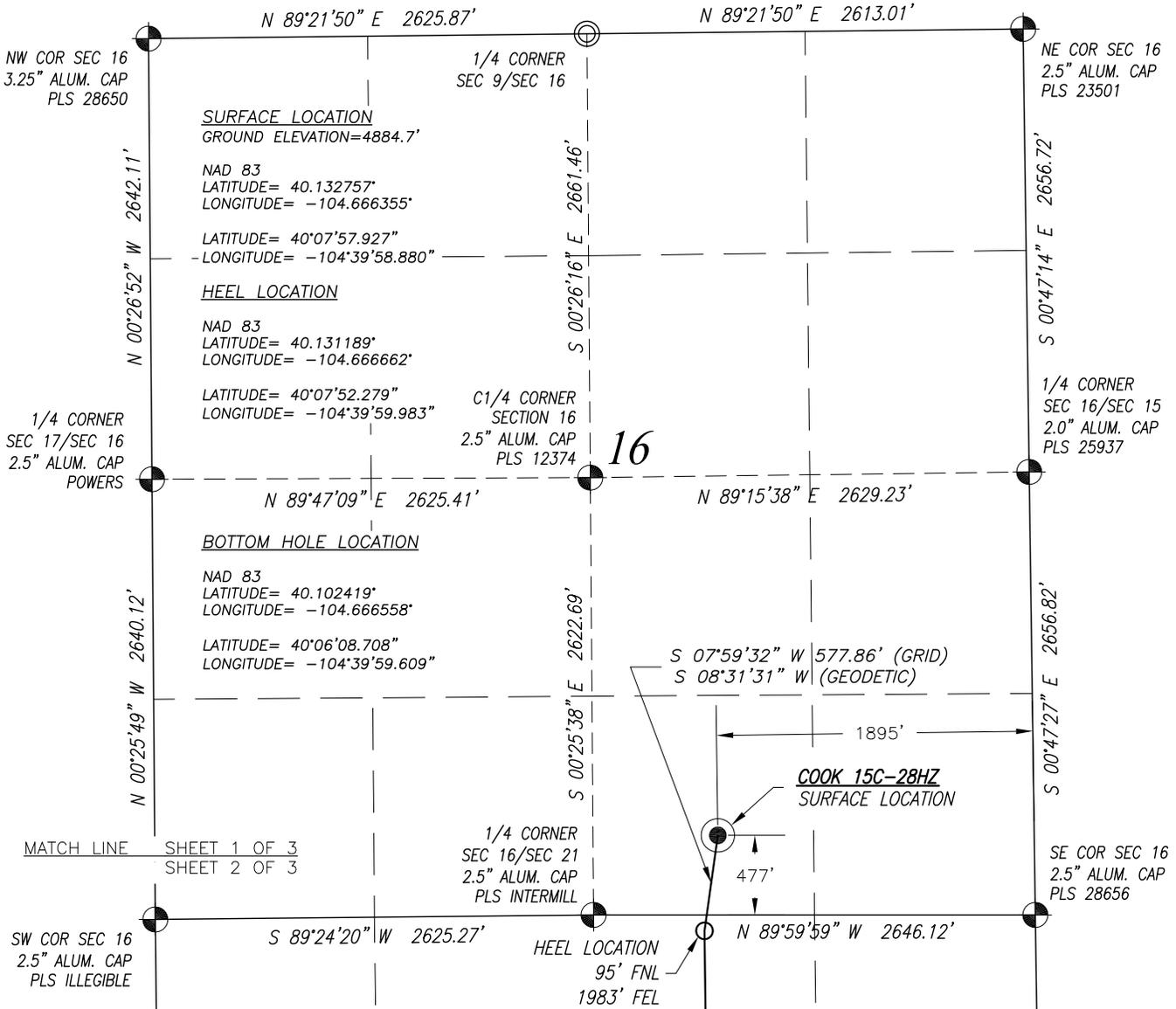
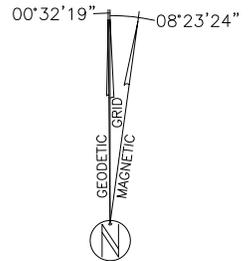
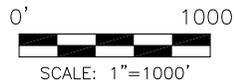


