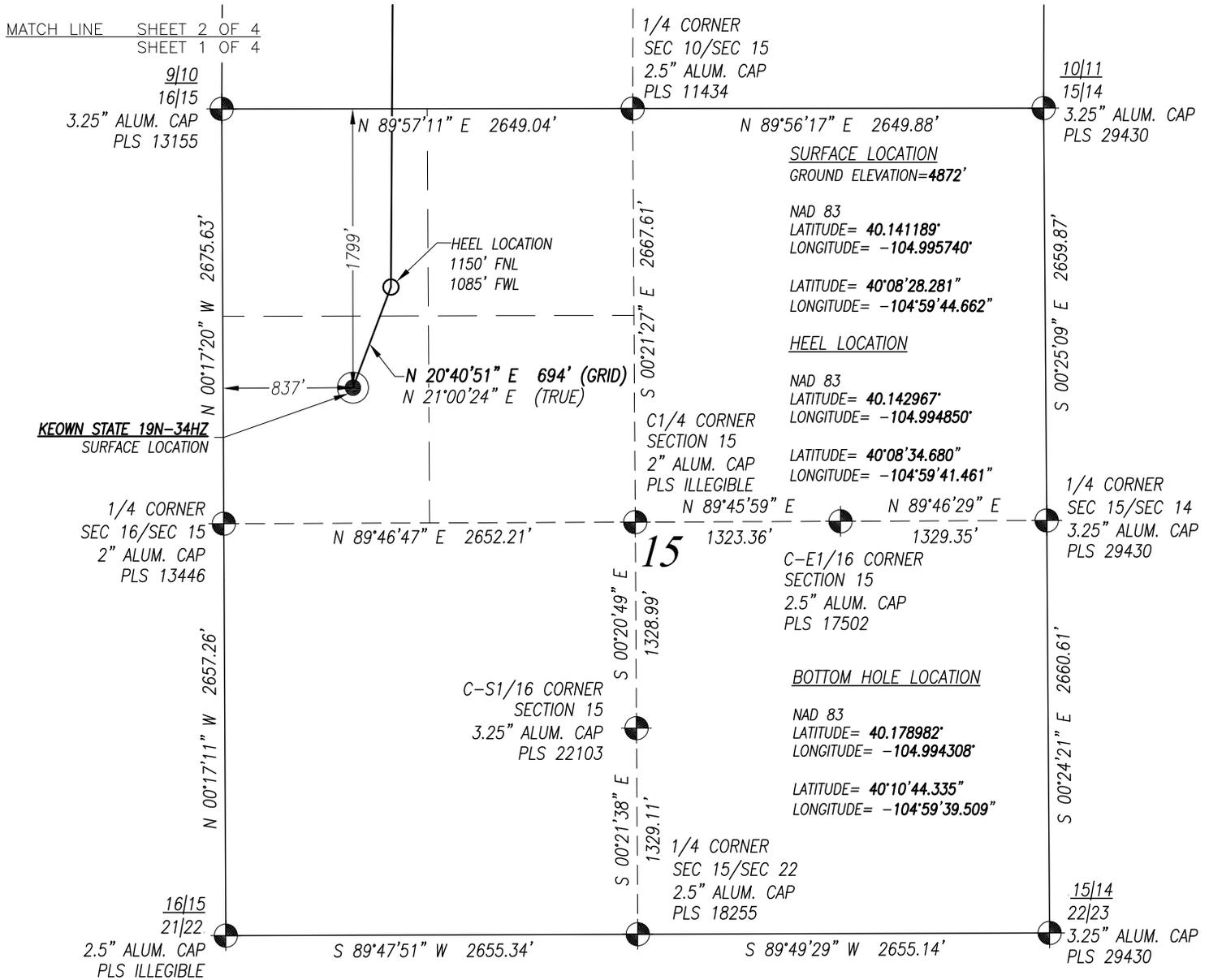


WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

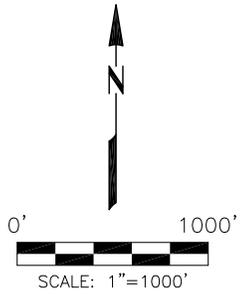
SECTION 15, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



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:

