

T3N, R66W

NW. COR.
SEC. 27, T3N, R66W,
FOUND 3 1/4" ALUM. CAP
LS 13155

NE. COR.
SEC. 27, T3N, R66W,
FOUND 3 1/4" ALUM. CAP
LS 27269

S 88°54'40" W 5357.58' (M)

SURFACE POSITION
NAD 83
STPC (CO NORTH)
N: 1,313,175'
E: 3,203,632'
Lat: 40° 11' 26.750"N
(40.190764°N)
Lon: 104° 46' 15.937"W
(104.771093°W)

BOTTOM HOLE
NAD 83
STPC (CO NORTH)
N: 1,317,289'
E: 3,203,600'
Lat: 40° 12' 07.404"N
(40.202057°N)
Lon: 104° 46' 15.918"W
(104.771088°W)

SURFACE POSITION
NAD 27
STPC (CO NORTH)
N: 313,177'
E: 2,203,784'
Lat: 40° 11' 26.812"N
(40.190781°N)
Lon: 104° 46' 14.046"W
(104.770568°W)

BOTTOM HOLE
NAD 27
STPC (CO NORTH)
N: 317,290'
E: 2,203,752'
Lat: 40° 12' 07.467"N
(40.202074°N)
Lon: 104° 46' 14.027"W
(104.770563°W)

W. 1/4 COR.
SEC. 27, T3N, R66W,
FOUND 3 1/4" ALUM. CAP
LS 13155

N 00°53'51" W 2621.38' (M)

N 00°27'02" W 4114' GRID
N 00°00'58" E TRUE
N 09°17'07" W MAGNETIC

BOTTOM
OF HOLE

27

N 00°31'43" W 5284.14' (M)

BARCLAY 4N-27HZ

UNGRADED ELEV= 4964.1'
SURFACE POSITION

S. 1/4 COR.
SEC. 27, T3N, R66W,
SET ALUM. CAP
LS 38230

N 00°53'19" W 2666.70' (M)

488'

714'

S 88°52'22" W 2661.88' (M)

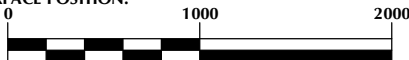
S 88°51'37" W 2662.11' (M)

SW. COR.
SEC. 27, T3N, R66W,
FOUND 3 1/4" ALUM. CAP
LS 13155

SE. COR.
SEC. 27, T3N, R66W,
FOUND 3 1/4" ALUM. CAP
LS 13155

NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972326
- OPERATOR: ROB WILSON / PDOP = 1.7
- SURFACE USE OF LOCATION IS RANGE LAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°27'02"W, 4114' FROM THE SURFACE POSITION.

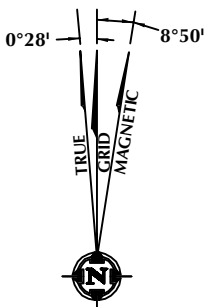


SCALE: 1" = 1000'

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. 38-50-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 7/14/2011.
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

WELL PAD - BARCLAY 13-27

BARCLAY 4N-27HZ
WELL LOCATION CERTIFICATE
460' FNL & 520' FWL (BOTTOM HOLE)
NW1/4 NW1/4, SECTION 27
T3N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

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



CONSULTING, LLC

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

DRAFTED BY: SEA

CHECKED BY: JRS

DATE DRAFTED: 7/14/11

DATE SURVEYED: 6/30/11

REVISED:

FILE NAME: 11-40