



# 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 9, 2016

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**  
HILGERS 8N-34HZ (Doc No. 401149816)  
Township 3 North, Range 68 West  
Section 22: SE/4SE/4  
Unit Acreage: 560 acres  
Unit Spacing: 3N68W Sec 22: S/2SE/4  
3N68W Sec 27: E/2  
3N68W Sec 34: NE/4  
Weld County, Colorado

Dear Director Lepore:

Kerr McGee Oil and Gas Onshore LP ("KMG") hereby certifies that KMG owns one hundred percent (100%) of the leasehold interest in the mineral rights in the proposed spacing unit. 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**

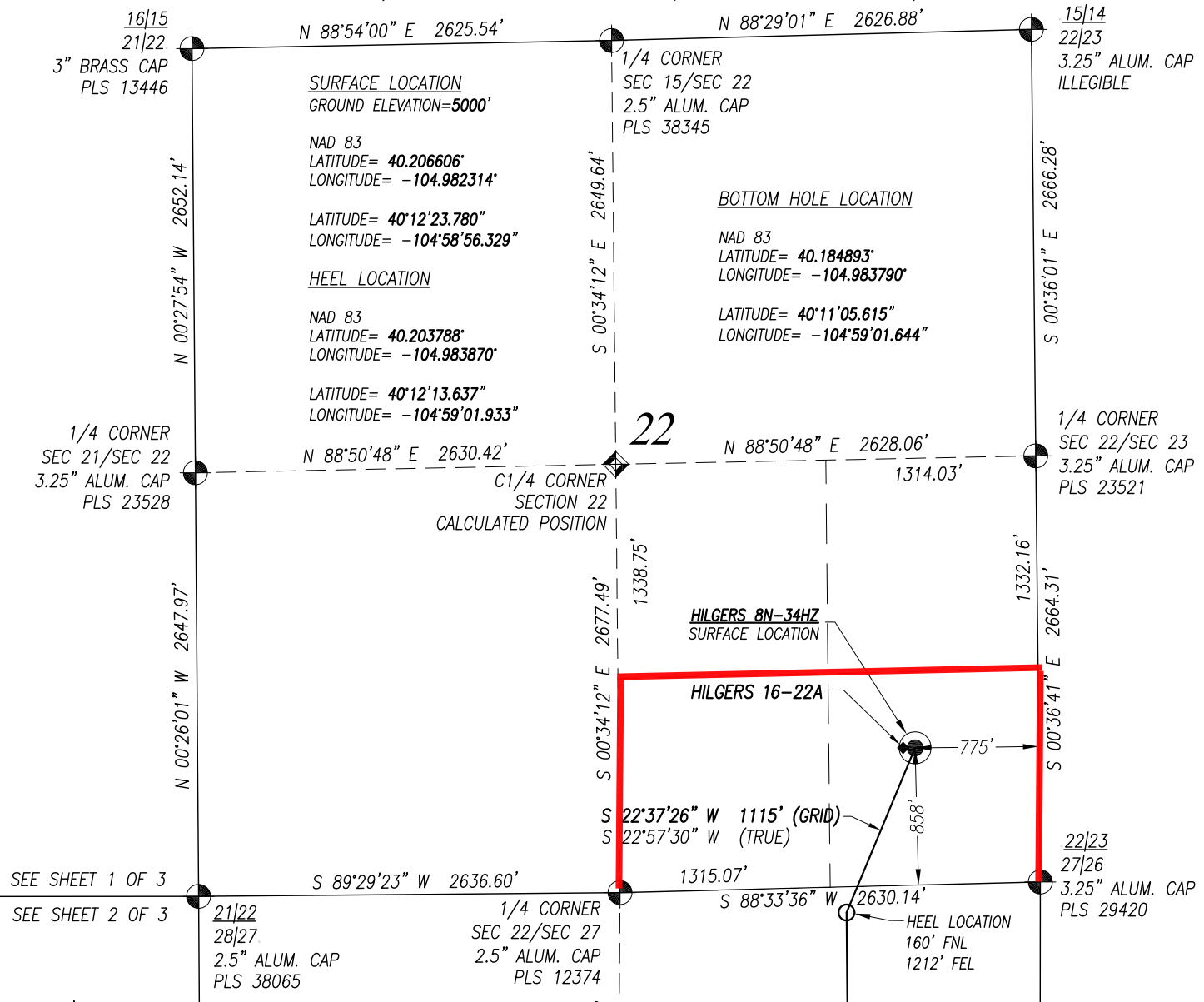
A handwritten signature in blue ink that reads 'Cheryl Light'.

Cheryl Light  
Senior Regulatory Analyst

Enclosure

# WELL LOCATION CERTIFICATE: HILGERS 8N-34HZ

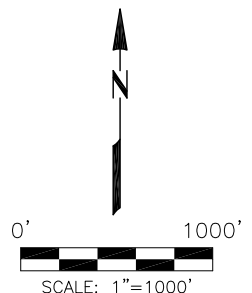
## SECTION 22, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



## SURVEYOR'S CERTIFICATION:

I, Douglas W. Chinn, 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.

