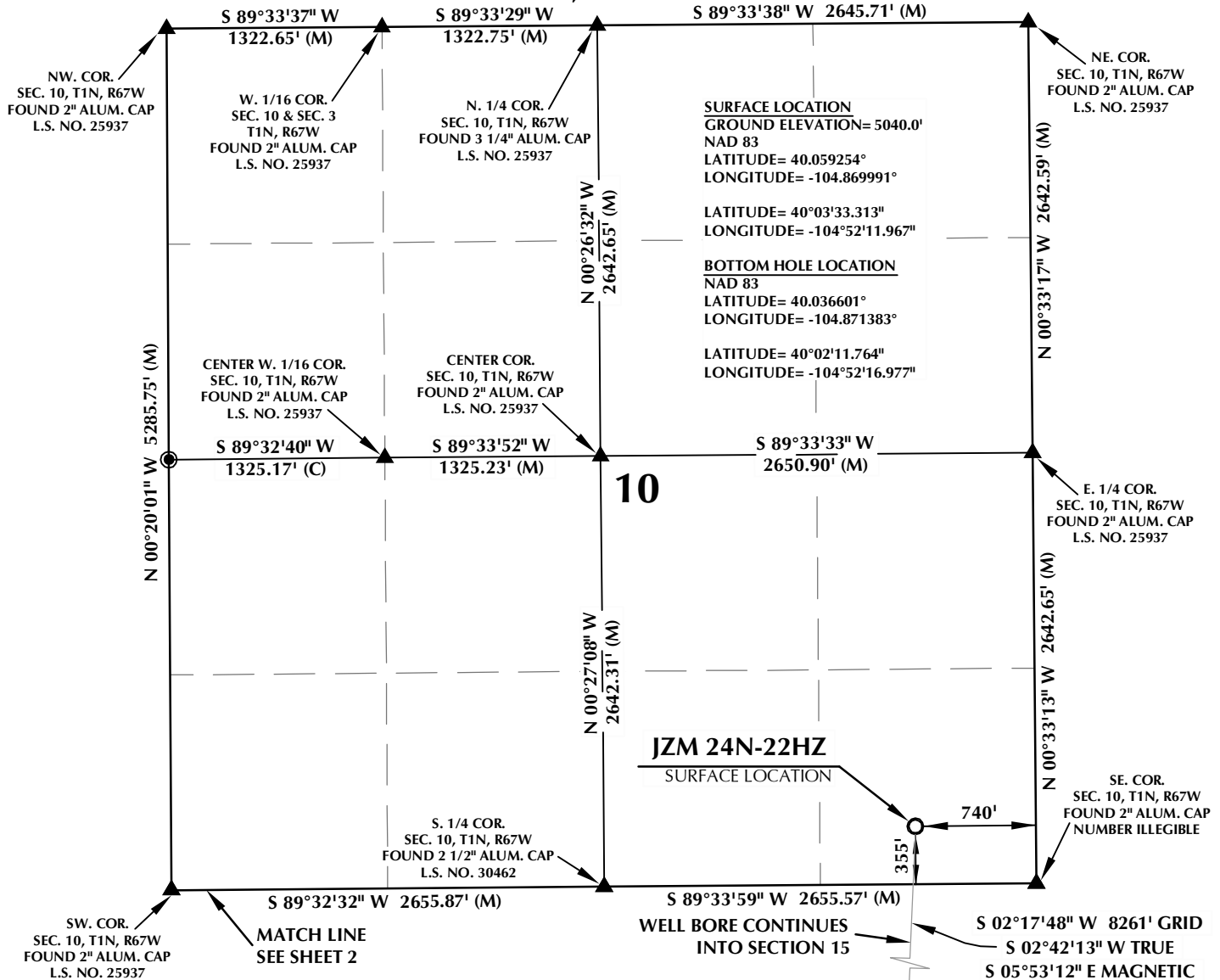


T1N, R67W



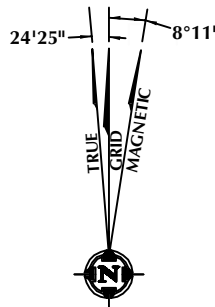
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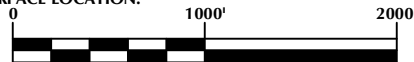
Benjamin J. Reenders
PROFESSIONAL LAND SURVEYOR
38305

BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 18330

NOTICE:
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NOTE:
MAGNETIC NORTH IS CURRENT AS OF 10/25/2013.
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.



