

T1N, R67W

MATCH LINE
SEE SHEET 2

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

WELL BORE CONTINUES
INTO SECTION 15

S 89°24'09" W 2662.70' (M)

S 89°24'00" W 2662.76' (M)

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

N. 1/4 COR.
SEC. 22, T1N, R67W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 28656

1750'
2120'
106'
795'

MARRS STATE
30N-10HZX
SURFACE 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 00°45'14" W 2628.97' (M)

N 00°40'43" W
2632.95' (C)

N 00°26'40" W 2637.08' (M)

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4990.0'
LATITUDE= 40.037976°
LONGITUDE= -104.883370°
LATITUDE= 40°02'16.712"
LONGITUDE= -104°53'00.132"
HEEL LOCATION: NAD 83
LATITUDE= 40.038985°
LONGITUDE= -104.885847°
LATITUDE= 40°02'20.345"
LONGITUDE= -104°53'09.051"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.060466°
LONGITUDE= -104.885810°
LATITUDE= 40°03'37.678"
LONGITUDE= -104°53'08.916"

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

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

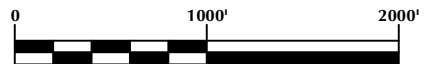
S 89°28'08" W 2640.44' (M)

S 89°28'19" W 2640.86' (M)

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

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: .99972813 CALCULATED AT THE W. 1/4 COR. OF SECTION 22
- 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°19'13"W, 7825' FROM THE HEEL LOCATION.



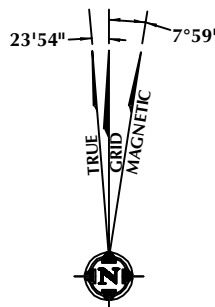
SCALE: 1" = 1000'

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.R.S. 38-51-302 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

John R. Slaugh
JOHN R. SLAUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

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.

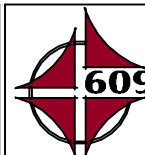


NOTE:
MAGNETIC NORTH IS CURRENT AS OF 3/3/2016.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

WELL PAD - MARRS STATE 40N-22HZ

MARRS STATE 30N-10HZX
WELL LOCATION CERTIFICATE
2120' FNL & 795' FWL SWNW (SURFACE)
1750' FNL & 106' FWL SWNW (HEEL)
LOCATED IN SECTION 22
800' FSL & 142' FWL SWSW (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



