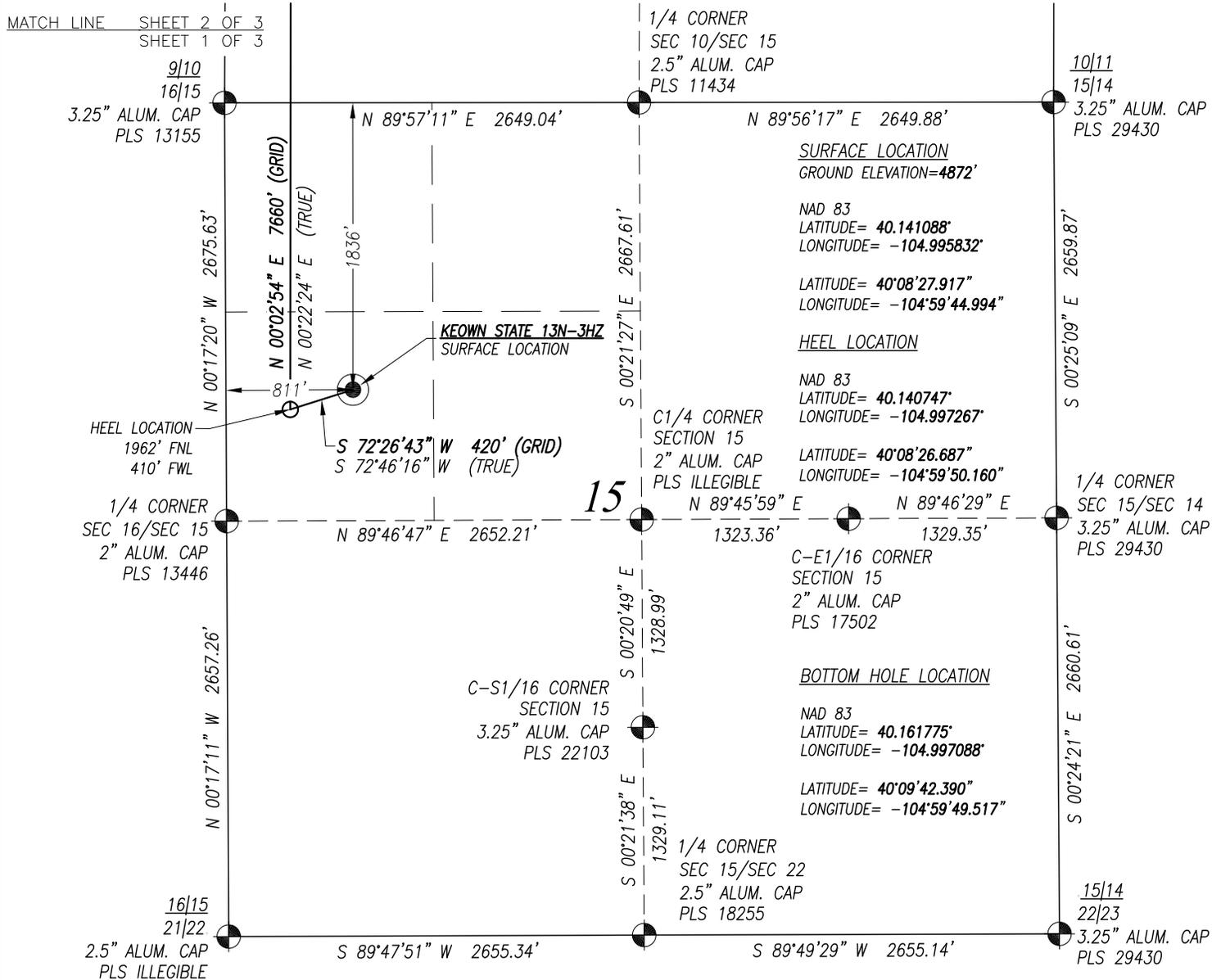


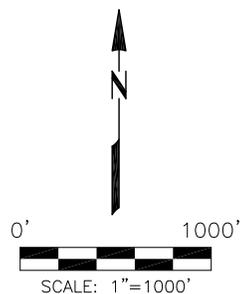
WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

SECTION 15, 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 02°59'37" W 7544'** from the Surface Location.

