



# 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 23, 2015

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**  
SWARTZ 27N-12HZ (Doc No. 400922751)  
Township 2 North, Range 65 West  
Section 13: SESE  
Unit Acreage: 720 acres  
Unit Spacing: 2N65W SEC 1: S2SE  
2N65W SEC 12: E2  
2N65W SEC 13: E2  
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**

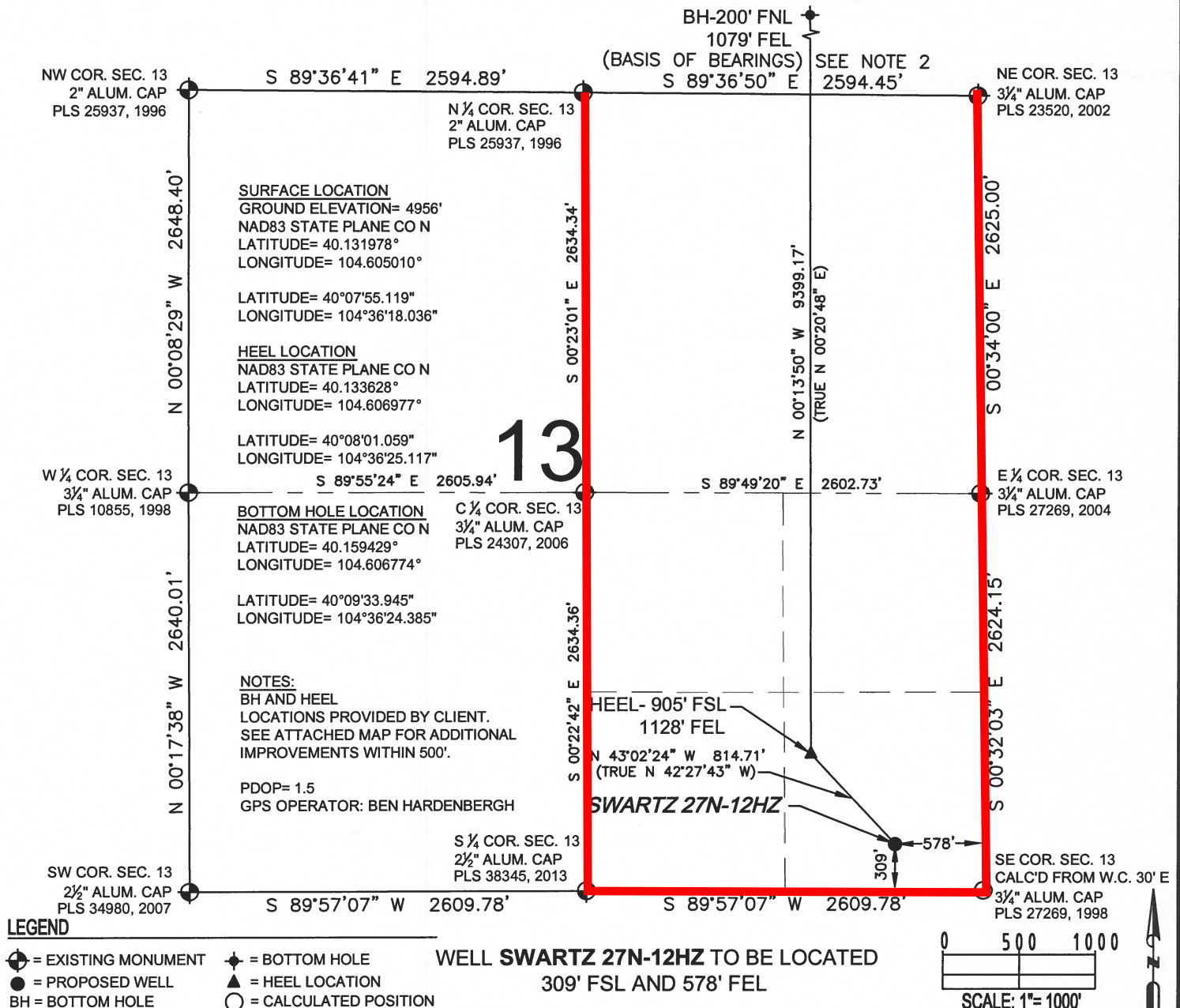
A blue ink signature of Craig Richardson, consisting of a stylized 'C' followed by a horizontal line.

Craig Richardson  
Regulatory Analyst II

Enclosure

## WELL LOCATION CERTIFICATE: SWARTZ 27N-12HZ

SECTION 13, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

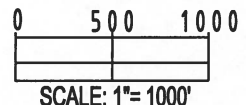


## LEGEND

- = EXISTING MONUMENT  
 ⬤ = PROPOSED WELL  
 BH = BOTTOM HOLE
- ⬆ = BOTTOM HOLE  
 ▲ = HEEL LOCATION  
 ○ = CALCULATED POSITION

## WELL SWARTZ 27N-12HZ TO BE LOCATED

309' FSL AND 578' FEL



## NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 13, BEARS S89°36'50"E BETWEEN THE MONUMENTS DESCRIBED HEREON.
- GRID DISTANCES ARE SHOWN, AS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000272228.
- ALL LINES SHOWN THAT ARE WITHOUT DIMENSION SHOULD BE CONSIDERED SCALED AND ONLY REPRESENT A GRAPHICAL DEPICTION OF THE APPROXIMATE LOCATION OF SAID LINE.
- ORIGINAL WELL STAKING COMPLETED ON JANUARY 5, 2015. SECTION MONUMENTS VERIFIED 5/2013.

