



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

October 13, 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**  
BADGER 22N-3HZ  
Township 1 North, Range 68 West, Section 15: NW/4NW/4  
Unit Spacing: 01N-68W-Sec 03 SW/4  
01N-68W-Sec 10 W/2  
01N-68W-Sec 15 N/2NW/4  
Weld County, Colorado

Ladies/Gentlemen:

Kerr McGee Oil and Gas Onshore LP (“KMG”) hereby certify to the Director that KMG owns one-hundred percent (100%) of the mineral rights in the proposed spacing unit. Therefore, KMG respectfully 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,

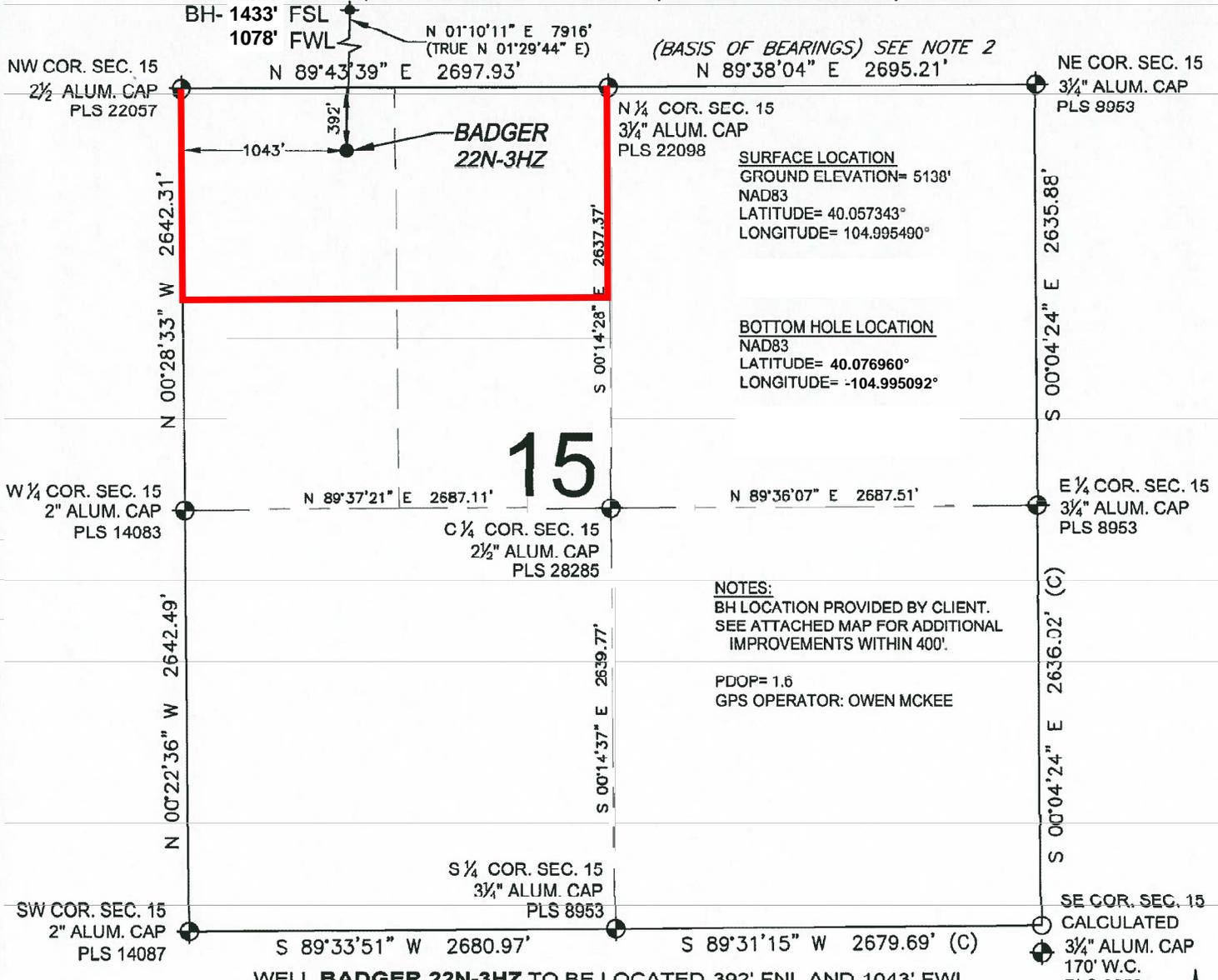
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in black ink, appearing to read 'Mike McConaughey'.

**Mike McConaughey**  
**Sr. Regulatory Analyst**

# WELL LOCATION CERTIFICATE: BADGER 22N-3HZ

SECTION 15, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



(BASIS OF BEARINGS) SEE NOTE 2

**SURFACE LOCATION**  
GROUND ELEVATION= 5138'  
NAD83  
LATITUDE= 40.057343°  
LONGITUDE= 104.995490°

**BOTTOM HOLE LOCATION**  
NAD83  
LATITUDE= 40.076960°  
LONGITUDE= -104.995092°

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
SEE ATTACHED MAP FOR ADDITIONAL IMPROVEMENTS WITHIN 400'.