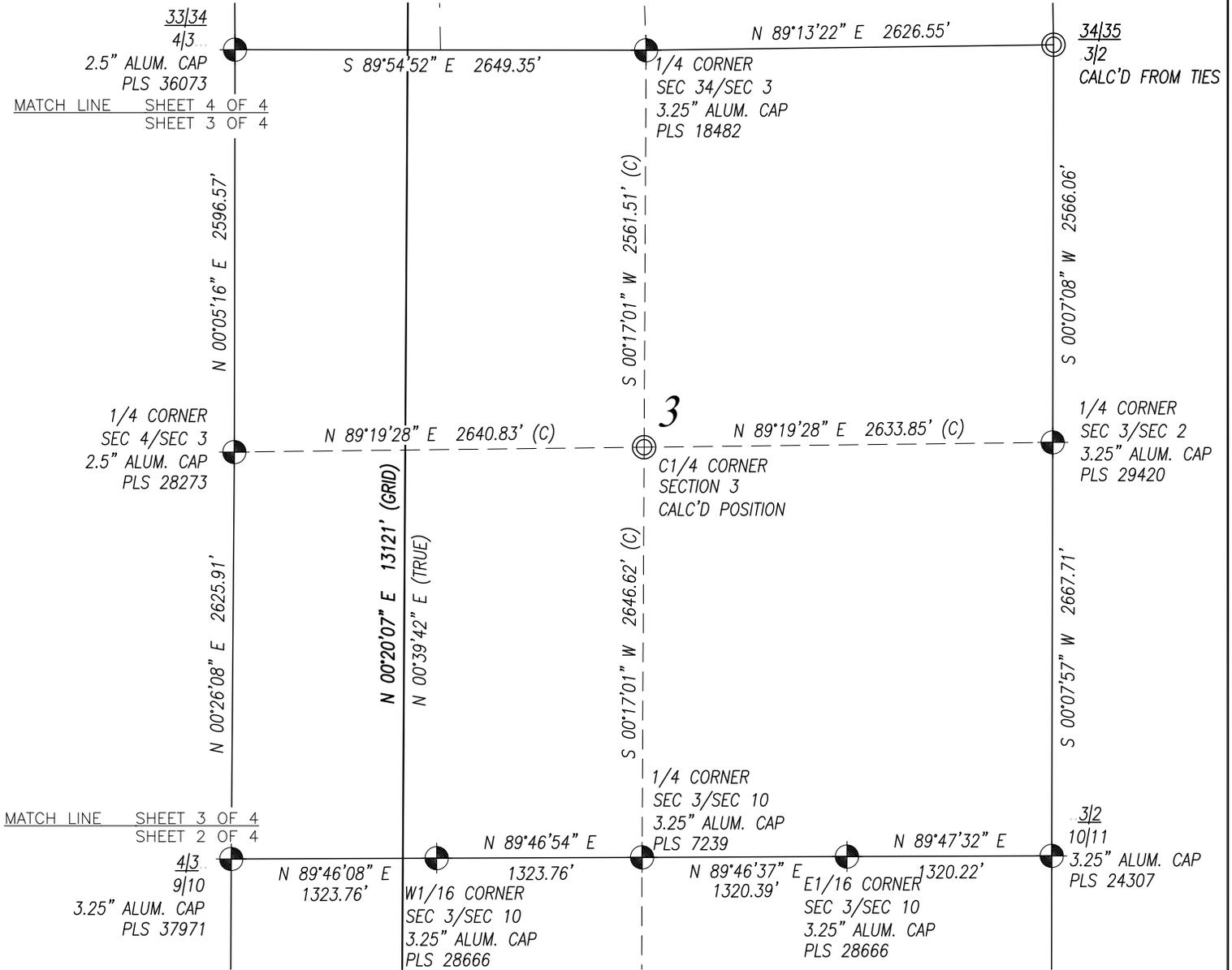
- Found Section Corner
- Calculated Section Corner
- Basis of Elevations: NAVD88 (GEIOD12).
- Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID").
- Basis of Distances: GRID; Combined Factor=0.999725831
- GPS Operator: **Monty Wallace** PDOP 1.3
- See attachments for existing improvements 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.

PREPARED FOR: Kerr-McGee Oil & Gas Onshore L.P. 1099 18th Street Denver, Colorado 80202	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
DATE SURVEYED: 06/22/2015 DATE DRAFTED: 08/18/2015 DRAFTED BY: SMF CHK BY: JMP JOB No. 155000 REVISED: 10/17/2016	SW1/4 NW1/4 SECTION 15, T2N, R68W, 6TH PM WELD COUNTY, COLORADO

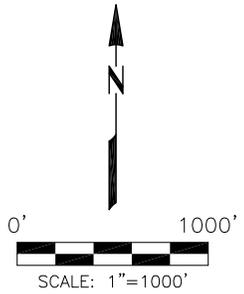
WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

