



# 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 7, 2014

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**  
CRUICKSHANK 1C-24HZ  
Township 3 North, Range 66 West, Section 24: SE/4 SE/4  
Unit Spacing: 03N-66W-24 E/2E/2  
03N-66W-13 SE/4SE/4  
03N-66W-25 NE/4NE/4  
03N-65W-19 W/2W/2  
03N-65W-18 SW/4SW/4  
03N-65W-30 NW/4NW/4  
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**

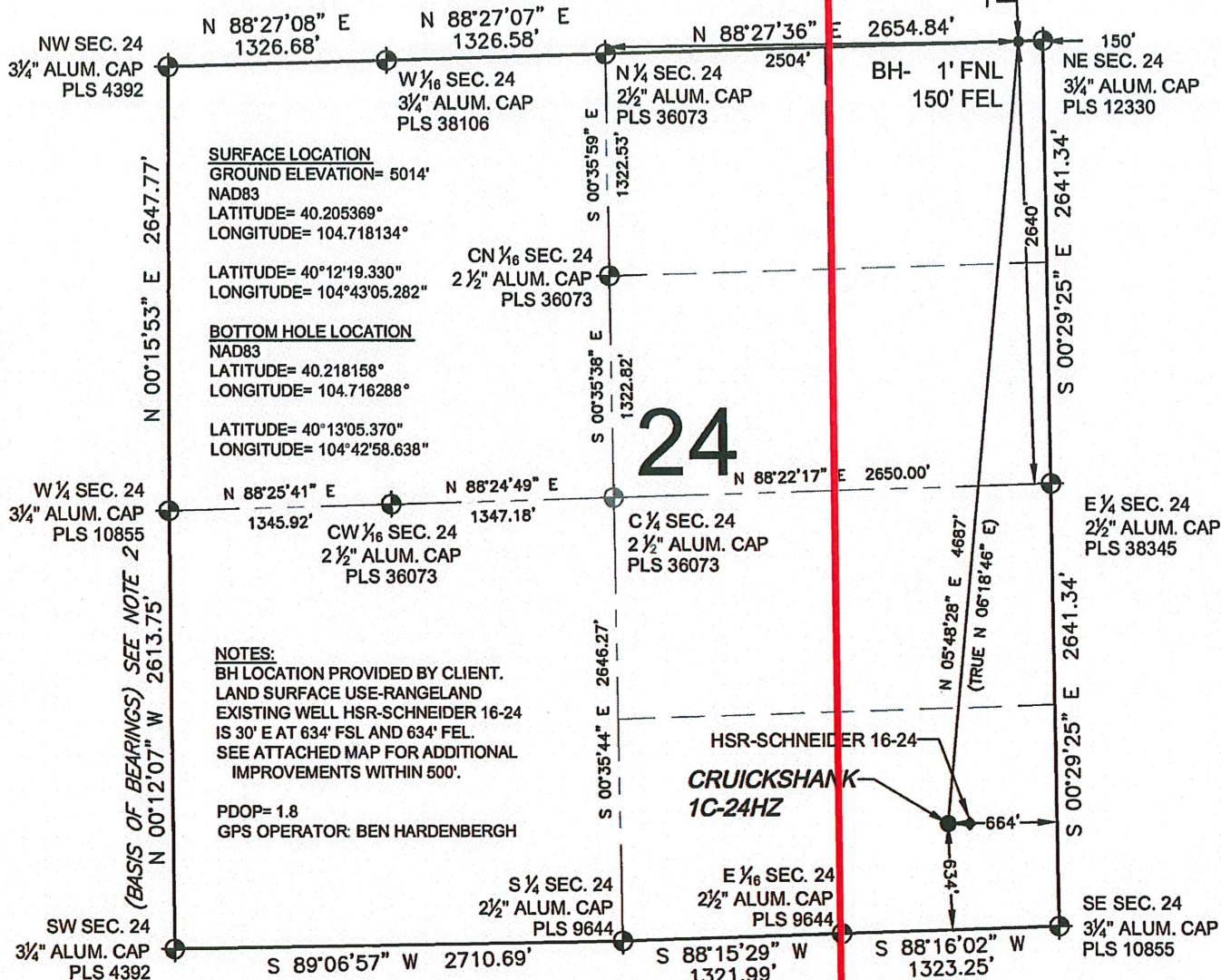
A handwritten signature in blue ink that reads 'Lauren Kucera'.

**Lauren Kucera**  
**Regulatory Analyst II**

Enclosure

# WELL LOCATION CERTIFICATE: CRUICKSHANK 1C-24HZ

SECTION 24, TOWNSHIP 3 NORTH, RANGE 66 WEST, 6TH P.M.



**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE-RANGELAND  
 EXISTING WELL HSR-SCHNEIDER 16-24  
 IS 30' E AT 634' FSL AND 634' FEL.  
 SEE ATTACHED MAP FOR ADDITIONAL  
 IMPROVEMENTS WITHIN 500'.

PDOP= 1.8  
 GPS OPERATOR: BEN HARDENBERGH

WELL CRUICKSHANK 1C-24HZ TO BE LOCATED 634' FSL AND 664' FEL

## LEGEND

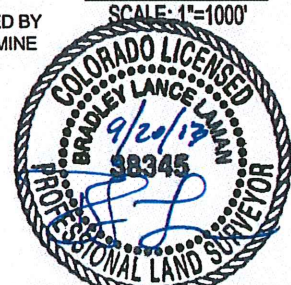
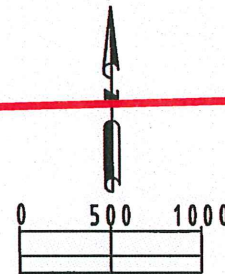
- ⊕ = EXISTING MONUMENT
- ⬮ = BOTTOM HOLE
- BH = BOTTOM HOLE
- = PROPOSED WELL
- ◆ = EXISTING WELL

## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS AND DISTANCES SHOWN HEREON ARE GRID AND BASED ON THE COLORADO STATE PLANE COORDINATE SYSTEM, NAD 83/2011 BETWEEN MONUMENTS AS LABELED HEREON AND ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES.

I, BRADLEY L. LAMAN, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO KERR-MCGEE OIL & GAS ONSHORE LP, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

BRADLEY L. LAMAN, PLS 38345  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



FIELD DATE:  
08-22-12  
 DRAWING DATE:  
09-16-13  
 BY: JAH  
 CHECKED: CPO

SURFACE LOCATION:  
 SE 1/4 SE 1/4,  
 SEC. 24, T3N, R66W, 6TH P.M.  
 WELD COUNTY, COLORADO

NOTICE: ACCORDING TO COLORADO 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 THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.