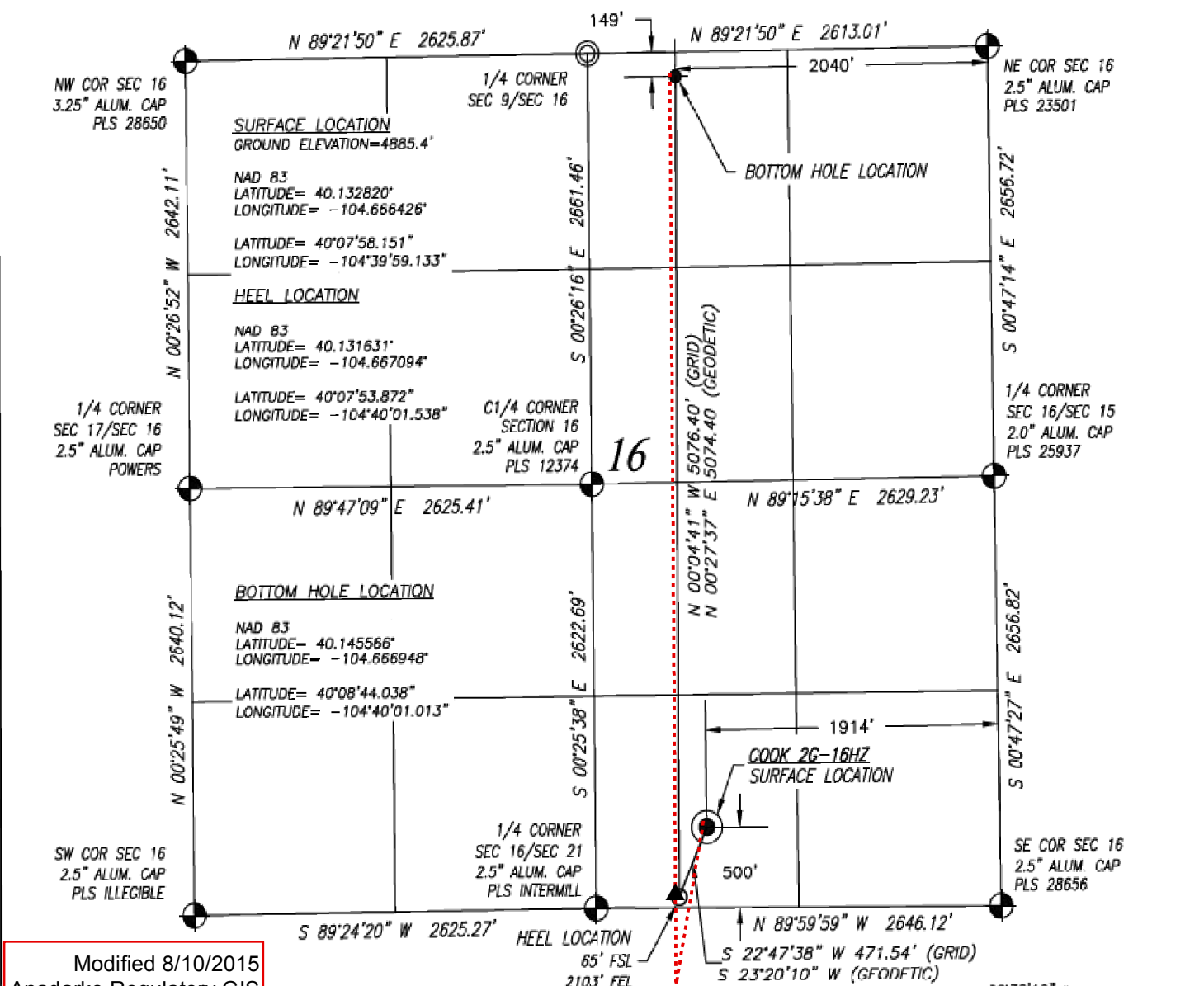


SECTION 16, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



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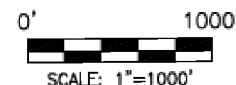
SURVEYOR'S CERTIFICATION:
I, hereby certify to KERR-McGEE OIL & GAS ONSHORE L.P., that this Well Location Certificate was prepared under my direct supervision and that the drawing accurately depicts the proposed location of the well.

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



--- PROPOSED WELL BORE

▲ PROPOSED HEEL



EQUATION:
MAGNETIC AZIMUTH=GRID AZIMUTH-08°23'24"
GEODETTIC AZIMUTH=GRID AZIMUTH+00°32'19"

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 02°20'21" W 4645.55' 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 1

PREPARED FOR:



Acklam, Inc.

