



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

July 31, 2013

Department of Natural Resources
Oil and Gas Conservation Commission
The Chancery Building
1120 Lincoln St., Suite 801
Denver, CO 80203

Re: **30 Day Certification Letter - 318A-e**
Highway 160 15N-2HZ
Township 1 North, Range 66 West, Section 2: NW/4NE/4
Unit Spacing: 01N-66W-2 W2E2
01N-66W-11 NWNE
Weld County, Colorado

Ladies/Gentlemen:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies to the Director that a thirty (30) day notice has been given by certified mail to all 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 requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

Kerr-McGee Oil and Gas Onshore LP

A handwritten signature in blue ink, appearing to read 'Lauren Kucera', written over the printed name.

Lauren Kucera
Regulatory Analyst II

Enclosure

PROPOSED SPACING UNIT

T1N, R66W

NW. COR.
SEC. 2, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 19585

NE. COR.
SEC. 2, T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 19525

S 89°03'19" W 2643.21' (M)

S 89°03'25" W 2643.04' (M)

N. 1/4 COR.
SEC. 2, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 27269

HIGHWAY 160 15N-2HZ
UNGRADED ELEV = 5101.8'
SURFACE LOCATION

SURFACE LOCATION
NAD 83
STPC (CO NORTH)
N: 1,274,854'
E: 3,212,560'
LAT: 40.085367°N
(40° 05' 07.320"N)
LON: 104.740312°W
(104° 44' 25.123"W)

W. 1/4 COR.
SEC. 2, T1N, R66W
FOUND PLASTIC CAP
NUMBER ILLEGIBLE

CENTER COR.
SEC. 2, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 27269

CENTER E. 1/16 COR.
SEC. 2, T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 27269

E. 1/4 COR.
SEC. 2, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 27269

S 89°29'25" W
2623.78' (M)

S 89°29'20" W
1321.67' (M)

S 89°28'50" W
1320.75' (M)

BOTTOM HOLE
NAD 83
STPC (CO NORTH)
N: 1,270,405'
E: 3,212,176'
LAT: 40.073162°N
(40° 04' 23.381"N)
LON: 104.741821°W
(104° 44' 30.554"W)

CENTER S. 1/16 COR.
SEC. 2, T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 27269

SE. 1/16 COR.
SEC. 2, T1N, R66W
FOUND ALUM. CAP
L.S. NO. 25937

S. 1/16 COR.
SEC. 2 & SEC. 1
T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 27269

N 00°09'16" W 2605.19' (M)

2

W. 1/16 COR.
SEC. 2 & SEC. 11
T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 27269

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

E. 1/16 COR.
SEC. 2 & SEC. 11
T1N, R66W
FOUND ALUM. CAP
L.S. NO. 25937

SE. COR.
SEC. 2, T1N, R66W
FOUND ALUM. CAP
L.S. NO. 25937

S 89°37'16" W
1319.30' (M)

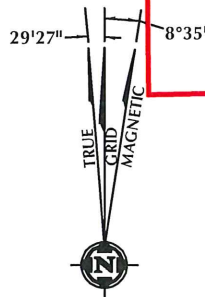
S 89°37'00" W
1319.41' (M)

S 89°37'43" W
1319.38' (M)

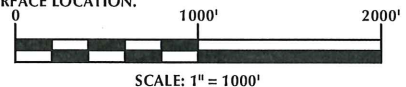
S 89°36'40" W
1319.59' (M)

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: .99971940
- OPERATOR: ROB WILSON / PDOP = 1.3
- SURFACE USE OF LOCATION IS RANGELAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS S04°56'02"W 4466' FROM THE SURFACE LOCATION.



NOTE:
MAGNETIC NORTH IS CURRENT AS OF 4/29/2013.
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.



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.

Benjamin J. Reenders
BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38305

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 - HIGHWAY 160 37N-2HZ

HIGHWAY 160 15N-2HZ
WELL LOCATION CERTIFICATE
726' FNL & 1532' FEL NWN (SURFACE)
1' FSL & 1950' FEL SWSE (BOTTOM)
LOCATED IN SECTION 2
T1N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



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Sheridan, Wyoming 82801
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DRAFTED BY:	APF	CHECKED BY:	BJR
DATE DRAFTED:	5/2/13	DATE SURVEYED:	4/26/13
REVISED:		FILE NAME:	13-35