



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

December 12, 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**  
NRC 4C-8HZ  
Township 1 North, Range 67 West, Section 8: SW/4SW/4  
Unit Spacing: T1N R67W SEC. 8 W2; SEC. 17: N2NW4  
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.

Sincerely,

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

A handwritten signature in blue ink that reads "Cheryl Light".

**Cheryl Light**  
**Senior Regulatory Analyst**

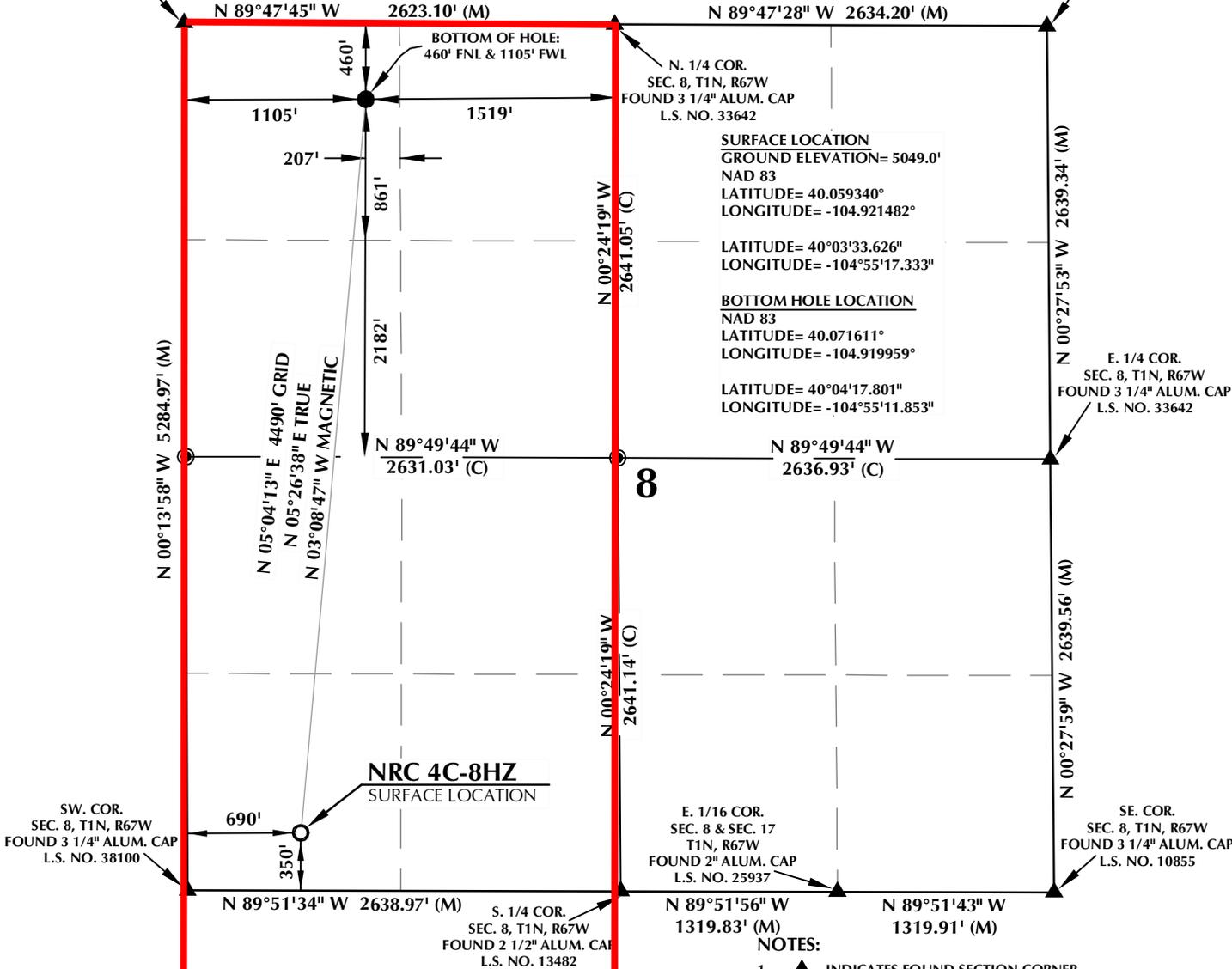
Enclosure

# PROPOSED SPACING UNIT

## T1N, R67W

NW. COR.  
SEC. 8, T1N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 28656

NE. COR.  
SEC. 8, T1N, R67W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 33642



**SURFACE LOCATION**  
GROUND ELEVATION= 5049.0'  
NAD 83  
LATITUDE= 40.059340°  
LONGITUDE= -104.921482°

**BOTTOM HOLE LOCATION**  
NAD 83  
LATITUDE= 40.071611°  
LONGITUDE= -104.919959°

**BOTTOM HOLE LOCATION**  
NAD 83  
LATITUDE= 40°04'17.801"  
LONGITUDE= -104°55'11.853"

### 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 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. 38-511-02 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
PROFESSIONAL LAND SURVEYOR  
38305

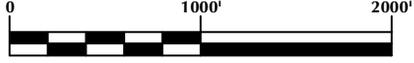
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48320

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 10/11/2013.  
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

### NOTES:

1. ▲ INDICATES FOUND SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972585
6. OPERATOR: ROB WILSON / PDOP = 1.5
7. SURFACE USE OF LOCATION IS DRY LAND CROP.
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS N05°04'13"E 4490' FROM THE SURFACE LOCATION.



SCALE: 1" = 1000'

### WELL PAD - NRC 4N-8HZ

**NRC 4C-8HZ**  
**WELL LOCATION CERTIFICATE**  
350' FSL & 690' FWL SWSW (SURFACE)  
460' FNL & 1105' FWL NWNW (BOTTOM)  
LOCATED IN SECTION 8  
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**  
2155 North Main Street  
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:    | BJR     |
| DATE DRAFTED: | 5/9/13   | DATE SURVEYED: | 4/22/13 |
| REVISED:      | 10/11/13 | FILE NAME:     | 13-33   |

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