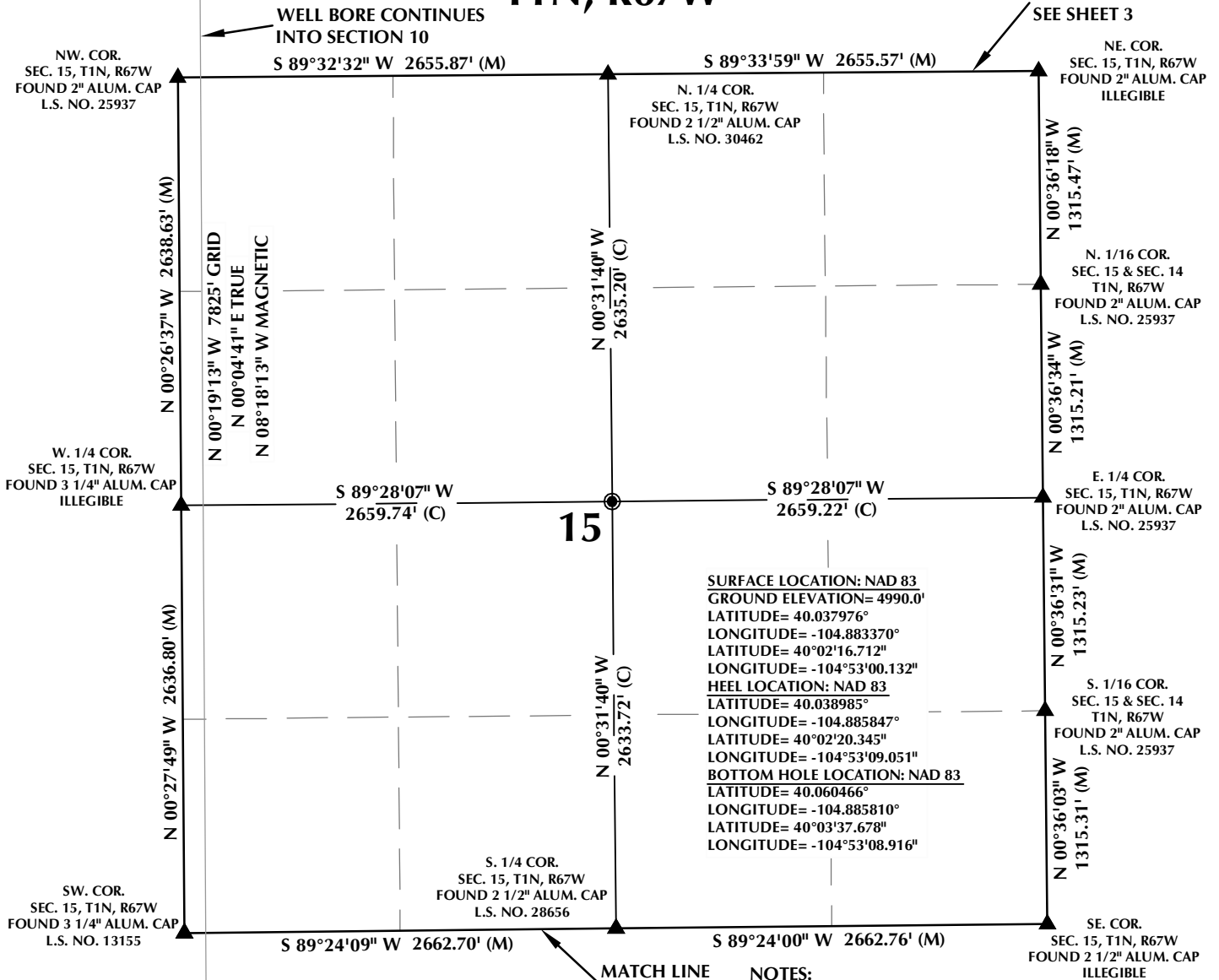
CONSULTING, LLC

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1095 Saberton Avenue
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LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

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DATE DRAFTED:	3/21/16	DATE SURVEYED:	1/19/16	1
REVISED:		FILE NAME:	15-73	1 OF 3

T1N, R67W



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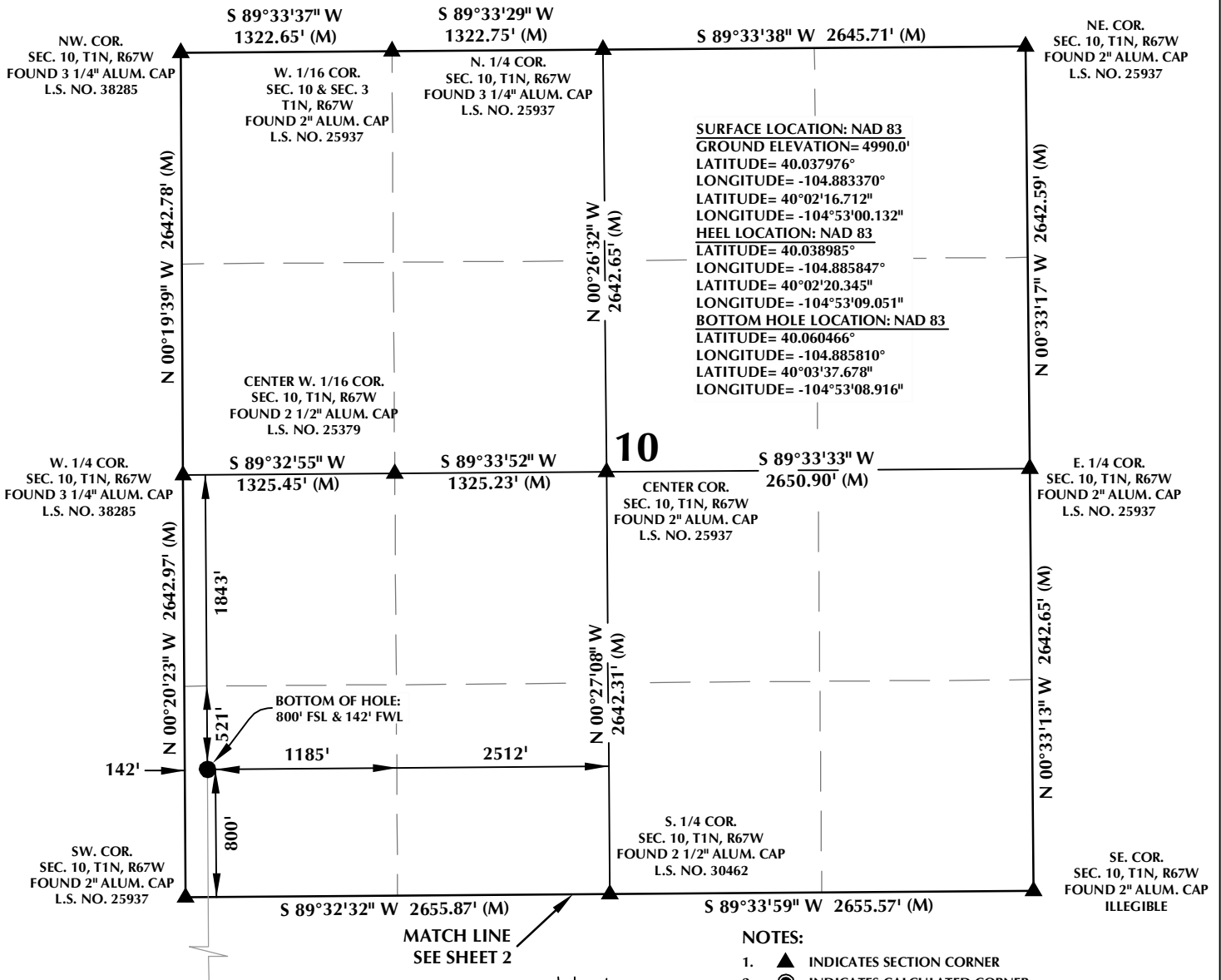
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