



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

August 30, 2015

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**  
LAND FED 30C-29HZ (Doc No. 400854580)  
Township 2 North, Range 66 West  
Section 32: NWNW  
Unit Acreage: 480 acres  
Unit Spacing: 02N 66W SEC 19 SESE  
02N 66W SEC 20 SWSW  
02N 66W SEC 29 W2W2  
02N 66W SEC 30 E2E2  
02N 66W SEC 31 NENE  
02N 66W SEC 32 NWNW  
Weld County, Colorado

Dear Director Lepore:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies that a thirty (30) day notice has been given by certified mail to all mineral owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. 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 and Gas Onshore LP**

A handwritten signature in blue ink that reads 'R Powers'.

Ronett Powers  
Regulatory Analyst II

Enclosure

**T2N, R66W**E. 1/16 COR.  
SEC. 29 & 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 30462MATCH LINE  
SEE SHEET 1BWELL BORE CONTINUES  
INTO SECTION 29

S 89°30'59" W 2642.26' (C)

S 89°43'45" W  
1325.84' (C)S 89°44'02" W  
1326.23' (M)NE COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 25369

**SURFACE LOCATION: NAD 83**  
 GROUND ELEVATION= 4897.5'  
 LATITUDE= 40.099029°  
 LONGITUDE= -104.805842°  
 LATITUDE= 40°05'56.503"  
 LONGITUDE= -104°48'21.031"  
**HEEL LOCATION: NAD 83**  
 LATITUDE= 40.102016°  
 LONGITUDE= -104.809826°  
 LATITUDE= 40°06'07.257"  
 LONGITUDE= -104°48'35.374"  
**BOTTOM HOLE LOCATION: NAD 83**  
 LATITUDE= 40.116344°  
 LONGITUDE= -104.810324°  
 LATITUDE= 40°06'58.838"  
 LONGITUDE= -104°48'37.166"

CENTER N. 1/16 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937**LAND FED 30C-29HZ**  
SURFACE LOCATIONNW COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
WITNESS COR. 120' WEST  
OF CORNER POSITION  
L.S. NO. 13155W. 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937CENTER COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 25937

**SURFACE LOCATION: NAD 27**  
 LATITUDE= 40.099045°  
 LONGITUDE= -104.805315°  
 LATITUDE= 40°05'56.563"  
 LONGITUDE= -104°48'19.133"  
**HEEL LOCATION: NAD 27**  
 LATITUDE= 40.102033°  
 LONGITUDE= -104.809299°  
 LATITUDE= 40°06'07.317"  
 LONGITUDE= -104°48'33.476"  
**BOTTOM HOLE LOCATION: NAD 27**  
 LATITUDE= 40.116361°  
 LONGITUDE= -104.809797°  
 LATITUDE= 40°06'58.898"  
 LONGITUDE= -104°48'35.268"

E 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLESW COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 17669S. 1/4 COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 14823SE COR.  
SEC. 32, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

S 89°35'29" W 2656.71' (M)

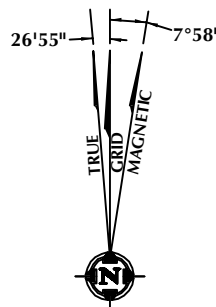
S 89°32'16" W 2643.78' (M)

**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. 38-513-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
 BENJAMIN J. REENDERS  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 14336  
 6/5/15

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 6/2/2015.  
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

**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: .99972835
- 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 N01°58'26"W 5221' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

**WELL PAD - LAND FED 13N-32HZ**

LAND FED 30C-29HZ  
 WELL LOCATION CERTIFICATE  
 1039' FNL & 1319' FWL NWNW (SURFACE)  
 LOCATED IN SECTION 32  
 50' FSL & 206' FWL SWSW (HEEL)  
 1' FNL & 78' FWL NWNW (BOTTOM)  
 LOCATED IN SECTION 29  
 T2N, R66W, 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:   | MDZ    | CHECKED BY:    | BJR     | SHEET NO: |
| DATE DRAFTED: | 6/5/15 | DATE SURVEYED: | 3/24/15 | <b>1A</b> |
| REVISED:      |        | FILE NAME:     | 13-113  | 1A OF 1   |



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*Benjamin J. Reenders*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48305  
6/5/15

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