



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000

April 11, 2016

Matt Lepore
Director, Colorado Oil and Gas Conservation Commission
Department of Natural Resources
The Chancery Building
1120 Lincoln Street, Suite 801
Denver, CO 80203

Re: **30 Day Certification Letter - 318A.e**
WAGNER 1N-E10HZ (Doc No. 401018494)
Township 1 North, Range 67 West
Section 22: SENE
Unit Acreage: 560 acres
Unit Spacing: 1N-67W Sec. 10: SESE;
1N-67W Sec. 11: SWSW
1N-67W Sec. 14: W2W2
1N-67W Sec. 15: E2E2
1N-67W Sec. 22: E2NE
1N-67W Sec. 23: W2NW
Weld County, Colorado

Dear Director Lepore:

Kerr McGee Oil and Gas Onshore LP ("KMG") hereby certifies that KMG owns one hundred percent (100%) of the leasehold interest in the mineral rights in the proposed spacing unit. KMG hereby respectfully requests approval of this boundary well.

If you have any questions or issues regarding this permit, please contact our office.

Sincerely,

Kerr-McGee Oil & Gas Onshore LP

A handwritten signature in black ink, appearing to read 'Kayla Hesseltine', with a stylized flourish at the end.

Kayla Hesseltine
Regulatory Specialist

T1N, R67W

WELL BORE CONTINUES
INTO SECTION 15

MATCH LINE
SEE SHEET 2

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

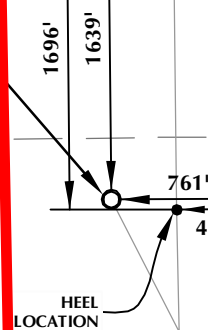
S 89°24'09" W 2662.70' (M)

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-E10HZ
SURFACE LOCATION

N 00°40'43" W
2637.61' (C)



N 00°26'14" W 2636.81' (M)

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

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)

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4967.5'
LATITUDE= 40.039332°
LONGITUDE= -104.869995°
LATITUDE= 40°02'21.594"
LONGITUDE= -104°52'11.981"
HEEL LOCATION: NAD 83
LATITUDE= 40.039178°
LONGITUDE= -104.868777°
LATITUDE= 40°02'21.040"
LONGITUDE= -104°52'07.598"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.060311°
LONGITUDE= -104.868903°
LATITUDE= 40°03'37.120"
LONGITUDE= -104°52'08.051"

N 00°26'40" W 2637.08' (M)

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)

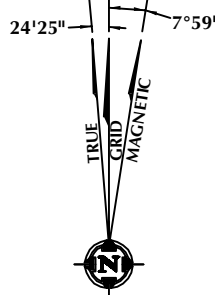
SE. COR.
SEC. 22, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

CERTIFICATE OF SURVEYOR:

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. Slough
JOHN R. SLOUGH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38230

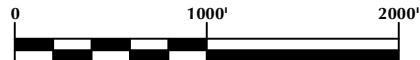
NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 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 = 1.2
- 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°40'12"W 7698' FROM THE HEEL LOCATION.

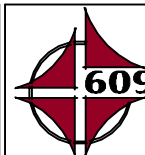


SCALE: 1" = 1000'

WELL PAD - WAGNER 1N-W10HZ

WAGNER 1N-E10HZ
WELL LOCATION CERTIFICATE
1639' FNL & 761' FEL SENE (SURFACE)
1696' FNL & 420' FEL SENE (HEEL)
LOCATED IN SECTION 22
740' FSL & 434' 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

