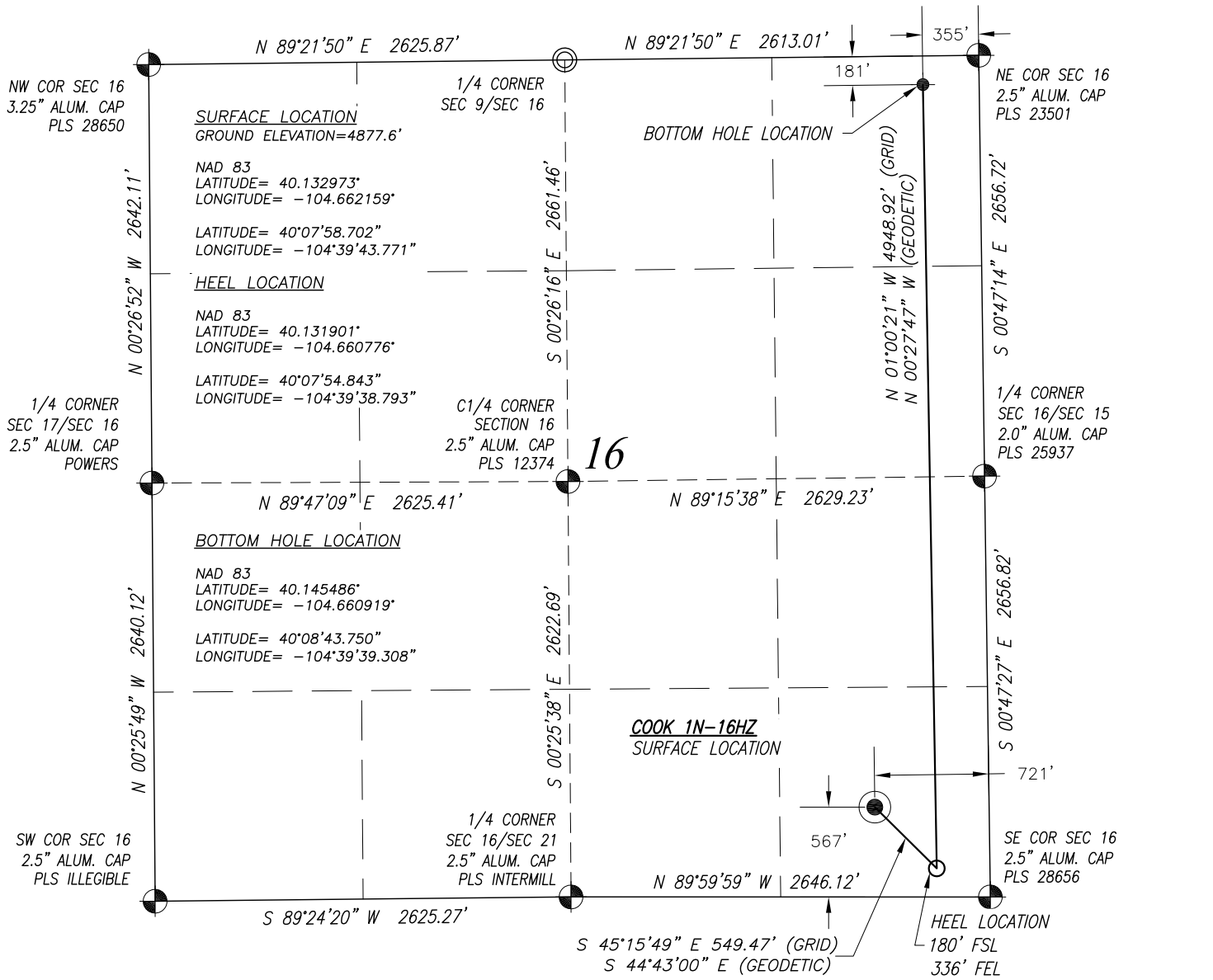
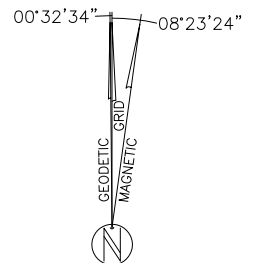


SECTION 16, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



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



EQUATION:
MAGNETIC AZIMUTH=GRID AZIMUTH-08°23'24"
GEODETIC AZIMUTH=GRID AZIMUTH+00°32'34"

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=0.999728637
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 N 03°48'22" E 4571.49' 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:

