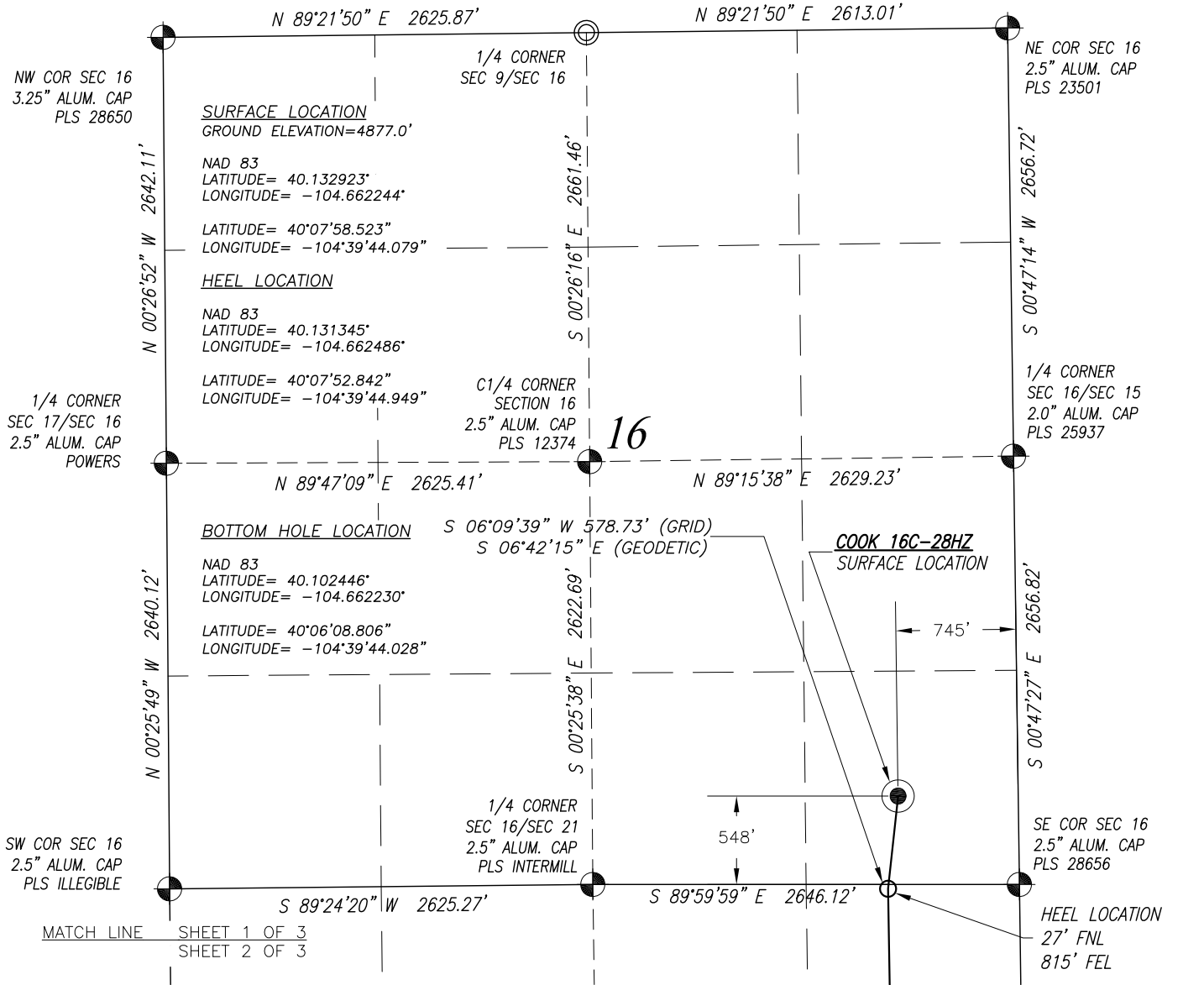
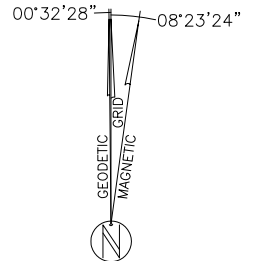
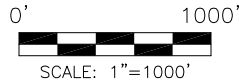


