



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

April 21, 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**  
MARRS 28N-10HZ (Doc# 401026681)  
Township 1 North, Range 67 West  
Section 22: SENW  
Unit Acreage: 560 acres  
Unit Spacing: SEC 10: SESW, SWSE  
SEC 15: E2W2, W2E2  
SEC 22: E2NW, W2NE  
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.

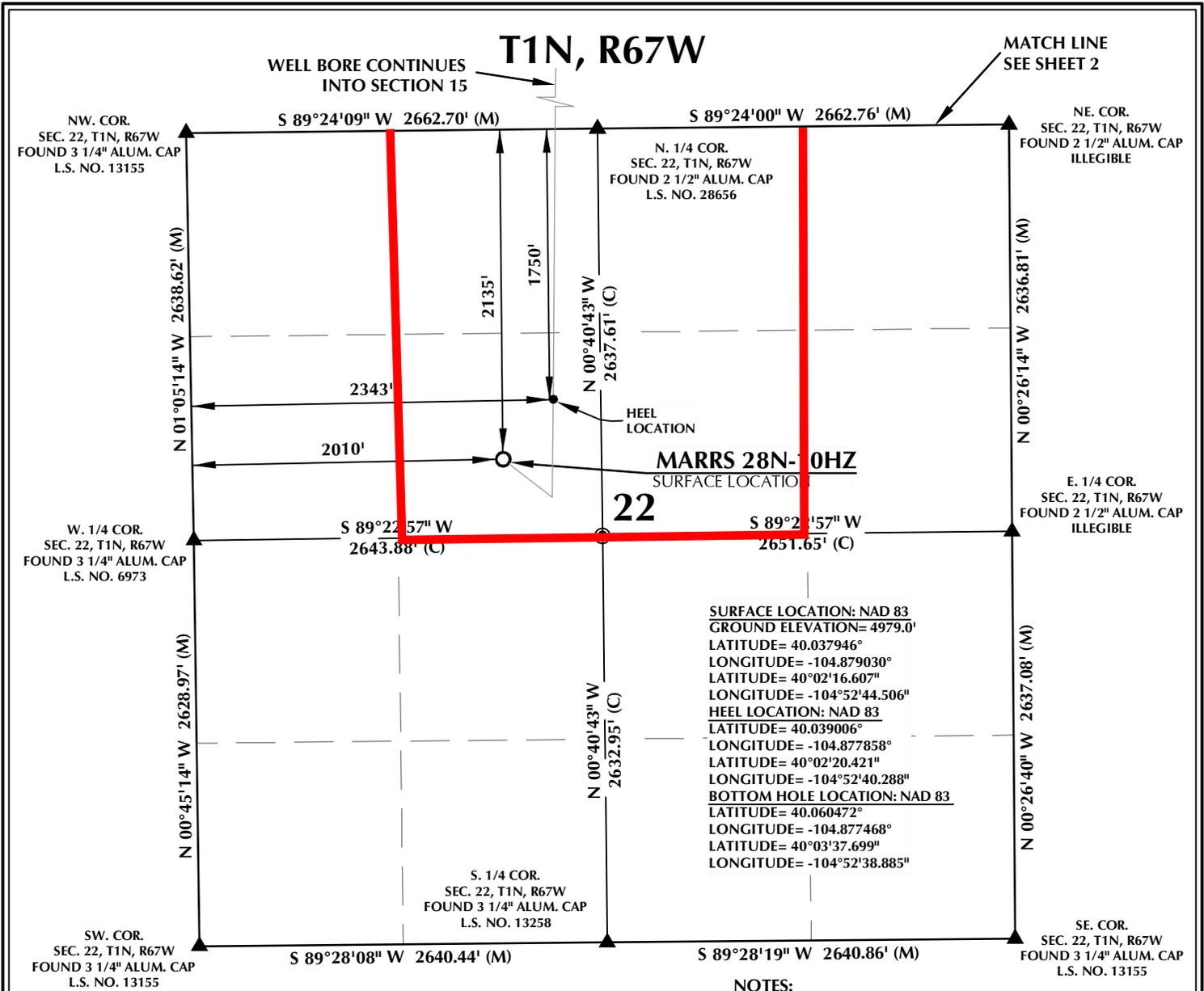
Sincerely,

**Kerr-McGee Oil & Gas Onshore LP**

A handwritten signature in black ink, appearing to read 'Kayla Hesseltine'.

