



# 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 4, 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**  
HIGHLANDS 16C-16HZ (Doc No. 401072914)  
Township 1 North, Range 66 West  
Section 9: NE/4NE/4  
Unit Acreage: 560 acres  
Unit Spacing: 1N-66W-SEC 9: E/2E/2  
1N-66W-SEC 10: W/2W/2  
1N-66W-SEC 15: W/2NW/4; NW/4SW/4  
1N-66W-SEC 16: E/2NE/4; NE/4SE/4  
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 'Cheryl Light'.

Cheryl Light  
Senior Regulatory Analyst

Enclosure

T1N, R66W

NW. COR.  
SEC. 9, T1N, R66W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

S 89°14'02" W 2651.03' (M)

N. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

S 89°00'20" W  
1325.34' (M)

E. 1/16 COR.  
SEC. 4 & SEC. 9  
T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

S 88°59'19" W  
1325.59' (M)

NE. COR.  
SEC. 9, T1N, R66W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4998.0'  
LATITUDE= 40.071952°  
LONGITUDE= -104.776460°  
LATITUDE= 40°04'19.029"  
LONGITUDE= -104°46'35.255"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.069463°  
LONGITUDE= -104.774189°  
LATITUDE= 40°04'10.068"  
LONGITUDE= -104°46'27.080"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.051407°  
LONGITUDE= -104.774206°  
LATITUDE= 40°03'05.065"  
LONGITUDE= -104°46'27.142"

HIGHLANDS  
16C-16HZ  
SURFACE LOCATION

387'  
1037'  
1300'  
402'  
HEEL LOCATION

N 00°28'15" W  
1342.84' (M)

N. 1/16 COR.  
SEC. 9 & SEC. 10  
T1N, R66W  
SET 2 1/2" ALUM. CAP  
P.L.S. NO. 38512

N 00°28'13" W  
1341.61' (M)

CENTER 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 38046

S 89°35'15" W  
2641.94' (M)

S 89°35'39" W  
2644.5' (M)

W. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 2" ALUM. CAP  
L.S. NO. 25937

N 00°47'43" W  
1320.25' (M)

9

CS. 1/16 COR.  
SEC. 9, T1N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38046

S 89°03'21" W  
1318.84' (M)  
SW. 1/16 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
W.C. 25' NORTH  
L.S. NO. 30086

S 00°25'39" E 6577' GRID  
S 00°02'24" W TRUE  
S 08°21'39" E MAGNETIC

N 00°28'42" W  
1293.35' (M)

E. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 34995

N 00°28'42" W  
1293.35' (M)

SE. COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 30086

WELL BORE CONTINUES  
INTO SECTION 16

S 88°58'05" W 2638.21' (M)

S. 1/4 COR.  
SEC. 9, T1N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 30086

S 89°01'56" W 2633.46' (M)

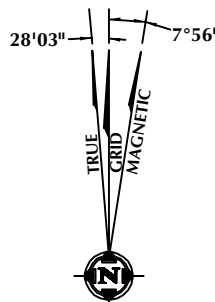
MATCH LINE  
SEE SHEET 2

# 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.

*Randall K. French*  
RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38512

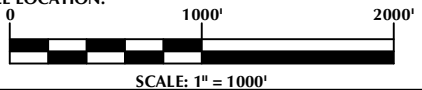
NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION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



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 6/12/2015.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

## NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972674 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 9, T1N, R66W
- 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 S00°25'39"E, 6577' FROM THE HEEL LOCATION.



## WELL PAD - HIGHLANDS 27C-33HZ

HIGHLANDS 16C-16HZ  
WELL LOCATION CERTIFICATE  
387' FNL & 1037' FEL NENE (SURFACE)  
1300' FNL & 402' FEL NENE (HEEL)  
LOCATED IN SECTION 9  
2606' FNL & 407' FEL SENE (BOTTOM)  
LOCATED IN SECTION 16  
T1N, 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

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

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	6/19/15	DATE SURVEYED:	3/13/15	1
REVISED:	6/23/16	FILE NAME:	14-116	1 OF 2