SECTION 16, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



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:

EQUATION:
MAGNETIC AZIMUTH=GRID AZIMUTH-08°23'24"
GEODETIC AZIMUTH=GRID AZIMUTH+00°32'28"

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=0.999728637
6. GPS Operator: M.W. PDOP < 3.0
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 S 00°33'42" E 11102.11' 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

SHEET 1 OF 3

PREPARED FOR:



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

Acklam, Inc.

DATE SURVEYED: 12/15/2014

DATE DRAFTED: 03/06/2015

DRAFTED BY: PAV	CHK BY: MAH
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JOB No. 14506

REVISÉ: 4/24/2015

WELL LOCATION CERTIFICATE

COOK 16C-28HZ

SURFACE 548' FSL 745' FEL SEC. 16
GROUND ELEVATION=4877.0'

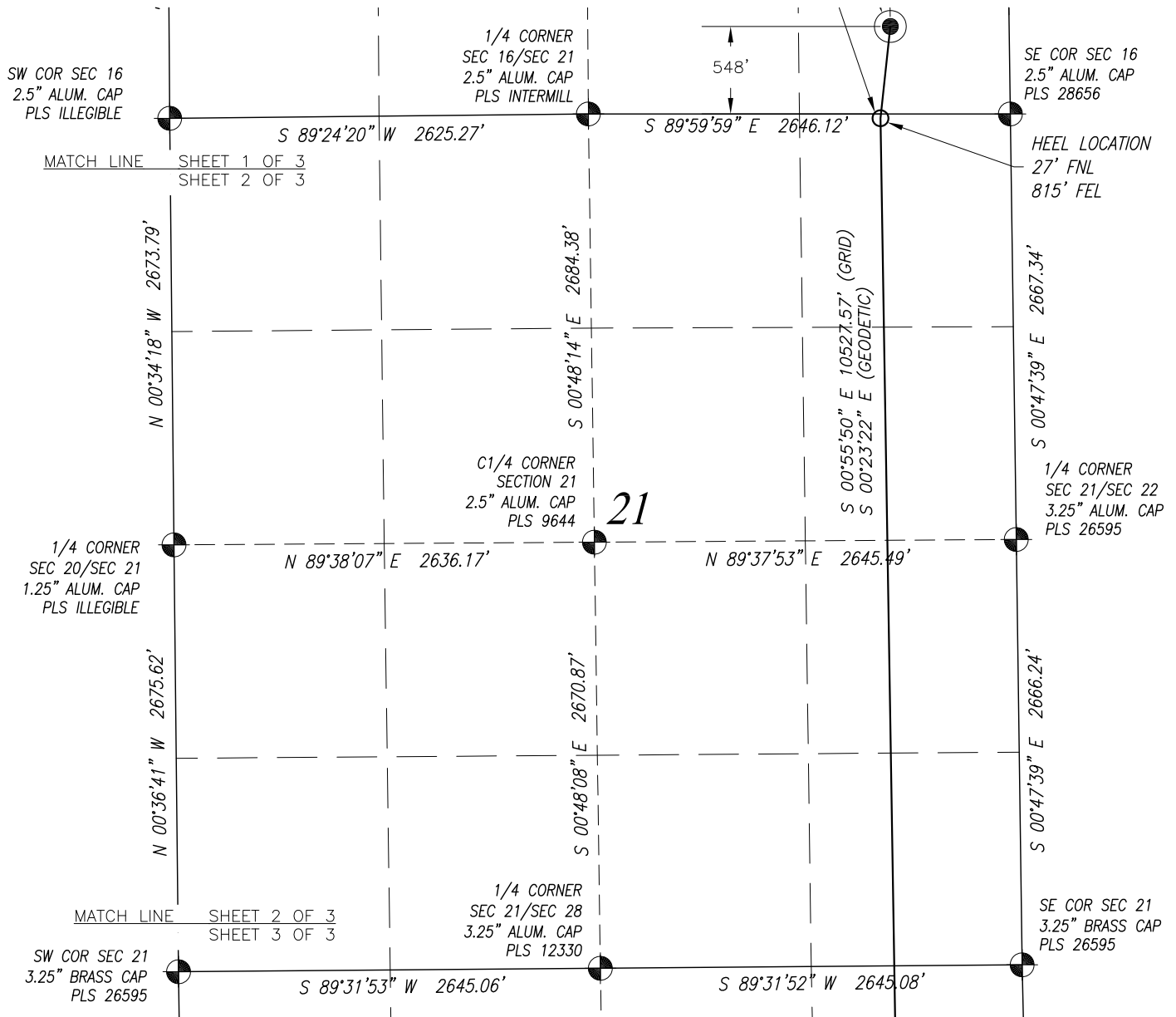
HEEL 27' FNL 815' FEL SEC. 21

BOTTOM 48' FSL 832' FEL SEC. 28

SE1/4 SE1/4

SECTION 16, T2N, R65W, 6TH PM
WELD COUNTY, COLORADO

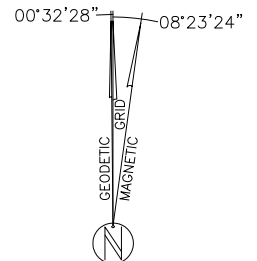
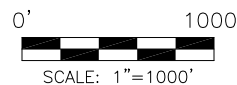
SECTION 21, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



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:

EQUATION:

MAGNETIC AZIMUTH=GRID AZIMUTH-08°23'24"
GEODETIC AZIMUTH=GRID AZIMUTH+00°32'28"

- 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=0.999728637
- GPS Operator: M.W. PDOP < 3.0
- 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 00°33'42" E 11102.11' 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 3

PREPARED FOR:

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

Acklam, Inc.