**Kayla Hesseltine**  
Regulatory Specialist

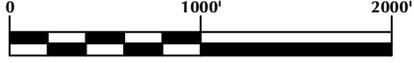
PROPOSED SPACING UNIT



SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4979.0'  
LATITUDE= 40.037946°  
LONGITUDE= -104.879030°  
HEEL LOCATION: NAD 83  
LATITUDE= 40.039006°  
LONGITUDE= -104.877858°  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.060472°  
LONGITUDE= -104.877468°

**NOTES:**

1. ▲ INDICATES SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID12B)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972813 CALCULATED AT THE W. 1/4 COR. OF SECTION 22
6. OPERATOR: ROB WILSON / PDOP = 1.3
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS N00°23'50"E, 7820' FROM THE HEEL LOCATION.

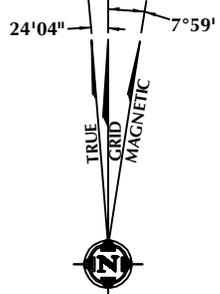


**CERTIFICATE OF SURVEYOR:**

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

JOHN R. SLAUGH

PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38230



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

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.

WELL PAD - MARRS 28C-10HZ

MARRS 28N-10HZ  
WELL LOCATION CERTIFICATE  
2135' FNL & 2010' FWL SENW (SURFACE)  
1750' FNL & 2343' FWL SENW (HEEL)  
LOCATED IN SECTION 22  
800' FSL & 2477' FWL SESW (BOTTOM)  
LOCATED IN SECTION 10  
T1N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

Kerr-McGee Oil &  
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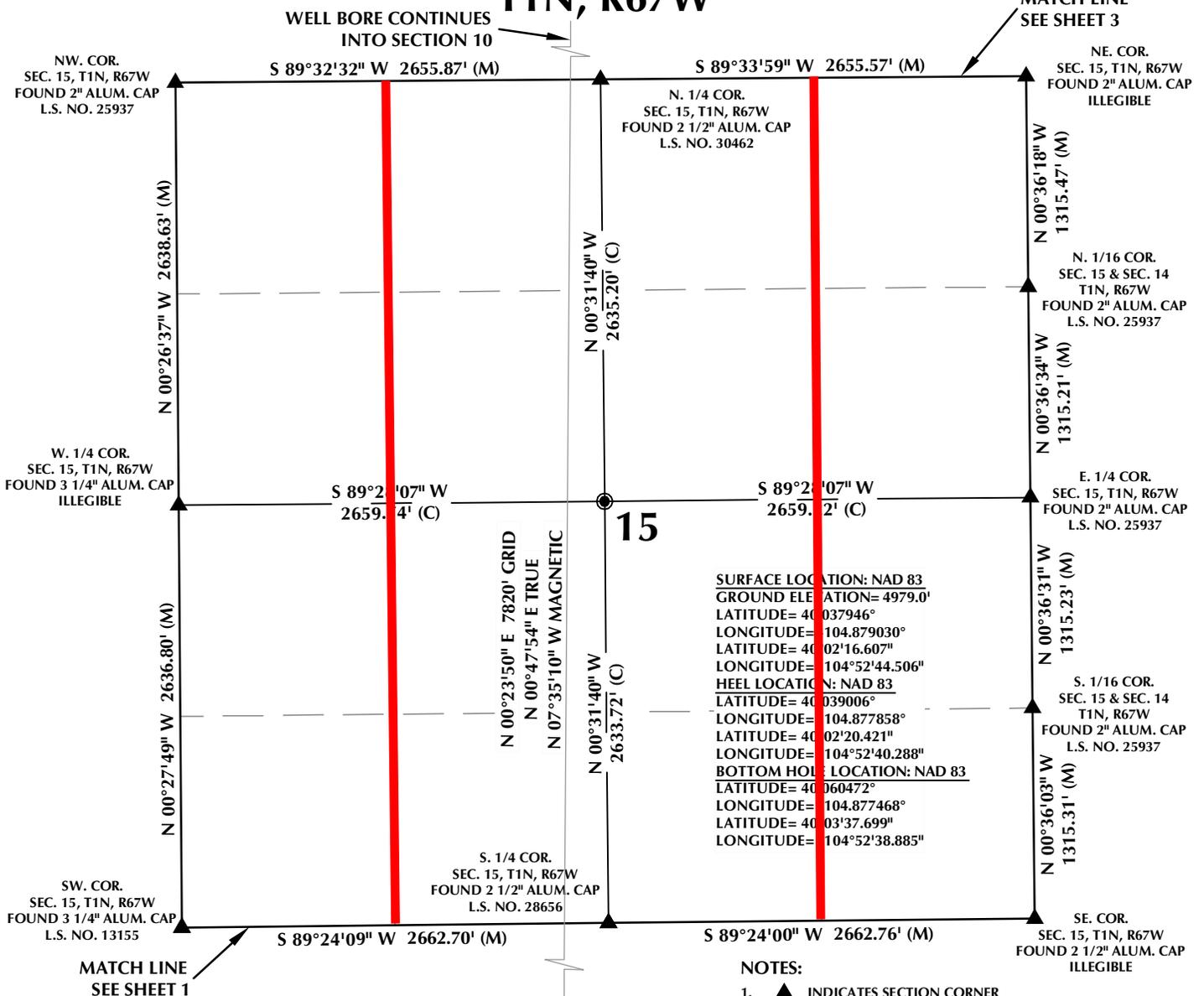
CONSULTING, LLC

