

T1N, R67W

MATCH LINE  
SEE SHEET 2

WELL BORE CONTINUES  
INTO SECTION 15

NW. COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

N. 1/4 COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

NE. COR.  
SEC. 22, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

WAGNER 1N-W10HZ  
SURFACE LOCATION

N 00°40'43" W  
2637.61' (C)

1767'  
1609'  
761'  
648'

HEEL  
LOCATION

22

W. 1/4 COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 6973

S 89°22'57" W  
2643.88' (C)

S 89°22'57" W  
2651.65' (C)

E. 1/4 COR.  
SEC. 22, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

N 01°05'14" W 2638.62' (M)

N 00°45'14" W 2628.97' (M)

N 00°40'43" W  
2632.95' (C)

N 00°26'14" W 2636.81' (M)

N 00°26'40" W 2637.08' (M)

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4968.2'  
LATITUDE= 40.039414°  
LONGITUDE= -104.869994°  
LATITUDE= 40°02'21.891"  
LONGITUDE= -104°52'11.979"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.038981°  
LONGITUDE= -104.869591°  
LATITUDE= 40°02'20.331"  
LONGITUDE= -104°52'10.529"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.060476°  
LONGITUDE= -104.869681°  
LATITUDE= 40°03'37.713"  
LONGITUDE= -104°52'10.853"

SW. COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

S 89°28'08" W 2640.44' (M)

S. 1/4 COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13258

S 89°28'19" W 2640.86' (M)

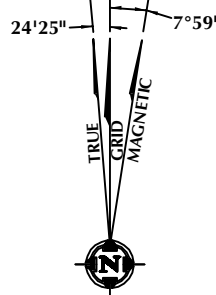
SE. COR.  
SEC. 22, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

#### CERTIFICATE OF SURVEYOR:

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*John R. Slaugh*  
JOHN R. SLAUGH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38230  
2/8/16

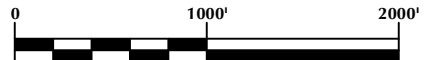
NOTICE:  
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NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 1/22/2016.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

#### NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID12B)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972937
- OPERATOR: ROB WILSON / PDOP = 1.3
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N00°35'30"W 7830' FROM THE HEEL LOCATION.



SCALE: 1" = 1000'

#### WELL PAD - WAGNER 1N-W10HZ

WAGNER 1N-W10HZ  
WELL LOCATION CERTIFICATE  
1609' FNL & 761' FEL SENE (SURFACE)  
1767' FNL & 648' FEL SENE (HEEL)  
LOCATED IN SECTION 22  
800' FSL & 652' FEL SESE (BOTTOM)  
LOCATED IN SECTION 10  
T1N, R67W, 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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Sheridan, Wyoming 82801  
Phone 307-674-0609

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Loveland, Colorado 80538  
Phone 970-776-4331

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DATE DRAFTED:	2/8/16	DATE SURVEYED:	9/14/15	1
REVISED:		FILE NAME:	15-60	1 OF 3

# T1N, R67W

WELL BORE CONTINUES

INTO SECTION 10

S 89°33'59" W 2655.57' (M)

NE. COR.  
SEC. 15, T1N, R67W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

N 00°36'18" W  
1315.47' (M)

N. 1/16 COR.  
SEC. 15 & SEC. 14  
T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°36'34" W  
1315.21' (M)

E. 1/4 COR.  
SEC. 15, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°36'31" W  
1315.23' (M)

S. 1/16 COR.  
SEC. 15 & SEC. 14  
T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°36'03" W  
1315.31' (M)

SE. COR.  
SEC. 15, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

S 89°28'07" W  
2659.22' (C)

15

S 89°28'07" W  
2659.74' (C)

N 00°31'40" W  
2635.20' (C)

N 00°31'40" W  
2633.72' (C)

N 00°35'30" W 7830' GRID  
N 00°11'05" W TRUE  
N 08°34'30" W MAGNETIC

**SURFACE LOCATION: NAD 83**  
GROUND ELEVATION= 4968.2'  
LATITUDE= 40.039414°  
LONGITUDE= -104.869994°  
LATITUDE= 40°02'21.891"  
LONGITUDE= -104°52'11.979"  
**HEEL LOCATION: NAD 83**  
LATITUDE= 40.038981°  
LONGITUDE= -104.869591°  
LATITUDE= 40°02'20.331"  
LONGITUDE= -104°52'10.529"  
**BOTTOM HOLE LOCATION: NAD 83**  
LATITUDE= 40.060476°  
LONGITUDE= -104.869681°  
LATITUDE= 40°03'37.713"  
LONGITUDE= -104°52'10.853"

S. 1/4 COR.  
SEC. 15, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

S 89°24'09" W 2662.70' (M)

S 89°24'00" W 2662.76' (M)

MATCH LINE  
SEE SHEET 3

NW. COR.  
SEC. 15, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

W. 1/4 COR.  
SEC. 15, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
ILLEGIBLE

SW. COR.  
SEC. 15, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

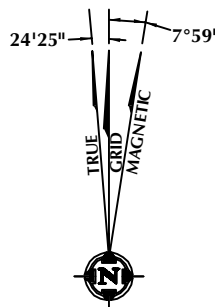
MATCH LINE  
SEE SHEET 1

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SCALE: 1" = 1000'

## WELL PAD - WAGNER 1N-W10HZ

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1609' FNL & 761' FEL SENE (SURFACE)  
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# T1N, R67W

NW. COR.  
SEC. 10, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 38285

S 89°33'37" W  
1322.65' (M)

S 89°33'29" W  
1322.75' (M)

S 89°33'38" W 2645.71' (M)

NE. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

W. 1/16 COR.  
SEC. 10 & SEC. 3  
T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

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LONGITUDE= -104°52'10.853"

W. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 38285

CENTER W. 1/16 COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

CENTER COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

10

E. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

S 89°32'55" W  
1325.45' (M)

S 89°33'52" W  
1325.23' (M)

S 89°33'33" W  
2650.90' (M)

N 00°19'39" W 2642.78' (M)  
N 00°20'23" W 2642.97' (M)

N 00°26'32" W 2642.65' (M)  
N 00°27'08" W 2642.31' (M)

N 00°33'17" W 2642.59' (M)  
N 00°33'13" W 2642.65' (M)

SW. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

S. 1/4 COR.  
SEC. 10, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 30462

SE. COR.  
SEC. 10, T1N, R67W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

S 89°32'32" W 2655.87' (M)

S 89°33'59" W 2655.57' (M)

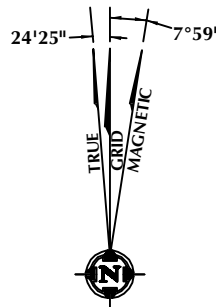
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