T3N, R66W

NW. COR.
SEC. 13, T3N, R66W
FOUND BRASS CAP
STAMPED "NHPQ"
NUMBER ILLEGIBLE

NE. COR.
SEC. 13, T3N, R66W
FOUND ALUM. CAP
L.S. NO. 33642

S 88°17'30" W 5322.03' (M)

2130' 800' 530'

460'

BOTTOM
OF HOLE

859'

2178'

N 00°36'24" W 2638.31' (M)

N 00°36'00" W 2638.65' (M)

N 00°31'09" W 2639.05' (M)

SURFACE LOCATION
NAD 83
STPC (CO NORTH)
N: 1,323,546'
E: 3,217,416'
Lat: 40.218912°N
(40° 13' 08.084"N)
Lon: 104.721431°W
(104° 43' 17.152"W)

N 12°34'39" E 4657' GRID
N 13°04'50" E TRUE
N 03°52'39" E MAGNETIC

W. 1/4 COR.
SEC. 13, T3N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 12330

S 88°17'55" W
2657.28' (M)

13

E. 1/4 COR.
SEC. 13, T3N, R66W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 10372

BOTTOM HOLE
NAD 83
STPC (CO NORTH)
N: 1,328,092'
E: 3,218,430'
Lat: 40.231365°N
(40° 13' 52.913"N)
Lon: 104.717656°W
(104° 43' 03.561"W)

N 00°44'43" W 2624.62' (M)

N 00°31'47" W 2639.42' (M)

MAVERICK 1N-13HZ
UNGRADED ELEV= 5046.0'
SURFACE LOCATION

1586'

300'

S 88°27'23" W 5307.82' (M)

SW. COR.
SEC. 13, T3N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 4392

SE. COR.
SEC. 13, T3N, R66W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 12330

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
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38305

8/20/12

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.

30'11" 8°42'

TRUE GRID MAGNETIC

N

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 5/1/2012.
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: .99972118
6. OPERATOR: ROB WILSON / PDOP = 1.6
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 N12°34'39"E 4657' FROM THE SURFACE LOCATION.

0 1000' 2000'

SCALE: 1" = 1000'

WELL PAD - MAVERICK 27N-13HZ SWSE

MAVERICK 1N-13HZ
WELL LOCATION CERTIFICATE
300' FSL & 1586' FEL SWSE (SURFACE)
460' FNL & 530' FEL NENE (BOTTOM)
LOCATED IN SECTION 13
T3N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

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

609 CONSULTING, LLC
2155 North Main Street
Sheridan, Wyoming 82801
Phone 307-674-0609
Fax 307-674-0182

DRAFTED BY:	APF	CHECKED BY:	BJR
DATE DRAFTED:	5/4/12	DATE SURVEYED:	4/18/12
REVISED:	8/20/12	FILE NAME:	12-29

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