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: 4/23/2015

WELL LOCATION CERTIFICATE

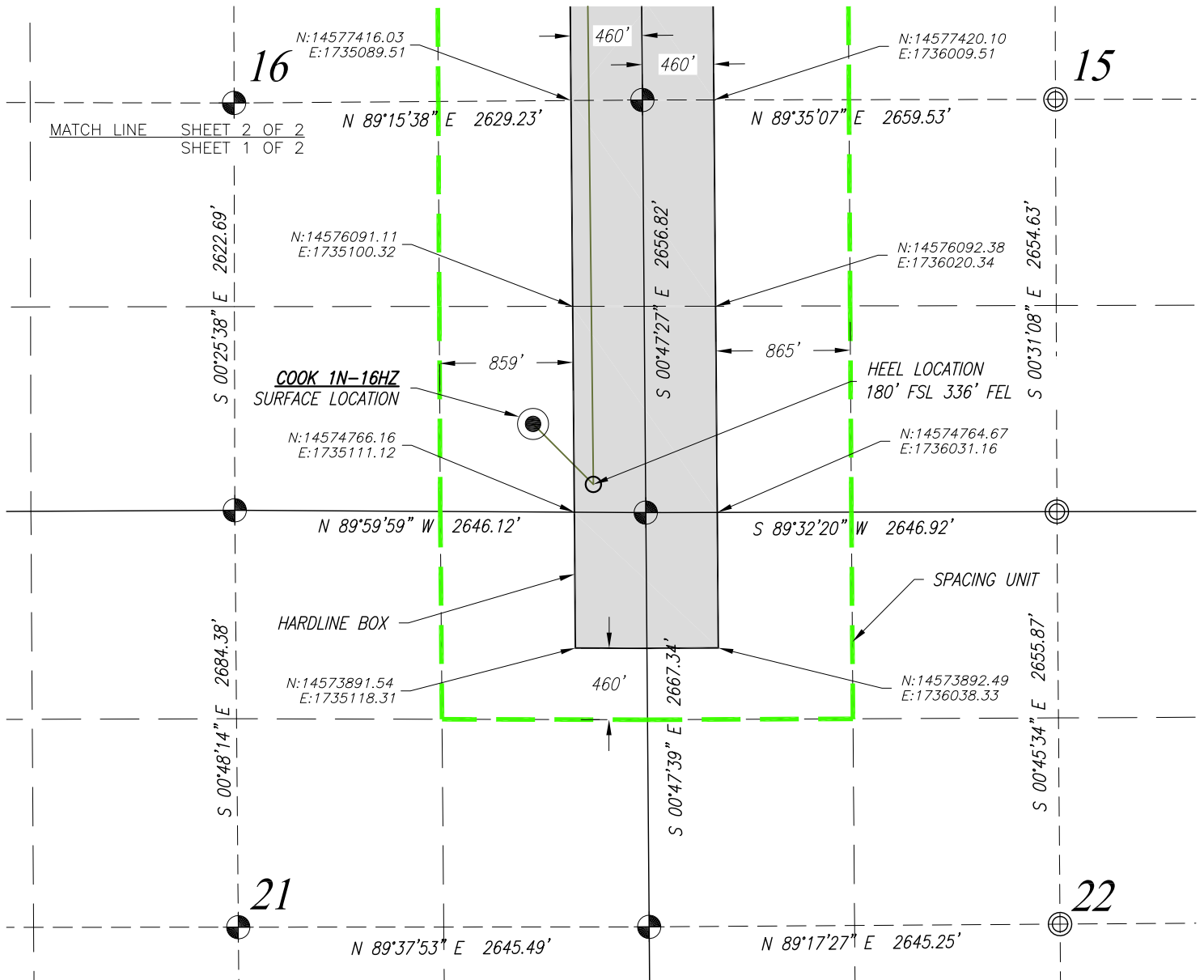
COOK 1N-16HZ

SURFACE 567' FSL 721' FEL SEC. 16
GROUND ELEVATION=4877.6'

HEEL 180' FSL 336' FEL SEC. 16
BOTTOM 181' FNL 355' FEL SEC. 16

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

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



HEEL LOCATION

N: 14,574,945.41'
E: 1,735,233.78'

LATITUDE= 40.131901°
LONGITUDE= -104.660776°

LATITUDE= 40°07'54.843"
LONGITUDE= -104°39'38.793"

BOTTOM HOLE LOCATION

N: 14,579,892.253'
E: 1,735,174.880'

NAD 83
LATITUDE= 40.145486°
LONGITUDE= -104.660919°

LATITUDE= 40°08'43.750"
LONGITUDE= -104°39'39.308"

NOTES:

1. Found Section Corner
2. Calculated Section Corner
3. Basis of Bearings: Colorado coordinate system 1983 north zone ("GRID")
4. Basis of Distances: GRID; Combined Factor=0.999728637
5. Basis of coordinates: UTM ZONE 13 NAD 83

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: 04/14/2015

DRAFTED BY: FWM CHK BY: MAH

JOB No. 14506

REVISED: 4/24/2015

SPACING UNIT EXHIBIT

COOK 1N-16HZ

SURFACE 567' FSL 721' FEL SEC. 16
GROUND ELEVATION=4877.6'

HEEL 180' FSL 336' FEL SEC. 16
BOTTOM 181' FNL 355' FEL SEC. 16

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

0' 1000'
SCALE: 1"=1000'



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