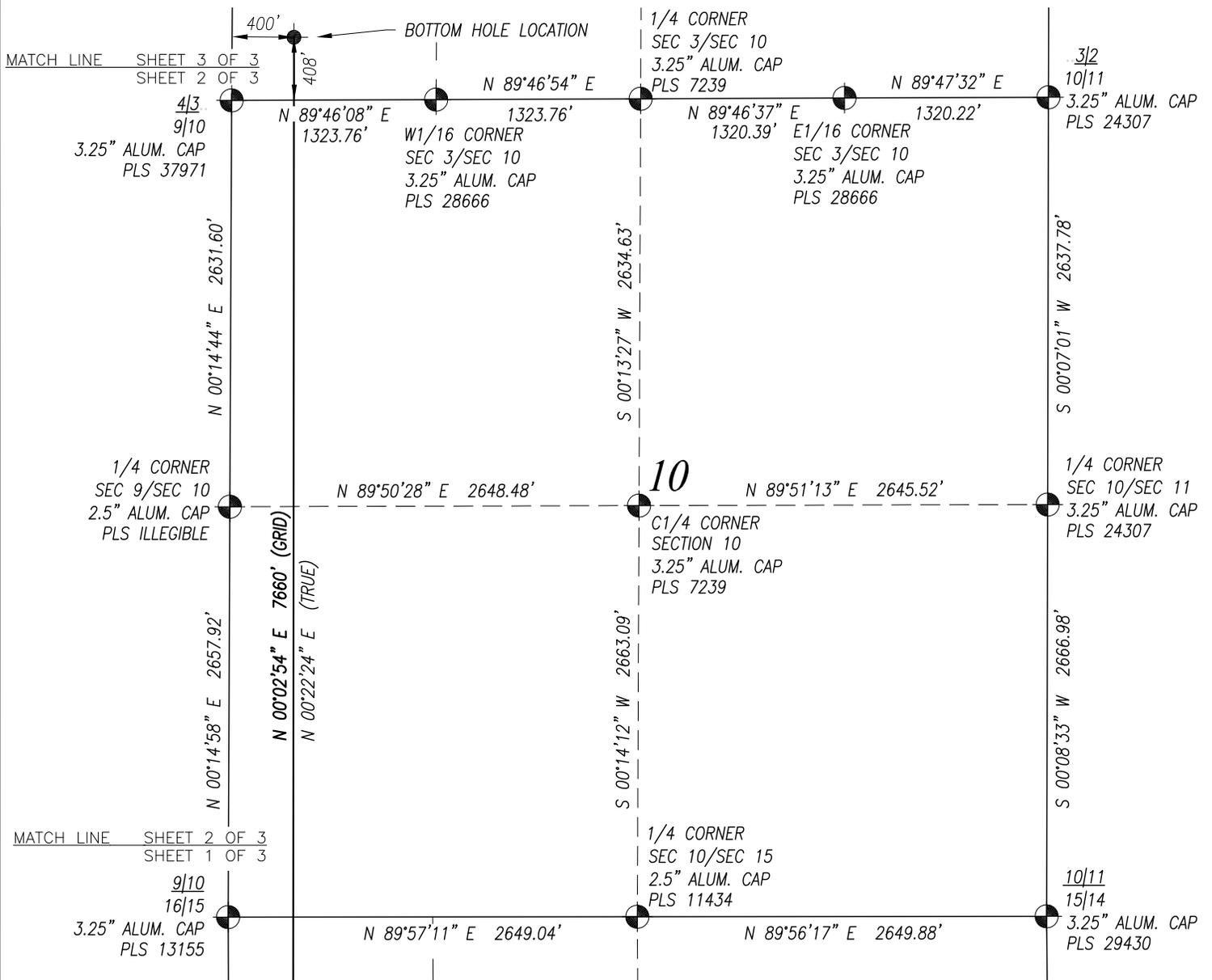
NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

PREPARED FOR:	
 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:

WELL LOCATION CERTIFICATE	
KEOWN STATE 13N-3HZ	
SURFACE	1836' FNL 811' FWL SEC. 15 GROUND ELEVATION=4872'
HEEL	1962' FNL 410' FWL SEC. 15
BOTTOM HOLE	408' FSL 400' FWL SEC. 3
SW1/4 NW1/4	
SECTION 15, T2N, R68W, 6TH PM	
WELD COUNTY, COLORADO	

WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

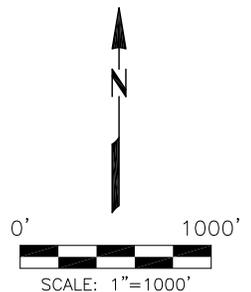
SECTION 10, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



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:

1. Found Section Corner
2. Calculated Section Corner
3. Basis of Elevations: NAVD88 (GEOD12).
4. Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID").
5. Basis of Distances: GRID; Combined Factor=0.999725831
6. GPS Operator: **Monty Wallace** PDOP **1.3**
7. See attachments for existing improvements within 500 feet of the well pad.
8. Well footages are measured at right angles to the section lines.
9. The Bottom Hole Location bears **N 02°59'37" W 7544'** 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.