DATE SURVEYED: 12/15/2014

DATE DRAFTED: 03/06/2015

DRAFTED BY: PAV CHK BY: MAH

JOB No. 14506

REVISED: 4/24/2015

WELL LOCATION CERTIFICATE

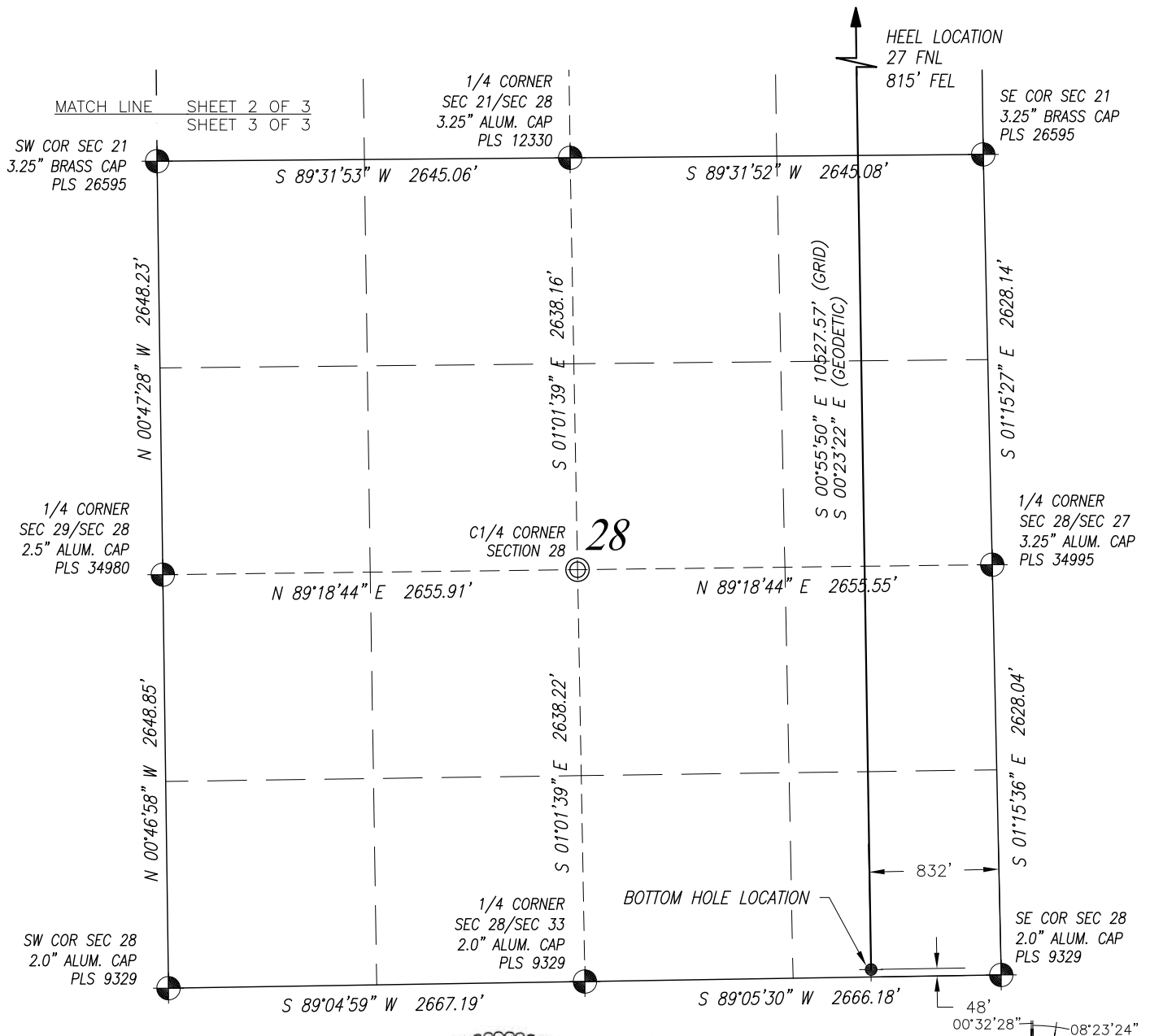
COOK 16C-28HZ

SURFACE 548' FSL 745' FEL SEC. 16
GROUND ELEVATION=4877.0'

HEEL 27' FNL 815' FEL SEC. 21
BOTTOM 48' FSL 832' FEL SEC. 28

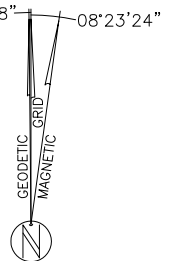
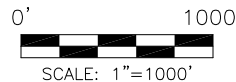
SE1/4 SE1/4
SECTION 16, T2N, R65W, 6TH PM
WELD COUNTY, COLORADO

SECTION 28, TOWNSHIP 2 NORTH, RANGE 65 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").
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PREPARED FOR:

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

Acklam, Inc.

DATE SURVEYED: 12/15/2014

DATE DRAFTED: 03/06/2015

DRAFTED BY: PAV CHK BY: MAH

JOB No. 14506

REVISED: 4/24/2015

WELL LOCATION CERTIFICATE

COOK 16C-28HZ

SURFACE 548' FSL 745' FEL SEC. 16
GROUND ELEVATION=4877.0'

HEEL 27' FNL 815' FEL SEC. 21
BOTTOM 48' FSL 832' FEL SEC. 28

SE1/4 SE1/4
SECTION 16, T2N, R65W, 6TH PM
WELD COUNTY, COLORADO

SHEET 3 OF 3