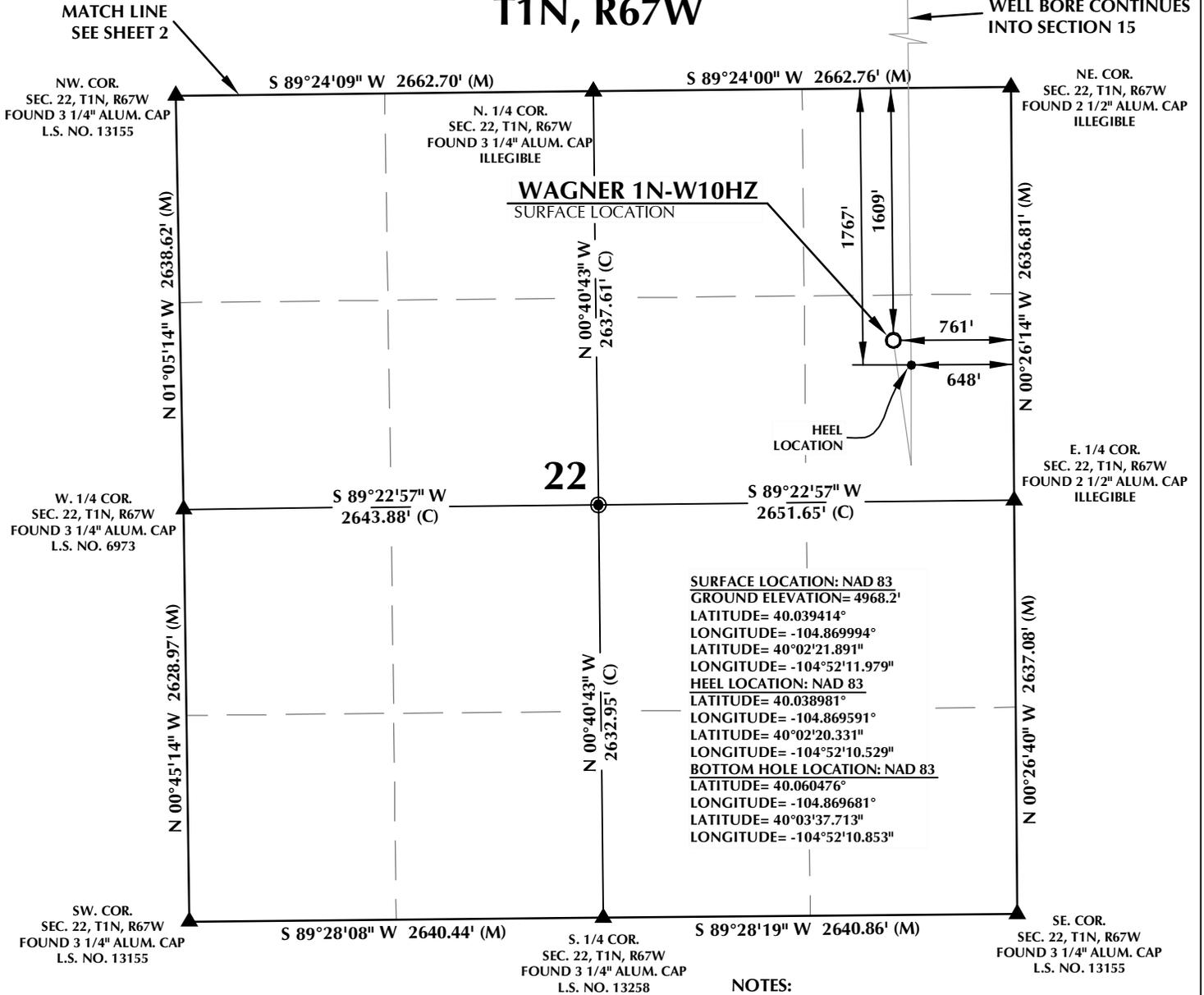


T1N, R67W

WELL BORE CONTINUES INTO SECTION 15

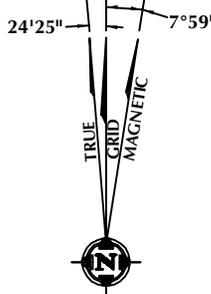


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John R. Slaugh
 JOHN R. SLAUGH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38230
 2/8/16

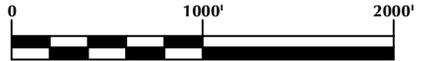
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NOTE:
 MAGNETIC NORTH IS CURRENT AS OF 1/22/2016.
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

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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DRAFTED BY: LMO	CHECKED BY: JRS	SHEET NO: 1
DATE DRAFTED: 2/8/16	DATE SURVEYED: 9/14/15	
REVISED:	FILE NAME: 15-60	1 OF 3

T1N, R67W

WELL BORE CONTINUES

INTO SECTION 10

S 89°33'59" W 2655.57' (M)

MATCH LINE
SEE SHEET 3

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

S 89°32'32" W 2655.87' (M)

N. 1/4 COR.
SEC. 15, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 30462

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

N 00°26'37" W 2638.63' (M)