# SECTION 16, TOWNSHIP 2 NORTH, RANGE 65 WEST, 6TH P.M.



**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°32'19"

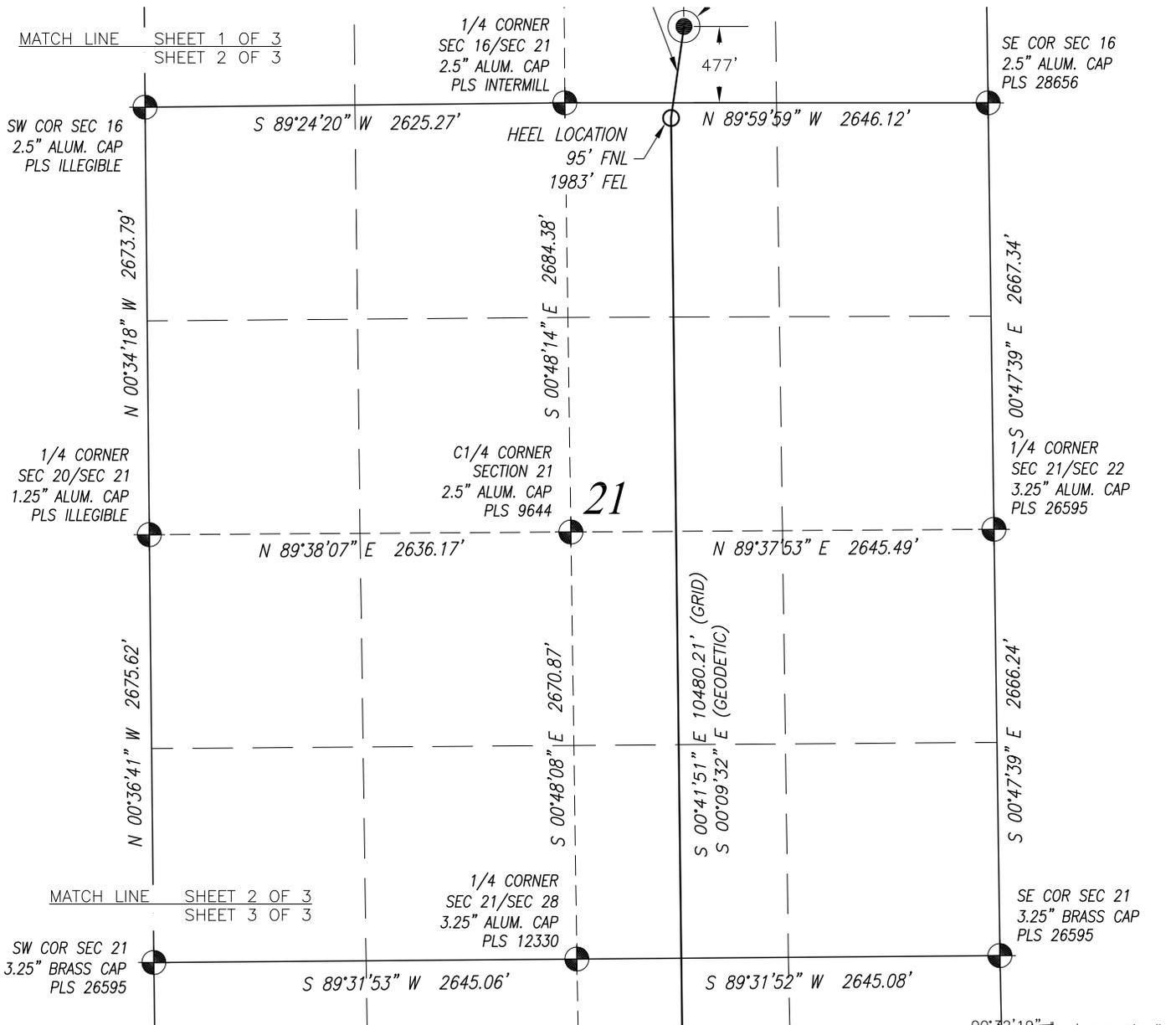
**NOTES:**

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 S 00°14'42" E 11051.78' 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.

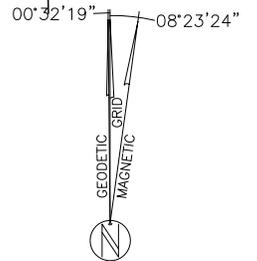
PREPARED FOR:   <b>Kerr-McGee Oil &amp; Gas Onshore L.P.</b> 1099 18th Street Denver, Colorado 80202	<b>WELL LOCATION CERTIFICATE</b>  <b>COOK 15C-28HZ</b> SURFACE 477' FSL 1895' FEL SEC. 16 GROUND ELEVATION=4884.7'  HEEL 95' FNL 1983' FEL SEC. 21 BOTTOM 46' FSL 2043' FEL SEC. 28  SW1/4 SE1/4 SECTION 16, T2N, R65W, 6TH PM WELD COUNTY, COLORADO
DATE SURVEYED: 12/15/2014 DATE DRAFTED: 03/06/2015 DRAFTED BY: PAV    CHK BY: MAH JOB No. 14506    REVISED: 4/27/2015	

