



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th 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**
KEOWN STATE 19N-34HZ (Doc No. 401140334)
Township 2 North, Range 68 West
Section 15: SW/4NW/4
Unit Acreage: 960 acres
Unit Spacing: 02N-68W-Sec 3: W/2
02N-68W-Sec 10: W/2
02N-68W-Sec 15: NW/4
03N-68W-Sec 34: SW/4
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 Cheryl Light at (720) 929-6461.

Very truly yours,

KERR-McGEE OIL AND GAS ONSHORE LP

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

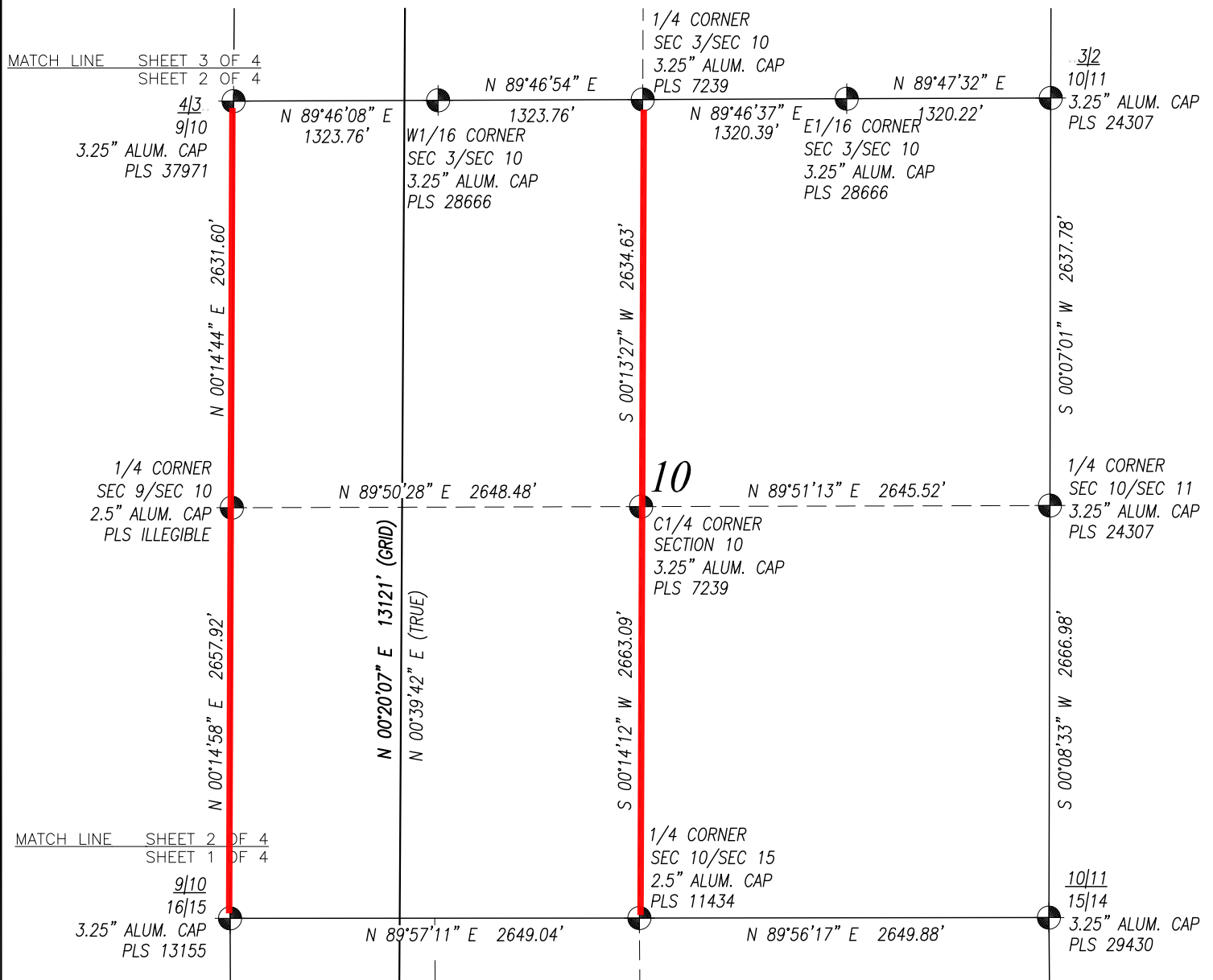
Cheryl Light
Senior Regulatory Analyst



JOB No. 155000	REVISED: 10/17/2016
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WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

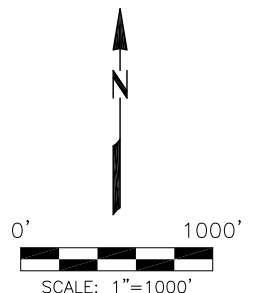
SECTION 10, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



SURVEYOR'S CERTIFICATION:

I, hereby certify to KERR-McGEE OIL & GAS ONSHORE L.P., that this Well Location Certificate was prepared under my direct supervision and that the drawing accurately depicts the proposed location of the well.