PREPARED FOR:

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:

WELL LOCATION CERTIFICATE

KEOWN STATE 13N-3HZ

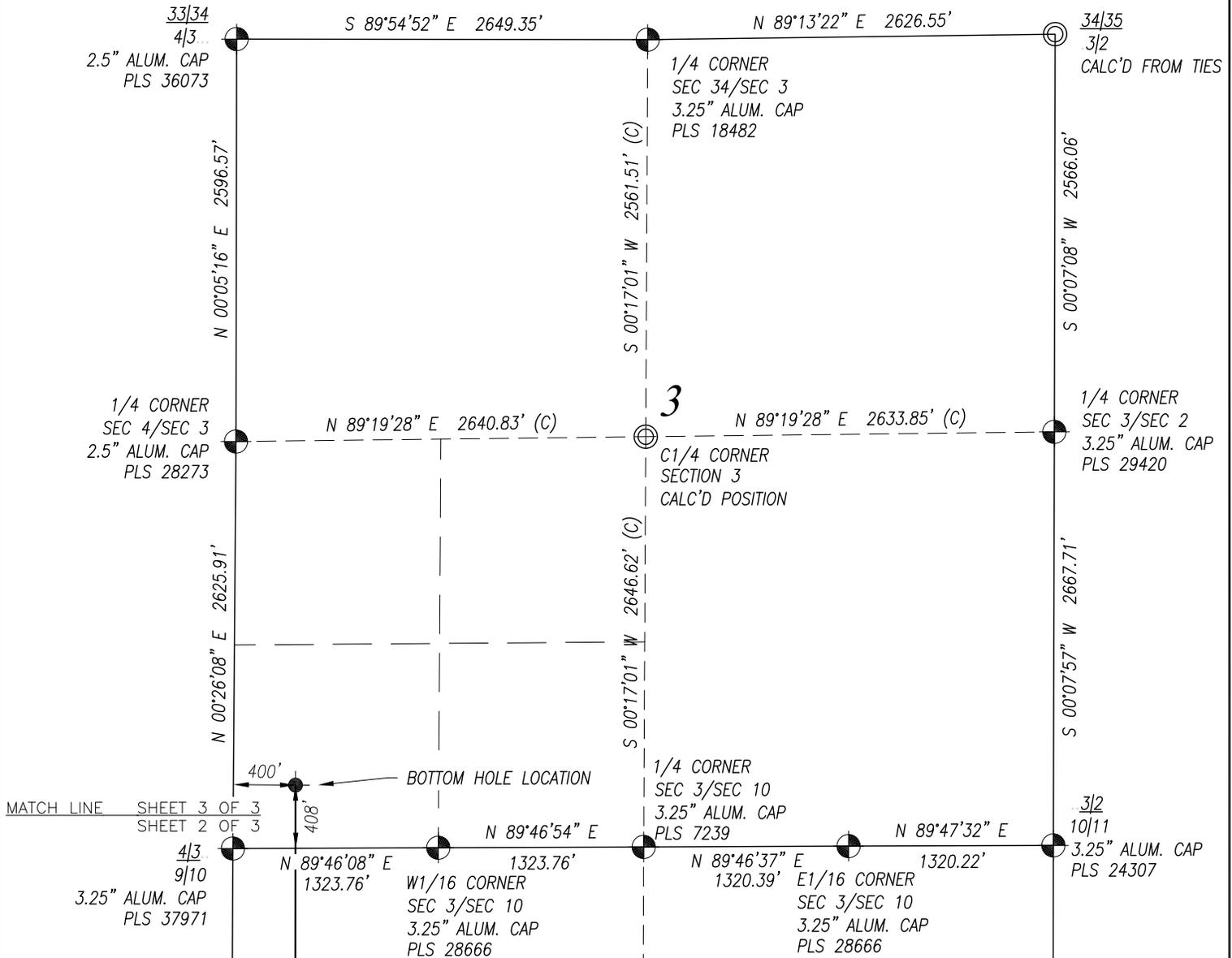
SURFACE 1836' FNL 811' FWL SEC. 15
 GROUND ELEVATION=4872'

HEEL 1962' FNL 410' FWL SEC. 15
BOTTOM HOLE 408' FSL 400' FWL SEC. 3

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

WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

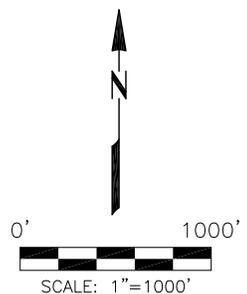
SECTION 3, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



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:

1. Found Section Corner
2. Calculated Section Corner
3. Basis of Elevations: NAVD88 (GEOID12).
4. Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID").
5. Basis of Distances: GRID; Combined Factor=0.999725831
6. GPS Operator: **Monty Wallace** PDOP **1.3**
7. See attachments for existing improvements within 500 feet of the well pad.
8. Well footages are measured at right angles to the section lines.
9. The Bottom Hole Location bears **N 02°59'37" W 7544'** 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.

PREPARED FOR:



Acklam, Inc.

DATE SURVEYED: 06/22/2015
 DATE DRAFTED: 08/18/2015
 DRAFTED BY: SMF CHK BY: JMP
 JOB No. 155000 REVISED:

WELL LOCATION CERTIFICATE

KEOWN STATE 13N-3HZ
 SURFACE 1836' FNL 811' FWL SEC. 15
 GROUND ELEVATION=4872'
 HEEL 1962' FNL 410' FWL SEC. 15
 BOTTOM HOLE 408' FSL 400' FWL SEC. 3
 SW1/4 NW1/4
 SECTION 15, T2N, R68W, 6TH PM
 WELD COUNTY, COLORADO