

# T3N, R66W

NW. COR.  
SEC. 28, T3N, R66W,  
FOUND 3 1/4" ALUM. CAP  
LS 13155

NE. COR.  
SEC. 28, T3N, R66W,  
FOUND 3 1/4" ALUM. CAP  
LS 13155

S 88°53'37" W 2601.84' (M)

S 88°52'40" W 2601.94' (M)

2491'

460'  
BOTTOM  
OF HOLE

N. 1/4 COR.  
SEC. 28, T3N, R66W,  
FOUND 3 1/4" ALUM. CAP  
LS 13155

N 00°25'12" W 2635.47' (M)

N 00°53'51" W 2621.38' (M)

**SURFACE LOCATION**  
NAD 83  
STPC (CO NORTH)  
N: 1,312,646'  
E: 3,200,188'  
Lat: 40.189389°N  
(40° 11' 21.801"N)  
Lon: 104.783436°W  
(104° 47' 00.370"W)

**BOTTOM HOLE**  
NAD 83  
STPC (CO NORTH)  
N: 1,317,225'  
E: 3,200,364'  
Lat: 40.201956°N  
(40° 12' 07.042"N)  
Lon: 104.782674°W  
(104° 46' 57.627"W)

E. 1/4 COR.  
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W. 1/4 COR.  
SEC. 28, T3N, R66W,  
FOUND 3 1/4" ALUM. CAP  
LS 13155

N 02°11'57" E 4583' GRID  
N 02°39'44" E TRUE  
N 06°34'03" W MAGNETIC

28

N 00°25'20" W 2635.59' (M)

N 00°53'19" W 2666.70' (M)

**NILES 28N-28HZ**  
UNGRADED ELEV= 4959.3'  
SURFACE LOCATION

2281'

248'

S. 1/4 COR.  
SEC. 28, T3N, R66W,  
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LS 13155

SW. COR.  
SEC. 28, T3N, R66W,  
FOUND 3 1/4" ALUM. CAP  
LS 13155

S 89°12'23" W 2596.08' (M)

S 88°56'49" W 2651.08' (M)

SE. COR.  
SEC. 28, 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 = 2.2
- SURFACE USE OF LOCATION IS CULTIVATED 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 N 02°11'57" E 4583' FROM THE SURFACE LOCATION.

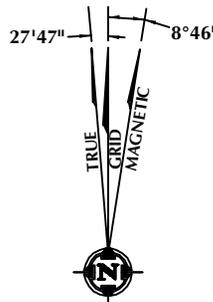
### CERTIFICATE OF SURVEYOR:

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.

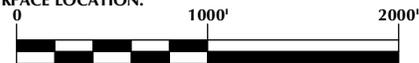
*Benjamin J. Reenders*  
PROFESSIONAL LAND SURVEYOR  
38305

BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 14363

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 3/16/2012.  
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.



SCALE: 1" = 1000'

## WELL PAD - NILES 2 PAD SESW

NILES 28N-28HZ  
WELL LOCATION CERTIFICATE  
248' FSL & 2281' FWL, SESW (SURFACE)  
460' FNL & 2491' FWL, NENW (BOTTOM)  
LOCATED IN SECTION 28, T3N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

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



### CONSULTING, LLC

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DRAFTED BY: APF

CHECKED BY: BJR

DATE DRAFTED: 9/2/11

DATE SURVEYED: 3/15/12

REVISED: 3/16/12

FILE NAME: 11-61