N 00°31'40" W
2635.20' (C)

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

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

S 89°28'07" W
2659.74' (C)

15

S 89°28'07" W
2659.22' (C)

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"

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

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)

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

S 89°24'09" W 2662.70' (M)

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

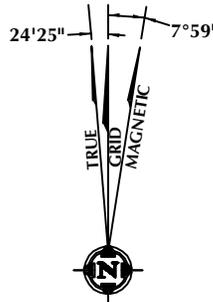
S 89°24'00" W 2662.76' (M)

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

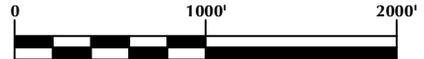
MATCH LINE
SEE SHEET 1

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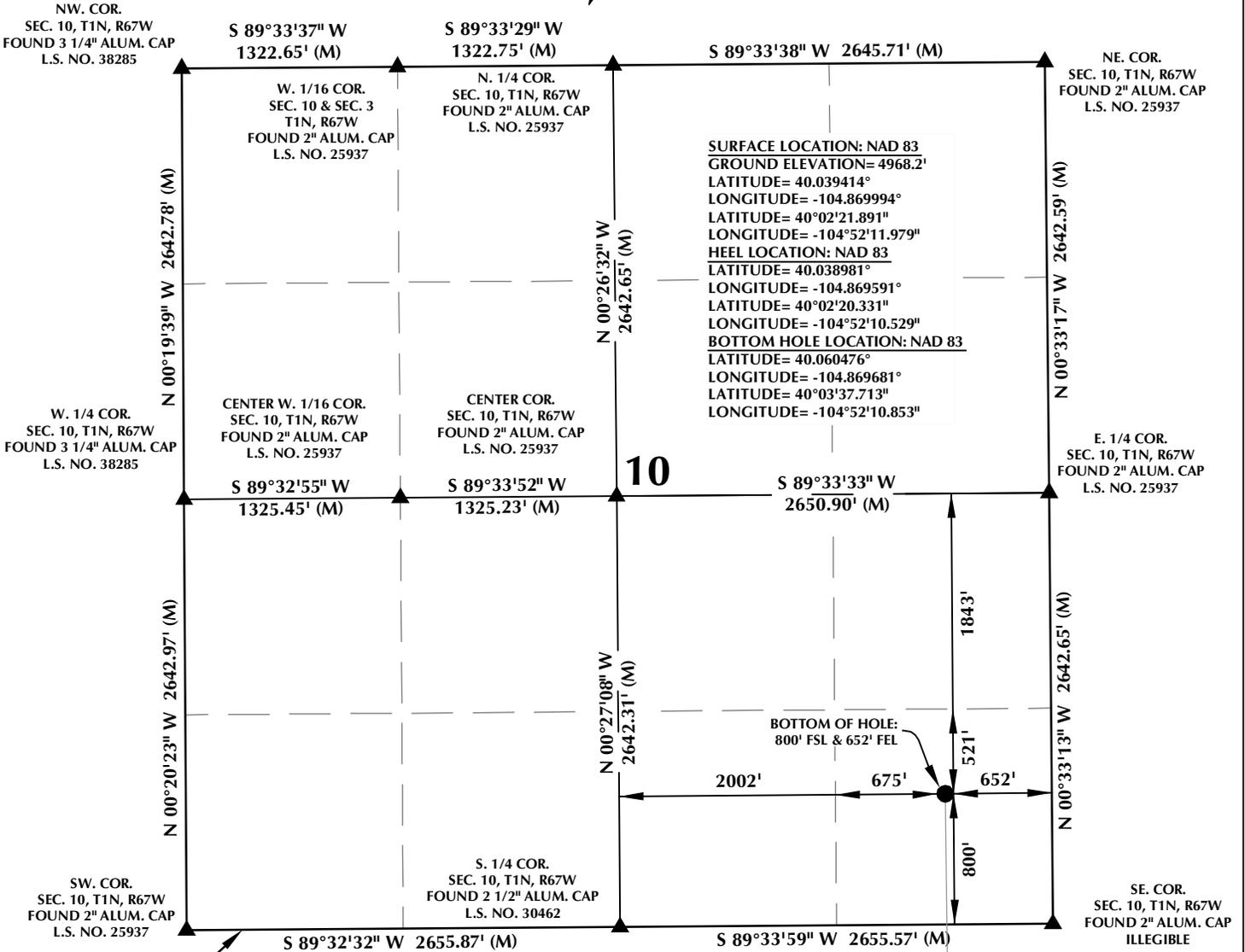
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REVISED:		FILE NAME:	15-60	2 OF 3

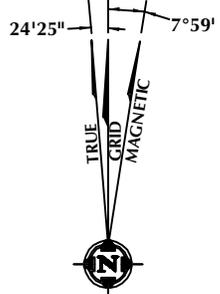
T1N, R67W



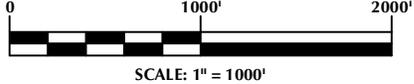
MATCH LINE
SEE SHEET 2

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