DATE SURVEYED: 12/15/2014

DATE DRAFTED: 03/06/2015

DRAFTED BY: PAV CHK BY: MAH

JOB No. 14506 REVISED: 4/22/2015

WELL LOCATION CERTIFICATE

COOK 2G-16HZ

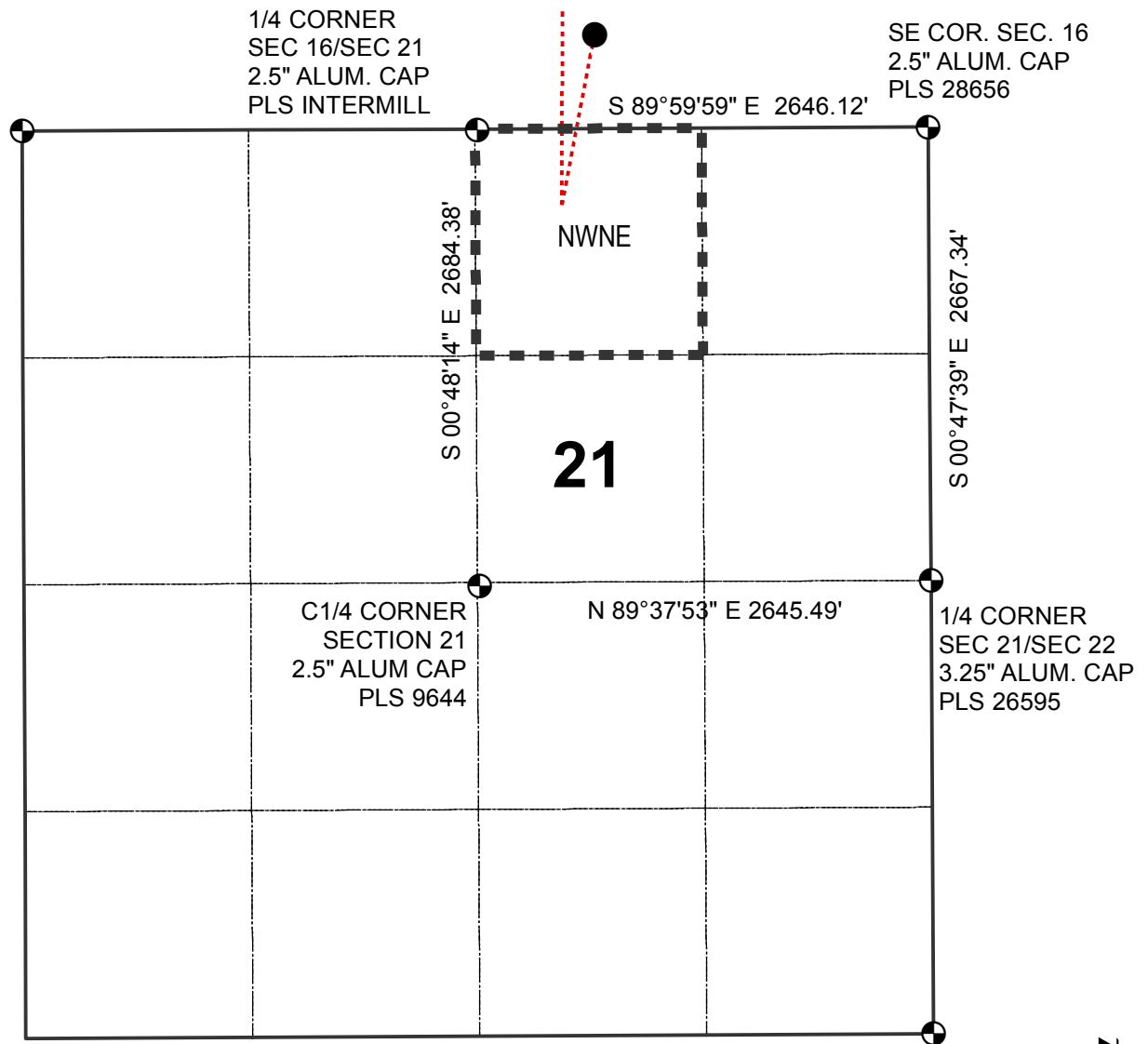
SURFACE 500' FSL 1914' FEL SEC. 16
GROUND ELEVATION=4885.4'

HEEL 65' FSL 2103' FEL SEC. 16
BOTTOM 149' FNL 2040' FEL SEC. 16

SW 1/4 SE 1/4
SECTION 16, T2N, R65W, 6TH PM
WELD COUNTY, COLORADO

PLAT ADDENDUM: COOK 2G-16HZ

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



LEGEND

- CALCULATED POSITION
- PROPOSED WELL
- ⊕ EXISTING MONUMENT
- BACK BUILD

0 500 1,000
Feet



Modified 8/10/2015
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KMJ
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