# 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



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

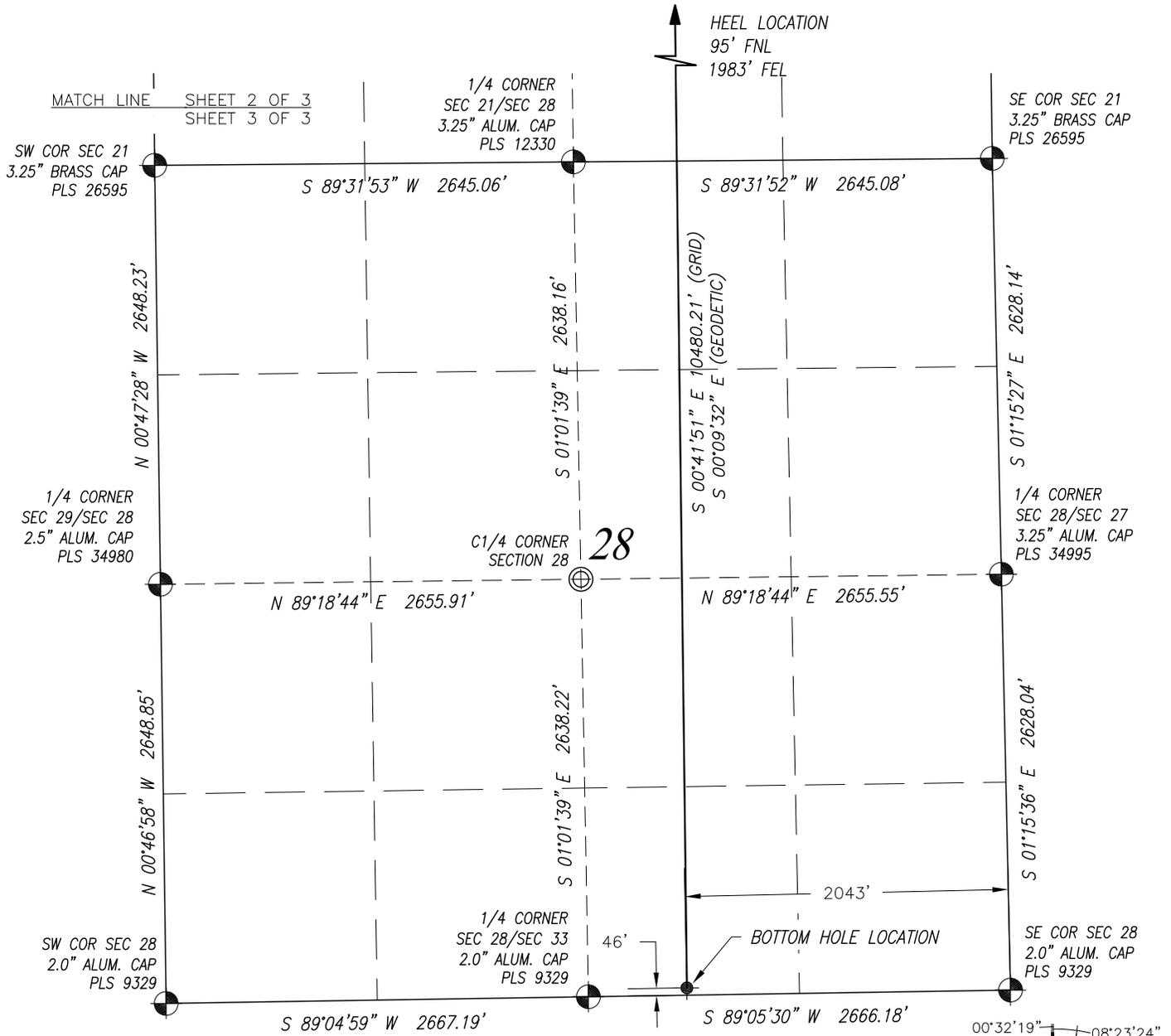
**NOTES:**

- 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=0.999728637
- 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°14'42" E 11051.78' 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.

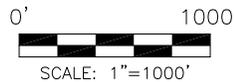
PREPARED FOR:   <b>Kerr-McGee Oil &amp; Gas Onshore L.P.</b> 1099 18th Street Denver, Colorado 80202	<b>WELL LOCATION CERTIFICATE</b>  <b>COOK 15C-28HZ</b> SURFACE 477' FSL 1895' FEL SEC. 16 GROUND ELEVATION=4884.7'  HEEL 95' FNL 1983' FEL SEC. 21 BOTTOM 46' FSL 2043' FEL SEC. 28  SW1/4 SE1/4 SECTION 16, T2N, R65W, 6TH PM WELD COUNTY, COLORADO
<b>Acklam, Inc.</b> DATE SURVEYED: 12/15/2014 DATE DRAFTED: 03/06/2015 DRAFTED BY: PAV    CHK BY: MAH JOB No. 14506    REVISED: 4/27/2015	

# 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



**EQUATION:**  
 MAGNETIC AZIMUTH=GRID AZIMUTH-08°23'24"  
 GEODETIC 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 S 00°14'42" E 11051.78' 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: 12/15/2014	
DATE DRAFTED: 03/06/2015	
DRAFTED BY: PAV	CHK BY: MAH
JOB No. 14506	REVISED: 4/27/2015

## WELL LOCATION CERTIFICATE

### COOK 15C-28HZ

**SURFACE** 477' FSL 1895' FEL SEC. 16  
**GROUND ELEVATION=4884.7'**

**HEEL** 95' FNL 1983' FEL SEC. 21  
**BOTTOM** 46' FSL 2043' FEL SEC. 28

**SW1/4 SE1/4**  
**SECTION 16, T2N, R65W, 6TH PM**  
**WELD COUNTY, COLORADO**