I, JACOB S. FRISCH, 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.

JACOB S. FRISCH, PLS 38149  
 DATE: 08-05-15  
 JOB NO: B14.APC.0488  
 FOR AND ON BEHALF OF KERR-MCGEE OIL & GAS ONSHORE LP, LLC

SHEET 1 OF 2

PREPARED BY:

FIELD DATE:  
01-05-15DRAWING DATE:  
08-04-15BY: TJN  
CHECKED: WDW

SURFACE LOCATION:

SE 1/4 SE 1/4,

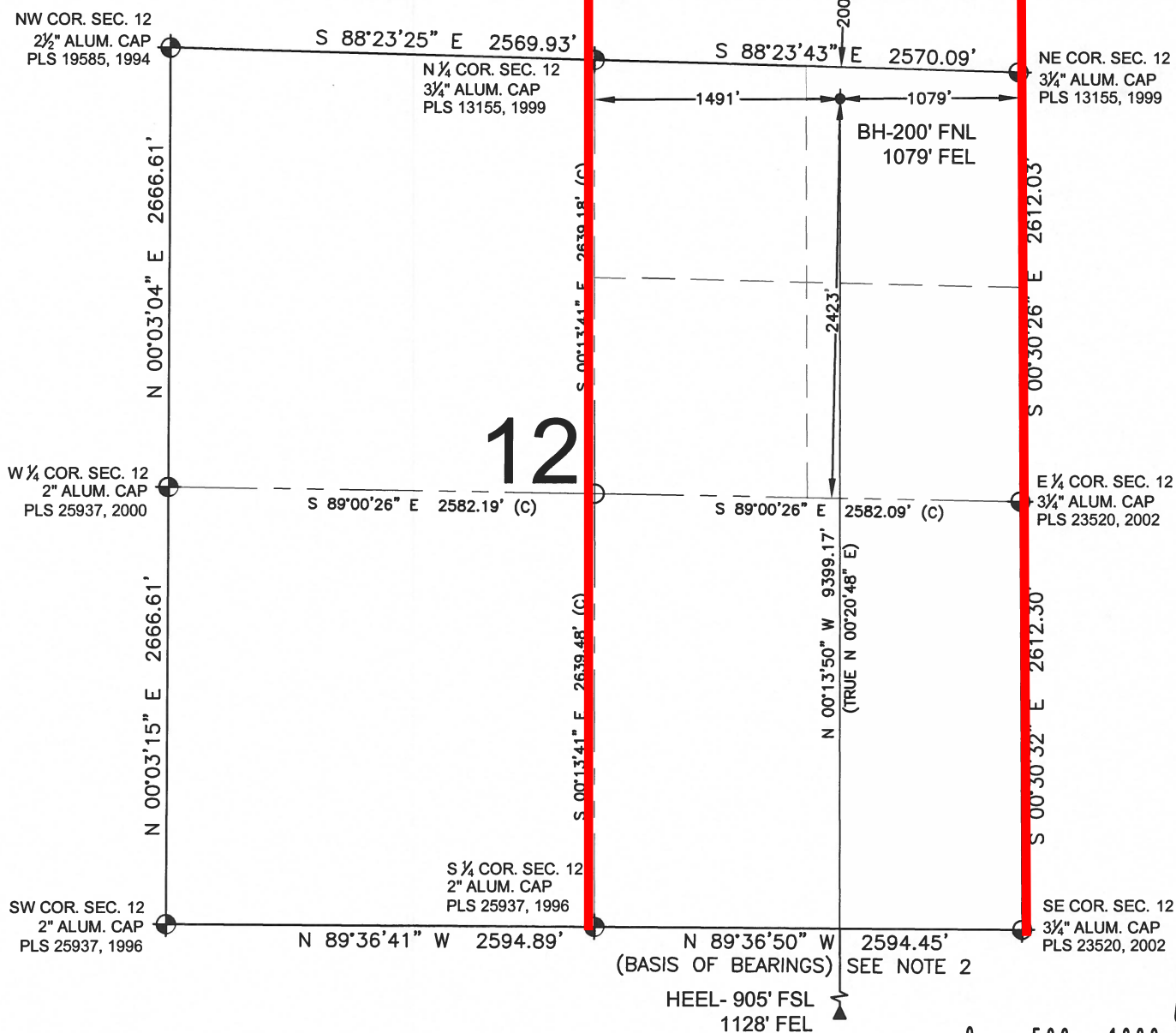
SEC. 13, T2N, R65W, 6TH P.M.

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.

# WELL LOCATION CERTIFICATE: SWARTZ 27N-12HZ

SECTION 12, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.

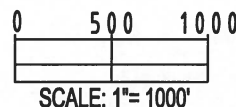


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SHEET 2 OF 2

PREPARED BY:



FIELD DATE:  
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BY:  
TJN

CHECKED:  
WDW

SURFACE LOCATION:

SE 1/4 SE 1/4,

SEC. 13, T2N, R65W, 6TH P.M.

WELD COUNTY, COLORADO

JACOB S. FRISCH, PLS 30145

DATE: 08-05-15

JOB NO: B14.APC.0488

FOR AND ON BEHALF OF P.F.S., LLC



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