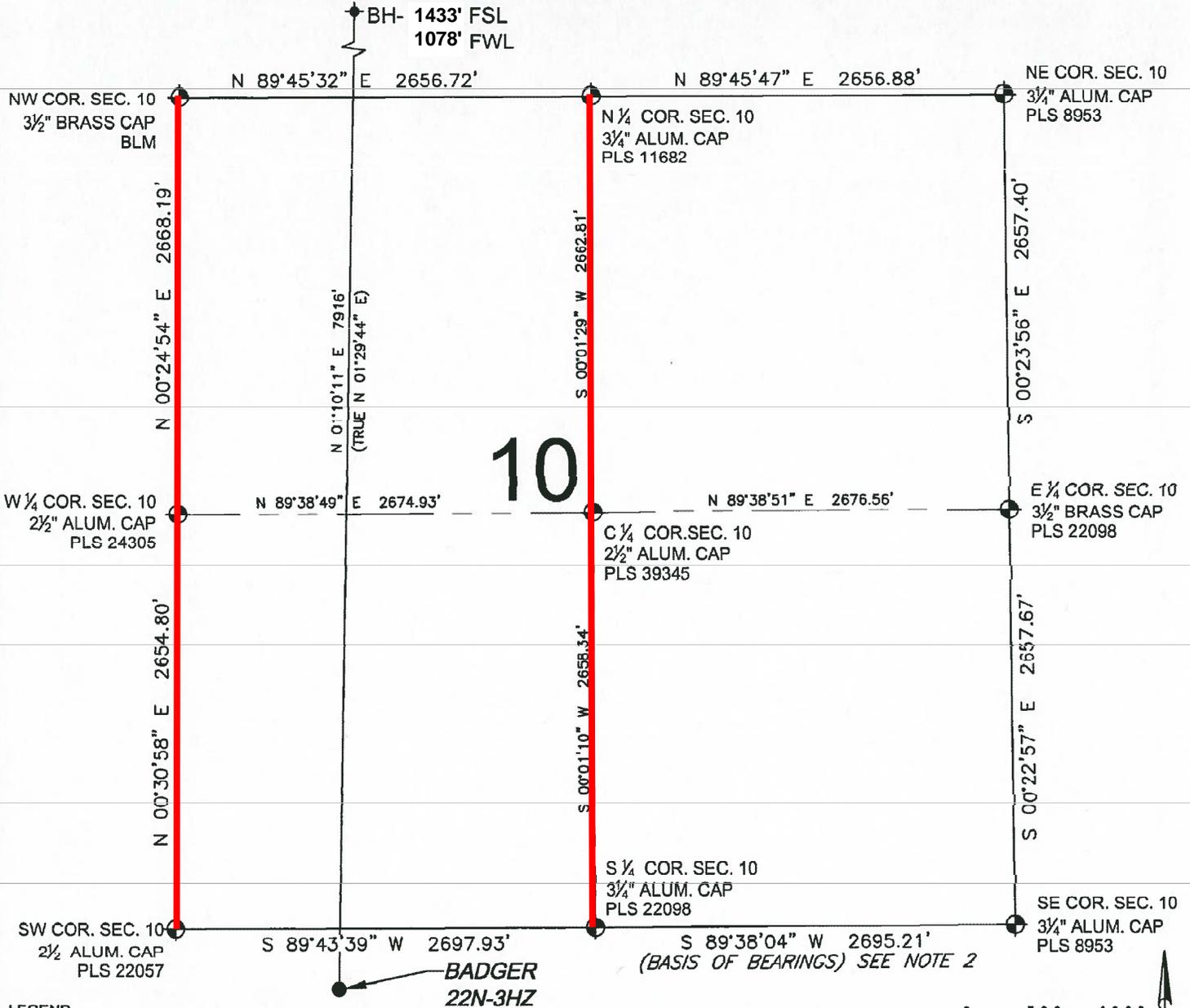
PDOP= 1.6  
GPS OPERATOR: OWEN MCKEE

<p><b>PFS</b> Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221</p>	FIELD DATE: 05-22-14	SURFACE LOCATION:
	DRAWING DATE: 07-02-14	NW 1/4 NW 1/4, SEC.15, T1N, R68W, 6TH P.M.
	BY: JAH	WELD COUNTY, COLORADO
	CHECKED: TJN	

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.

# WELL LOCATION CERTIFICATE: BADGER 22N-3HZ

SECTION 10, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



## LEGEND

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

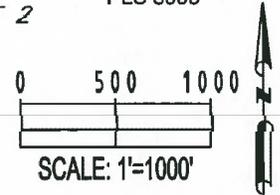
## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS AND DISTANCE 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.
- ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.