Mark A. Hall, PLS #36073
FOR AND ON BEHALF OF ACKLAM, INC.
195 Telluride Street Suite 7
Brighton CO 80601



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=0.999725831
- GPS Operator: **Monty Wallace** PDOP 1.3
- 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 **N 01°20'18" E 13773'** 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 2 OF 4

PREPARED FOR:

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

Acklam, Inc.

DATE SURVEYED: 06/22/2015

DATE DRAFTED: 08/18/2015

DRAFTED BY: SMF CHK BY: JMP

JOB No. 155000 REVISED: 10/17/2016

WELL LOCATION CERTIFICATE

KEOWN STATE 19N-34HZ

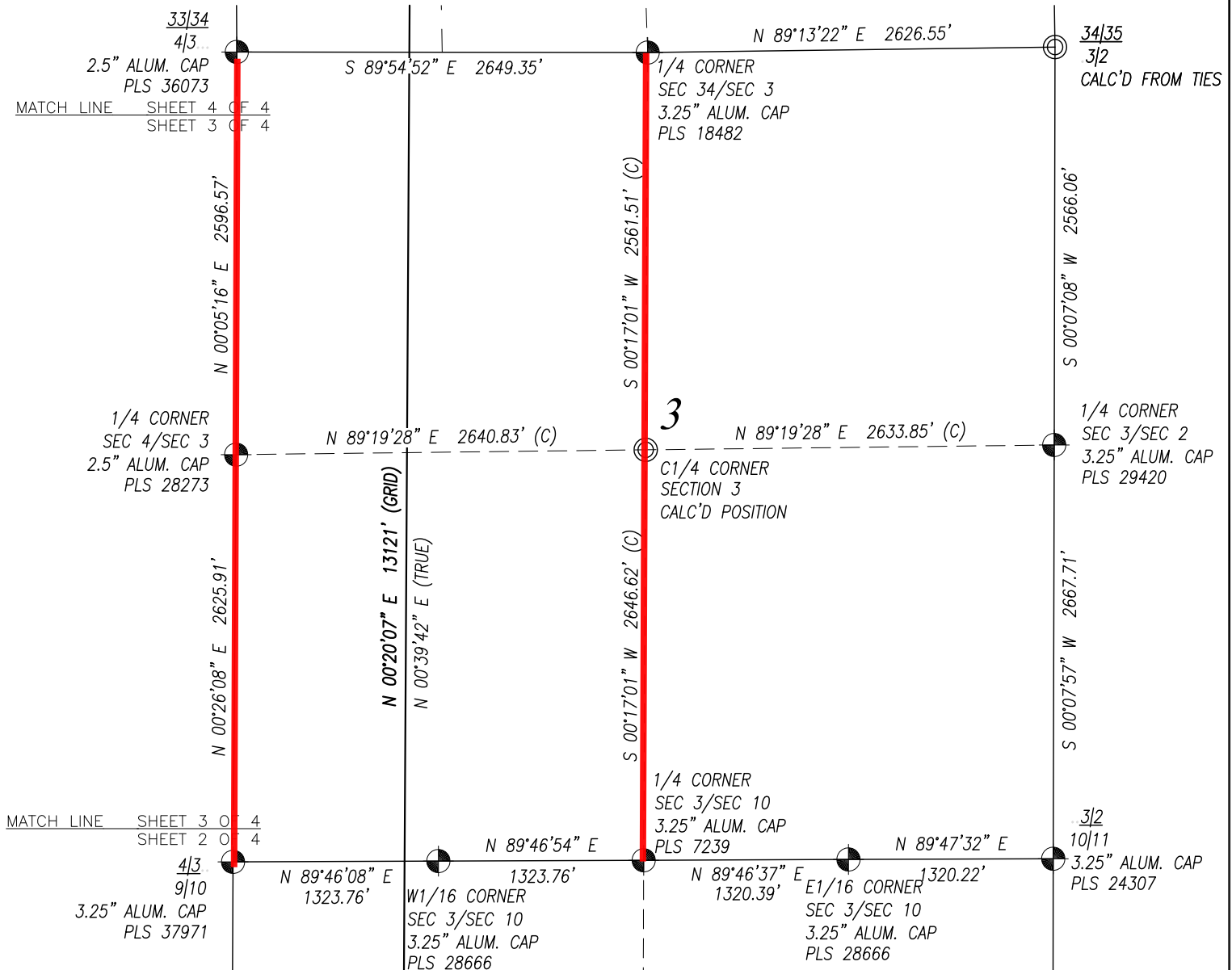
SURFACE 1799' FNL 837' FWL SEC. 15
GROUND ELEVATION=4872'

HEEL 1150' FNL 1085' FWL SEC. 15
BOTTOM HOLE 1461' FSL 1129' FWL SEC. 34

SW1/4 NW1/4
SECTION 15, T2N, R68W, 6TH PM
WELD COUNTY, COLORADO

WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

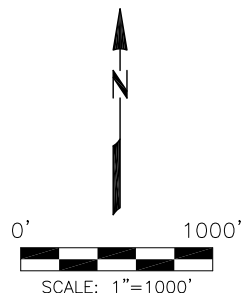
SECTION 3, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



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8. Well footages are measured at right angles to the section lines.
9. The Bottom Hole Location bears **N 01°20'18" E 13773'** from the Surface Location.