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

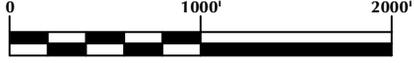
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# T1N, R67W



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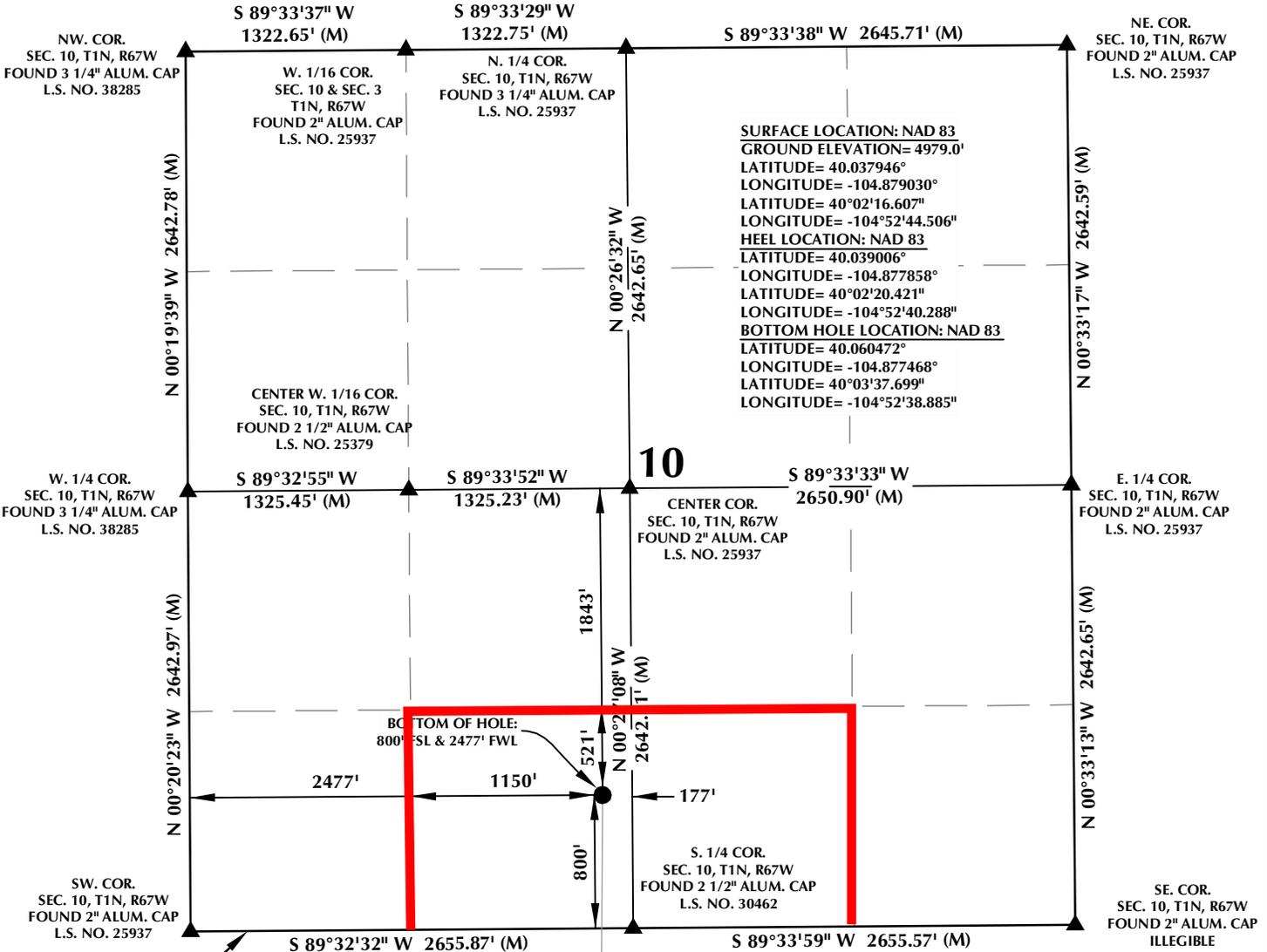
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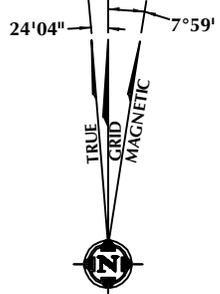
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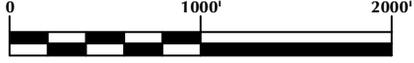


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