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



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



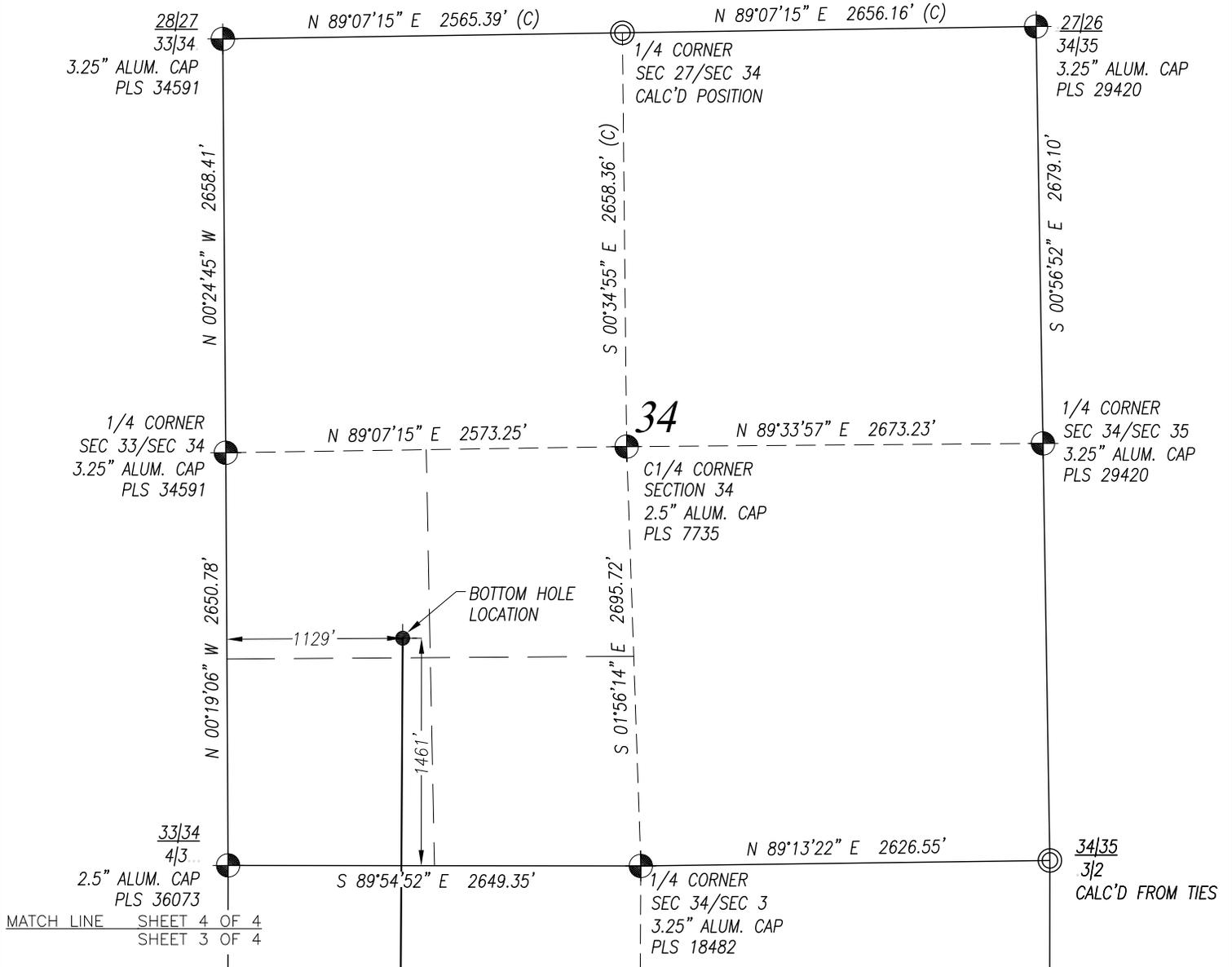
- NOTES:**
- Found Section Corner
 - Calculated Section Corner
 - Basis of Elevations: NAVD88 (GEOID12).
 - Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID").
 - Basis of Distances: GRID; Combined Factor=0.999725831
 - GPS Operator: **Monty Wallace** PDOP **1.3**
 - See attachments 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.

PREPARED FOR: Kerr-McGee Oil & Gas Onshore L.P. 1099 18th Street Denver, Colorado 80202	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
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	SW1/4 NW1/4 SECTION 15, T2N, R68W, 6TH PM WELD COUNTY, COLORADO

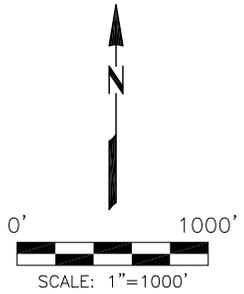
WELL LOCATION CERTIFICATE: KEOWN STATE 19N-34HZ

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



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 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.

PREPARED FOR: Kerr-McGee Oil & Gas Onshore L.P. 1099 18th Street Denver, Colorado 80202	<h3 style="margin: 0;">WELL LOCATION CERTIFICATE</h3> <h4 style="margin: 0;">KEOWN STATE 19N-34HZ</h4> <p style="margin: 0;">SURFACE 1799' FNL 837' FWL SEC. 15 GROUND ELEVATION=4872'</p> <p style="margin: 0;">HEEL 1150' FNL 1085' FWL SEC. 15</p> <p style="margin: 0;">BOTTOM HOLE 1461' FSL 1129' FWL SEC. 34</p> <p style="margin: 0;">SW1/4 NW1/4 SECTION 15, T2N, R68W, 6TH PM WELD COUNTY, COLORADO</p>
<p style="margin: 0;">Acklam, Inc.</p> <p style="margin: 0;">DATE SURVEYED: 06/22/2015</p> <p style="margin: 0;">DATE DRAFTED: 08/18/2015</p> <p style="margin: 0;">DRAFTED BY: SMF CHK BY: JMP</p> <p style="margin: 0;">JOB No. 155000 REVISED: 10/17/2016</p>	<p style="margin: 0;">SHEET 4 OF 4</p>