Douglas W. Chinn, PLS #37070  
FOR AND ON BEHALF OF ACKLAM, INC.  
195 Telluride Street Suite 7  
Brighton CO 80601



PREPARED FOR:

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

**Acklam, Inc.**

DATE SURVEYED: 06/25/2015

DATE DRAFTED: 09/17/2015

DRAFTED BY: SMF CHK BY: JMP

JOB No. 155004 REVISED: 10/26/2016

**WELL LOCATION CERTIFICATE****HILGERS 8N-34HZ**

**SURFACE** 858' FSL 775' FEL SEC. 22  
GROUND ELEVATION=5000'

**HEEL** 160' FNL 1212' FEL SEC. 27  
**BOTTOM HOLE** 1742' FNL 1169' FEL SEC. 34

**SE1/4 SE1/4**  
**SECTION 22, T3N, R68W, 6TH PM**  
**WELD COUNTY, COLORADO**

## NOTES:

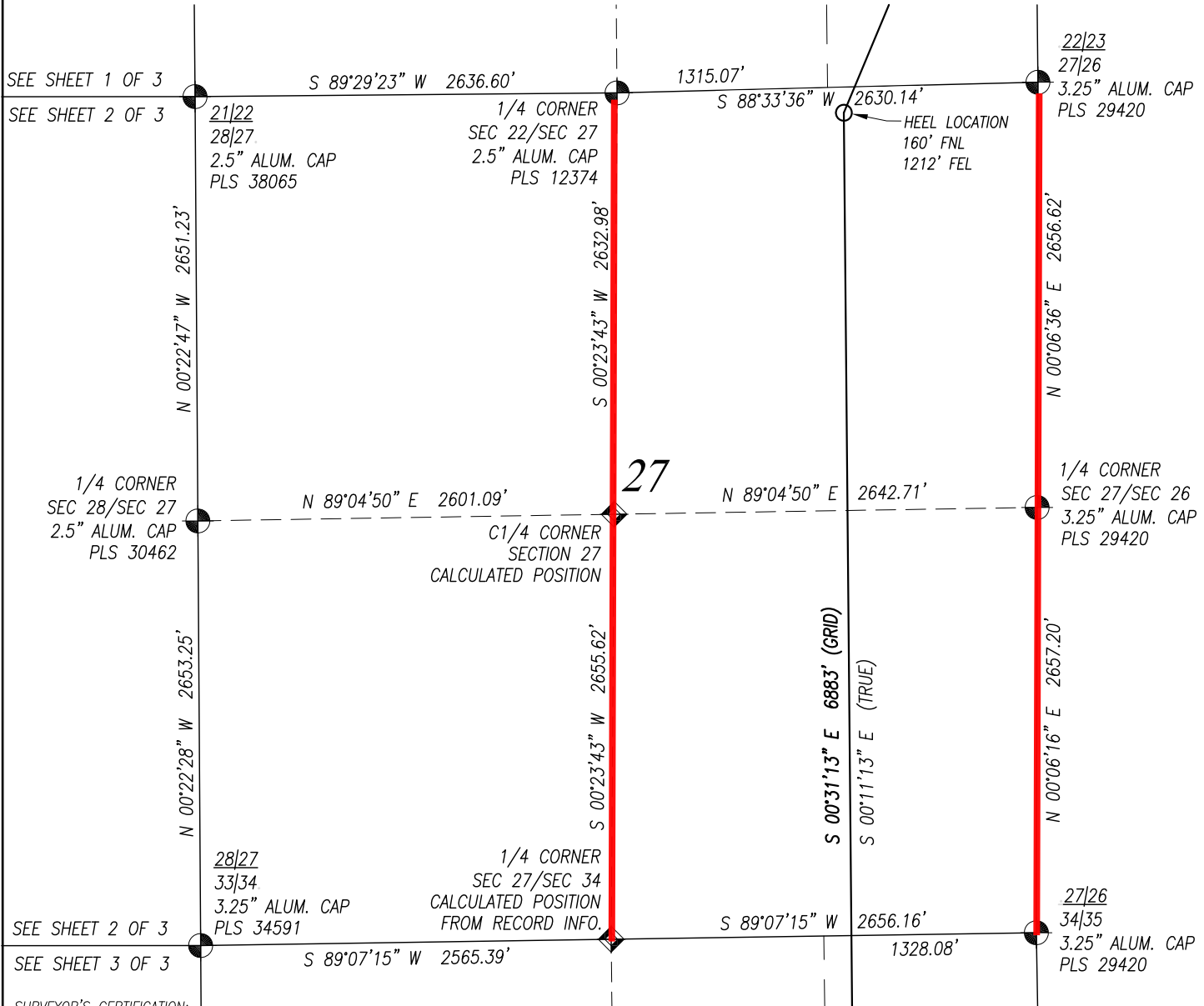
- Found Section Corner
- Calculated Section Corner
- Basis of Elevations: NAVD88 (GEOID12).
- Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID").
- Basis of Distances: GRID; Combined Factor=0.999717864.
- GPS Operator: **Jeff Hawkins** PDOP **2.1**
- See attachments for existing improvements within 500 feet of the well pad.
- Well footages are measured at right angles to the section lines.
- The Bottom Hole Location bears **S 02°39'02" W 7920'** from the Surface Location.
- Existing well Hilgers 16-22A bears **N 89°59'13" W 75'** from the Surface Location.