SCALE: 1" = 1000'

WELL PAD - JZM 1N-3HZ

JZM 24N-22HZ
WELL LOCATION CERTIFICATE
355' FSL & 740' FEL SESE (SURFACE)
LOCATED IN SECTION 10
2632' FNL & 1150' FEL SENE (BOTTOM)
LOCATED IN SECTION 22
T1N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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

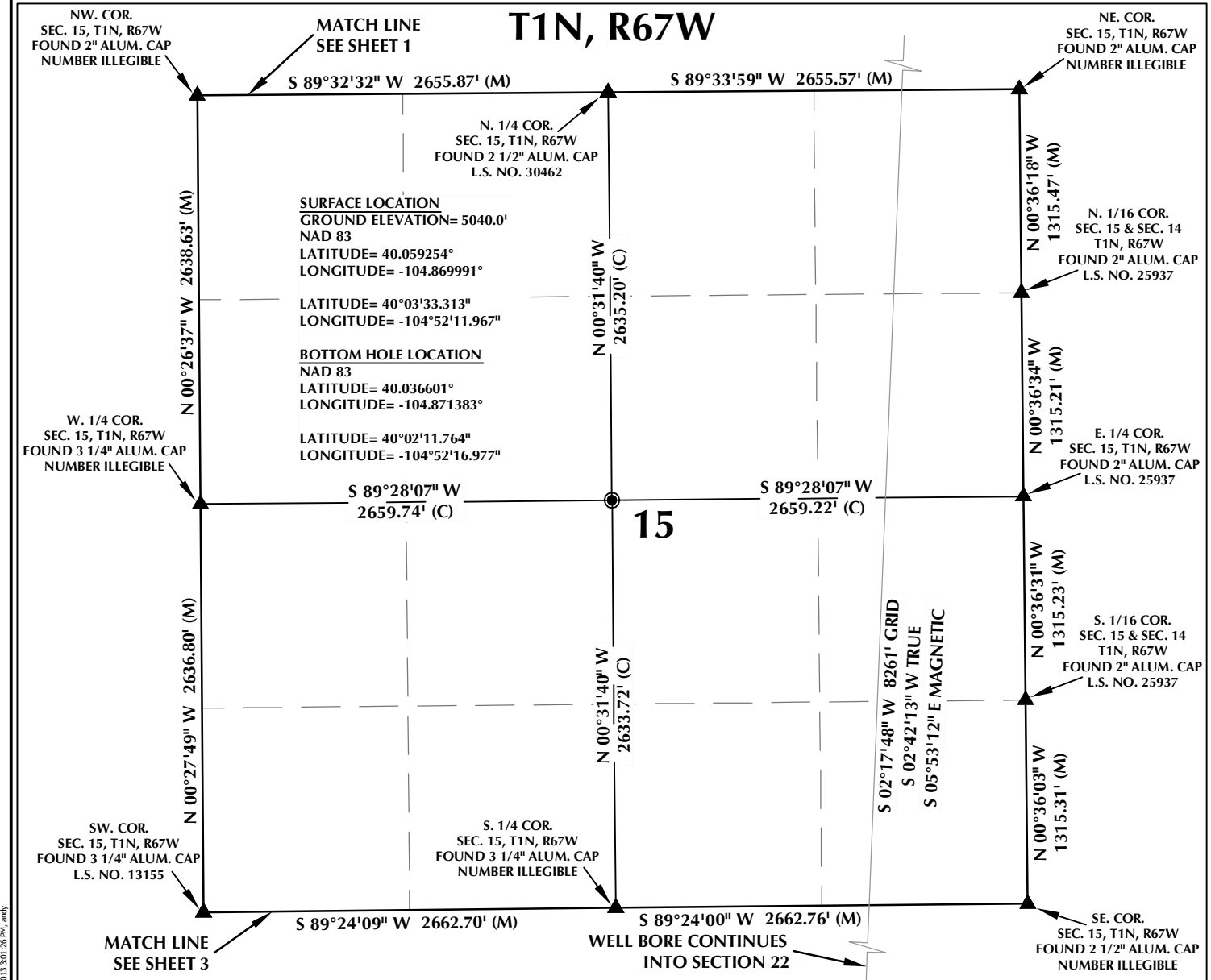


CONSULTING, LLC

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Sheridan, Wyoming 82801
Phone 307-674-0609

LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

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DATE DRAFTED: 10/25/13	DATE SURVEYED: 9/20/13	
REVISED:	FILE NAME: 13-39	



T1N, R67W

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

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

MATCH LINE
SEE SHEET 1

S 89°32'32" W 2655.87' (M)

S 89°33'59" W 2655.57' (M)

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

SURFACE LOCATION
GROUND ELEVATION= 5040.0'
NAD 83
LATITUDE= 40.059254°
LONGITUDE= -104.869991°

LATITUDE= 40°03'33.313"
LONGITUDE= -104°52'11.967"

BOTTOM HOLE LOCATION
NAD 83
LATITUDE= 40.036601°
LONGITUDE= -104.871383°

LATITUDE= 40°02'11.764"
LONGITUDE= -104°52'16.977"

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

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

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

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

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

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

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

MATCH LINE
SEE SHEET 3

WELL BORE CONTINUES
INTO SECTION 22

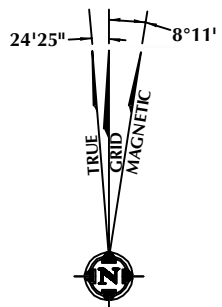
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Benjamin J. Reenders
PROFESSIONAL LAND SURVEYOR
10/25/13

BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 48326

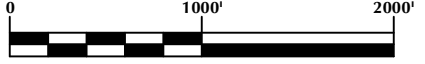
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NOTE:
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NOTES:

- ▲ 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: .99972303
- OPERATOR: ROB WILSON / PDOP = 1.4
- SURFACE USE OF LOCATION IS DRY LAND CROP.
- 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 S02°17'48"W 8261' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

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JZM 24N-22HZ
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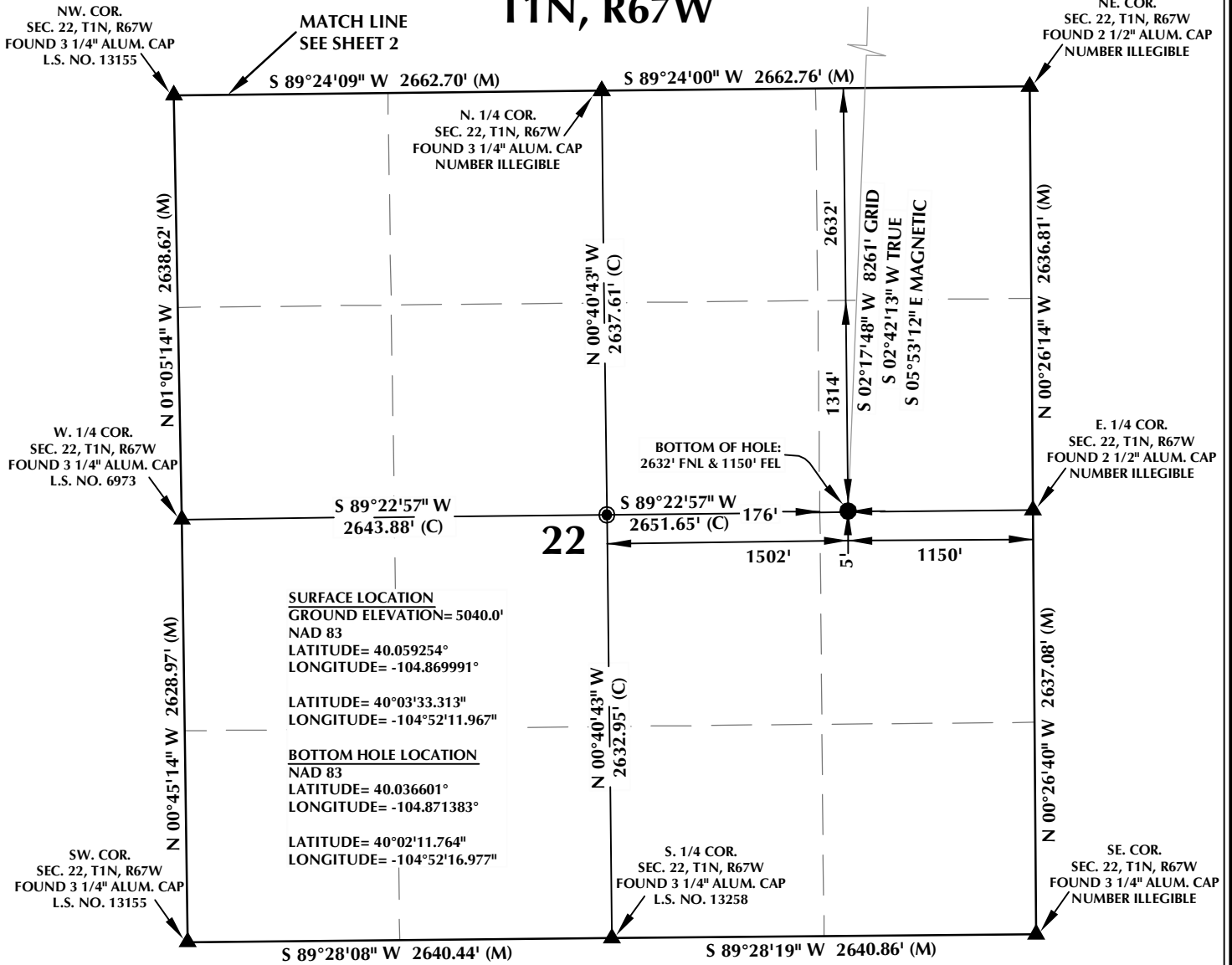
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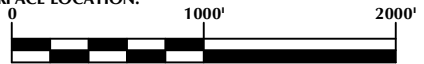
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T1N, R67W



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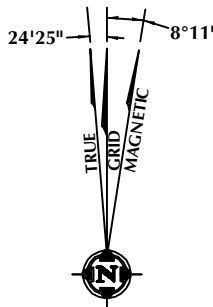
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Benjamin J. Reenders
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10/25/13

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