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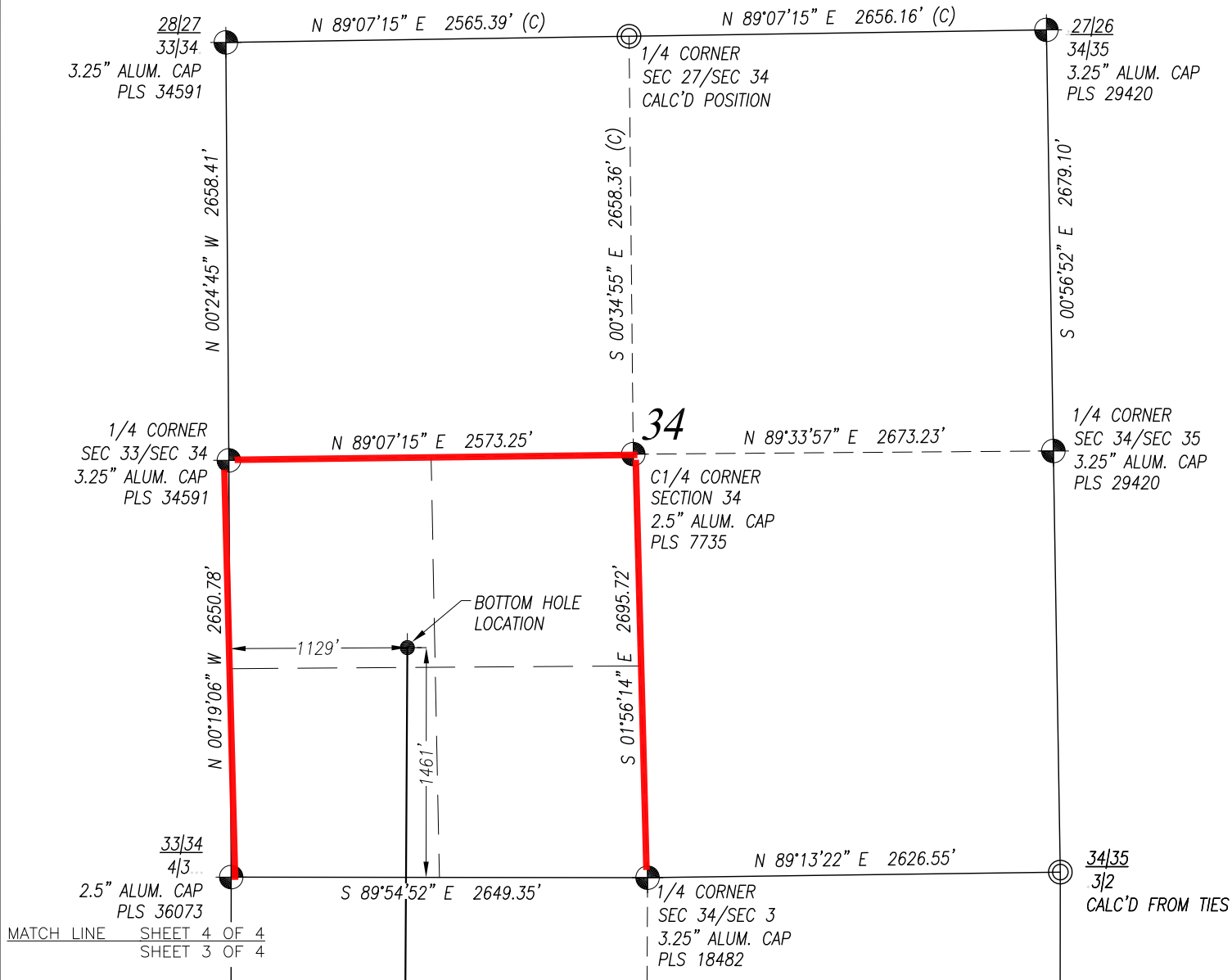
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SECTION 15, T2N, R68W, 6TH PM
WELD COUNTY, COLORADO

WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

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



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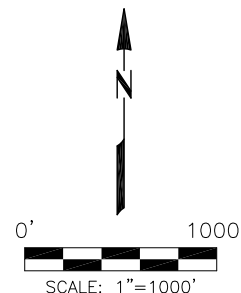
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