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 the date of the certification shown hereon.

**SHEET 1 OF 3**

# WELL LOCATION CERTIFICATE: HILGERS 8N-34HZ

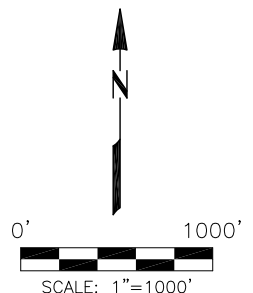
## SECTION 27, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



## SURVEYOR'S CERTIFICATION:

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PREPARED FOR:

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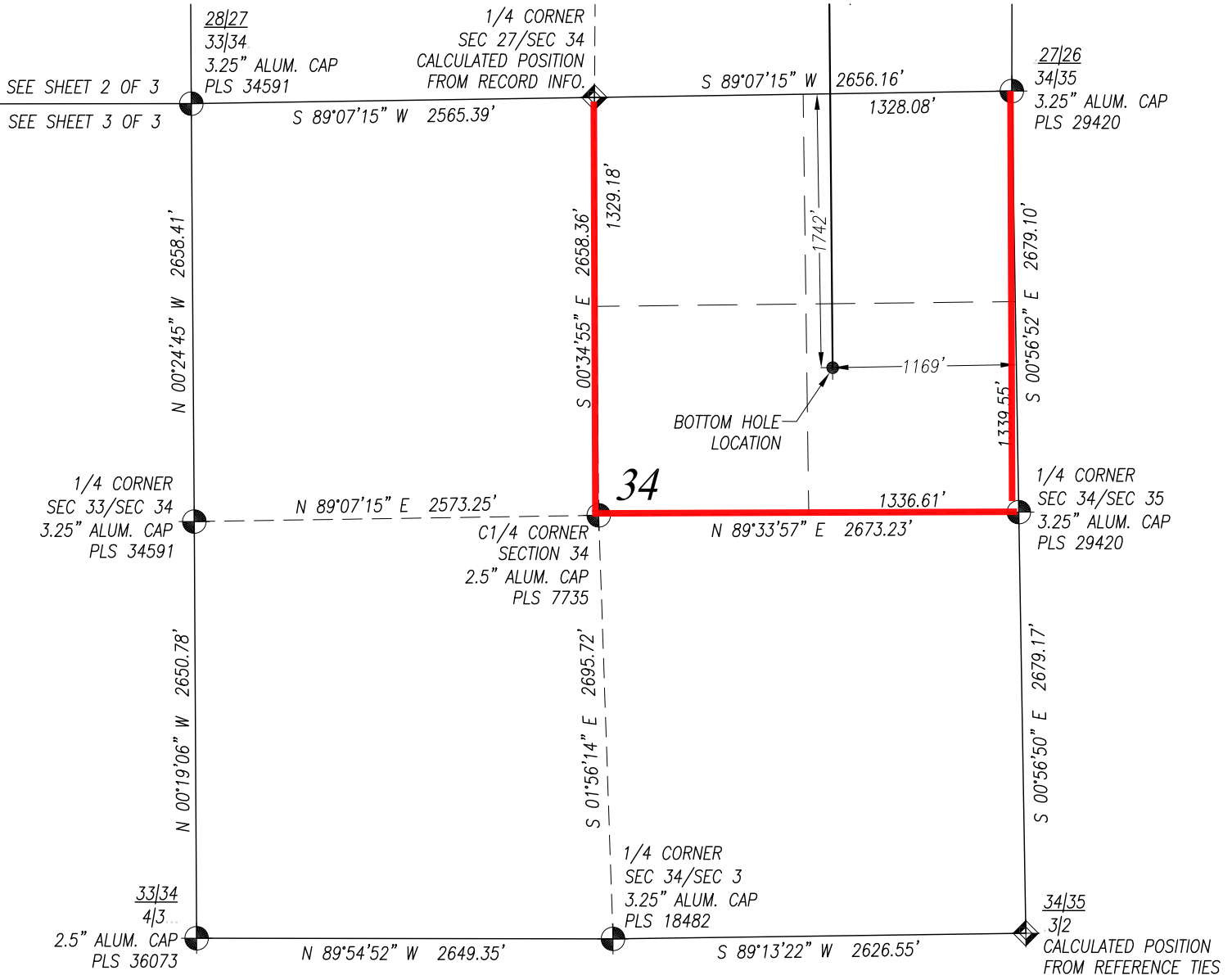
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SHEET 2 OF 3

# WELL LOCATION CERTIFICATE: HILGERS 8N-34HZ

## SECTION 34, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



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WELD COUNTY, COLORADO

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