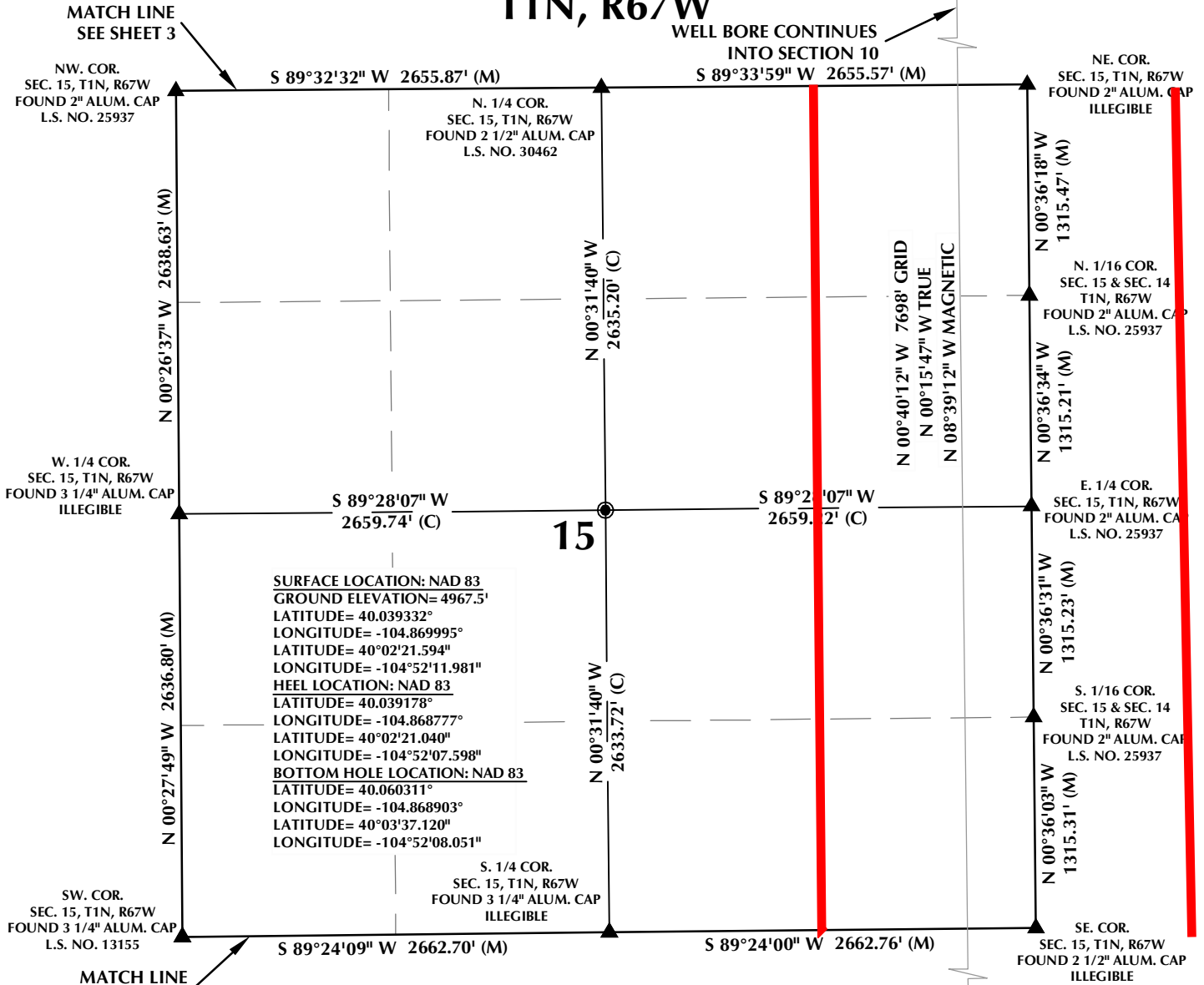
SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

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

DRAFTED BY:	LMO	CHECKED BY:	JRS	SHEET NO:
DATE DRAFTED:	2/8/16	DATE SURVEYED:	9/14/15	1
REVISED:	3/30/16	FILE NAME:	15-60	1 OF 3

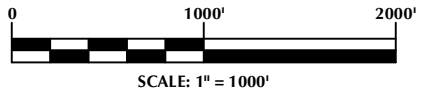
T1N, R67W

WELL BORE CONTINUES
INTO SECTION 10



NOTES:

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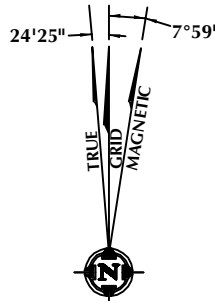


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John R. Slaugh
 JOHN R. SLAUGH
 PROFESSIONAL LAND SURVEYOR
 COLORADO REGISTRATION NUMBER 38230

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WELL PAD - WAGNER 1N-W10HZ

WAGNER 1N-E10HZ
 WELL LOCATION CERTIFICATE
 1639' FNL & 761' FEL SENE (SURFACE)
 1696' FNL & 420' FEL SENE (HEEL)
 LOCATED IN SECTION 22
 740' FSL & 434' FEL SESE (BOTTOM)
 LOCATED IN SECTION 10
 T1N, R67W, 6TH P.M.
 WELD COUNTY, COLORADO

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 Gas Onshore L.P.**
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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

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4967.5'
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LONGITUDE= -104.869995°
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W. 1/4 COR.
SEC. 10, T1N, R67W
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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)

MATCH LINE
SEE SHEET 2

BOTTOM OF HOLE:
740' FSL & 434' FEL

2220'

893'

1903'

581'

434'

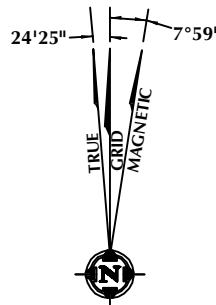
740'

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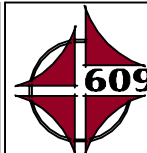


SCALE: 1" = 1000'

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