 23, T3N, R66W
FOUND 3 1/4" ALUM. CAP
LS 4392

SW. COR.
SEC. 14, T3N, R66W
FOUND 3 1/4" ALUM. CAP
LS 16154

S 89°15'38" W
1329.67' (M)

S 89°14'44" W
1329.52' (M)

S 89°00'20" W
1330.05' (M)

S 88°59'27" W
1330.26' (M)

SE. COR.
SEC. 14, T3N, R66W
FOUND 3 1/4" ALUM. CAP
LS 4392

W. 1/16 COR.
SEC. 14 & SEC. 23, T3N, R66W
FOUND 2 1/2" ALUM. CAP
LS 23500

29'05" 8°02'

TRUE GRID MAGNETIC

N

## CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS 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.

COLORADO LICENSED
BENJAMIN J. REENDERS
38305
PROFESSIONAL LAND SURVEYOR

Benjamin J. Reenders

BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38305

10/11/13

**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 10/8/2013.
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: .99972607
6. OPERATOR: ROB WILSON / PDOP = 1.4
7. SURFACE USE OF LOCATION IS CULTIVATED LAND.
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS N05°27'23"W 4977' FROM THE SURFACE LOCATION.

0 1000' 2000'

SCALE: 1" = 1000'

**WELL PAD - FERGE 29N-14HZ**

**FERGE 4C-14HZ**
**WELL LOCATION CERTIFICATE**
**282' FSL & 1058' FWL SWSW (SURFACE)**
**1' FNL & 635' FWL NWNW (BOTTOM)**
**LOCATED IN SECTION 14**
**T3N, R66W, 6TH P.M.**
**WELD COUNTY, COLORADO**

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


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|---|---|---|---|
| DRAFTED BY: | LMO | CHECKED BY: | BJR |
| DATE DRAFTED: | 4/18/13 | DATE SURVEYED: | 10/8/13 |
| REVISED: | 10/11/13 | FILE NAME: | 12-22 |

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