SHEET 2 OF 3

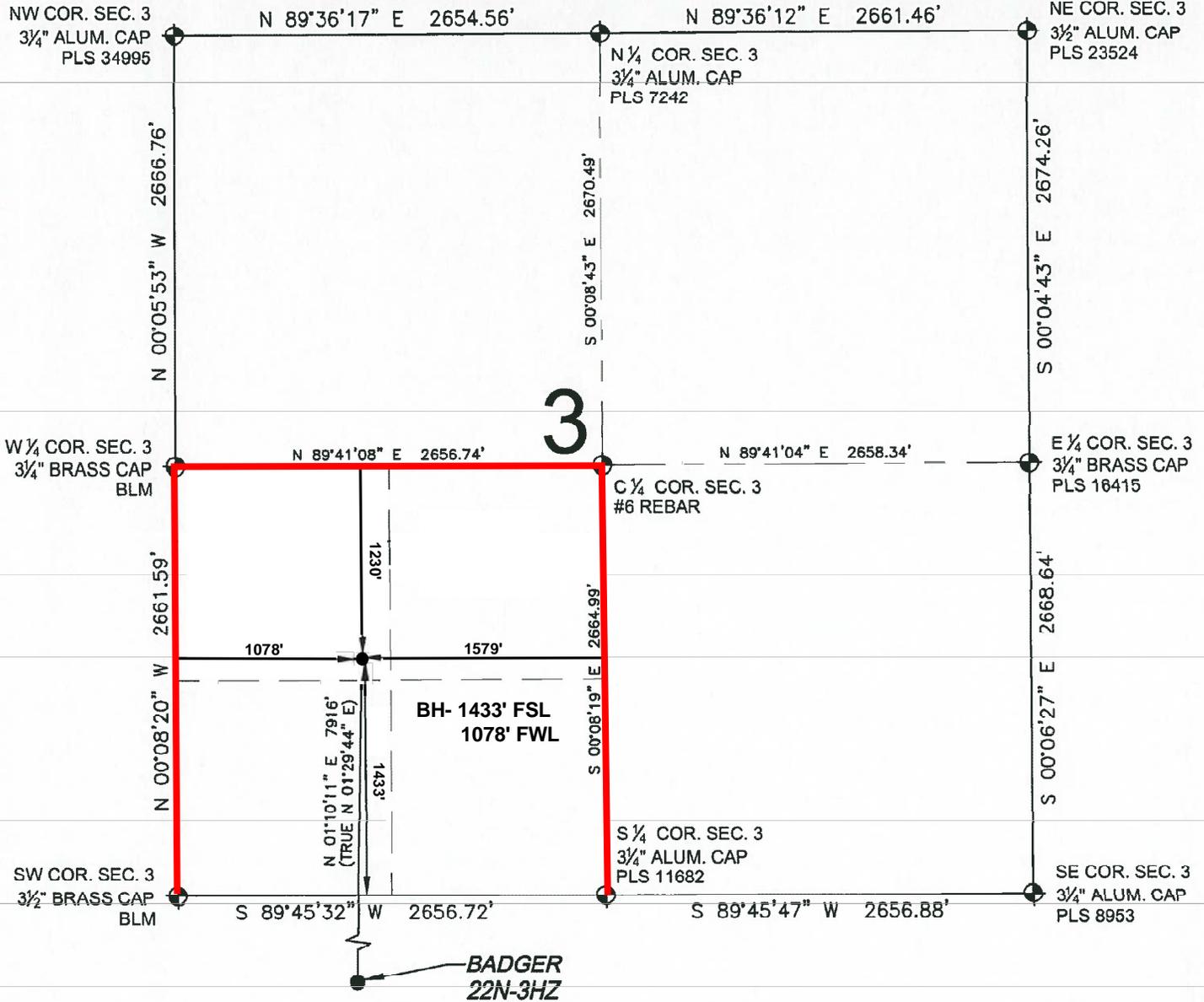
PREPARED BY: <b>PFS</b> Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-22-14	SURFACE LOCATION: NW 1/4 NW 1/4, SEC.15, T1N, R68W, 6TH P.M.
	DRAWING DATE: 07-02-14	
BY: JAH	CHECKED: TJN	WELD COUNTY, COLORADO

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# WELL LOCATION CERTIFICATE: BADGER 22N-3HZ

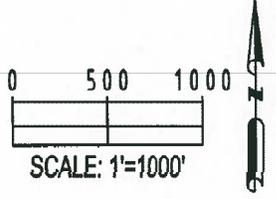
SECTION 3, TOWNSHIP 1 NORTH, RANGE 68 WEST, 6TH P.M.



### LEGEND

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

- NOTES:
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  2. BEARINGS AND DISTANCE 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.
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  4. ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.



SHEET 3 OF 3

PREPARED BY:  Petroleum Field Services, LLC 7535 Hilltop Circle Denver, CO 80221	FIELD DATE: 05-22-14	SURFACE LOCATION:
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