



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

January 14, 2016

Matt Lepore  
Director, Colorado Oil and Gas Conservation Commission  
Department of Natural Resources  
The Chancery Building  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A.e**  
KEOWN STATE 13N-3HZ (Doc No. 400897434)  
Township 2 North, Range 68 West  
Section 15: SWNW  
Unit Acreage: 560 acres  
Unit Spacing: Sec 3: SWSW  
                  Sec 4: SESE  
                  Sec 9: E2E2  
                  Sec 10: W2W2  
                  Sec 15: W2NW  
                  Sec 16: E2NE  
Weld County, Colorado

Dear Director Lepore:

Kerr-McGee Oil and Gas Onshore LP ("KMG") hereby certifies that a thirty (30) day notice has been given by certified mail to all mineral owners in the proposed wellbore spacing unit. We have not received any objections to such well location, proposed spacing unit, or additional producing formation. KMG hereby respectfully requests approval of this boundary well.

If you have any questions or issues regarding this permit, please contact our office.

Sincerely,

**Kerr-McGee Oil and Gas Onshore LP**

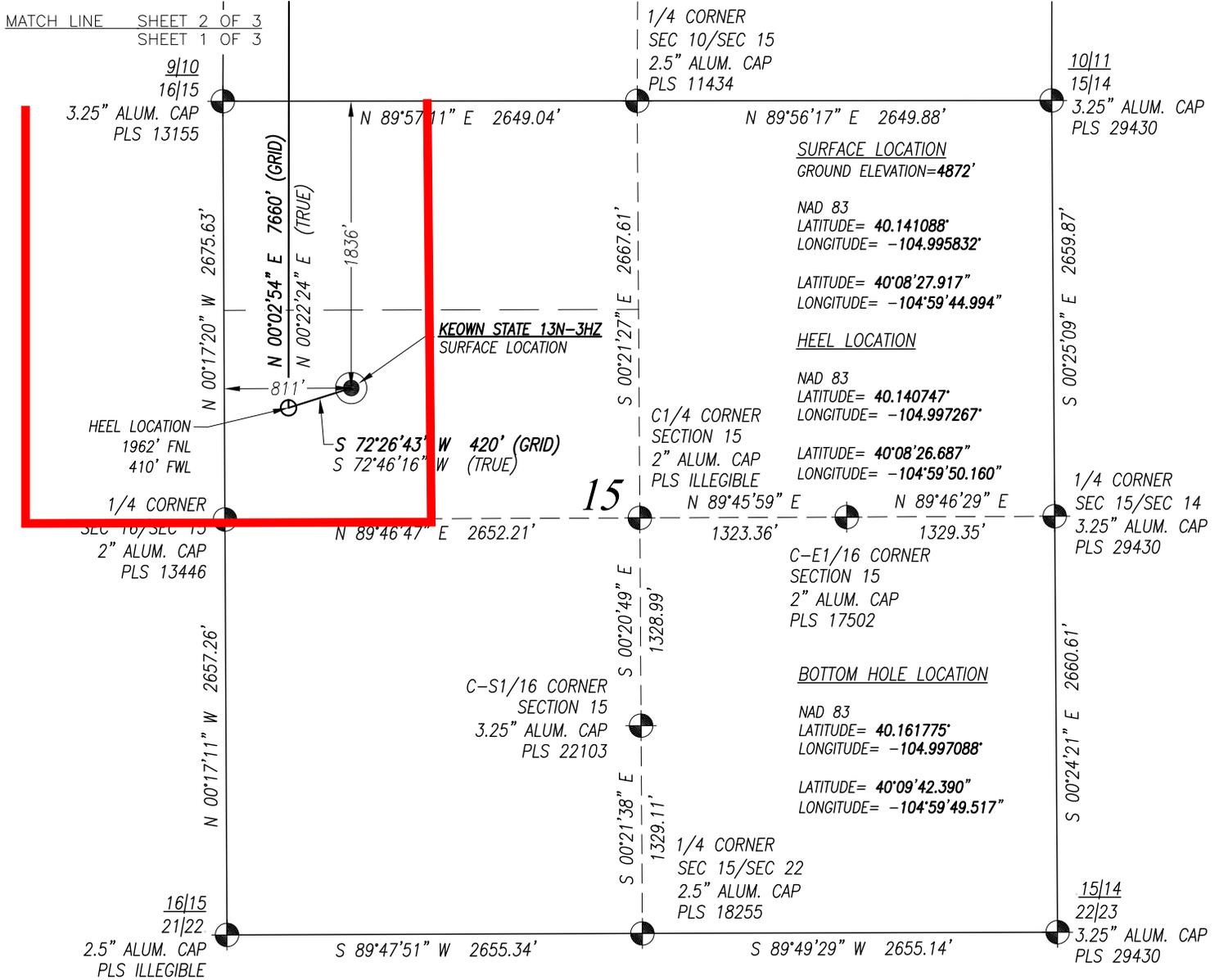
A handwritten signature in blue ink that reads "R Powers".

Ronett Powers  
Regulatory Analyst II

Enclosure

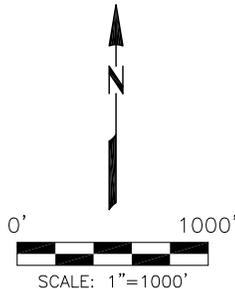
# WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

## 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:**

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 02°59'37" W 7544'** from the Surface Location.

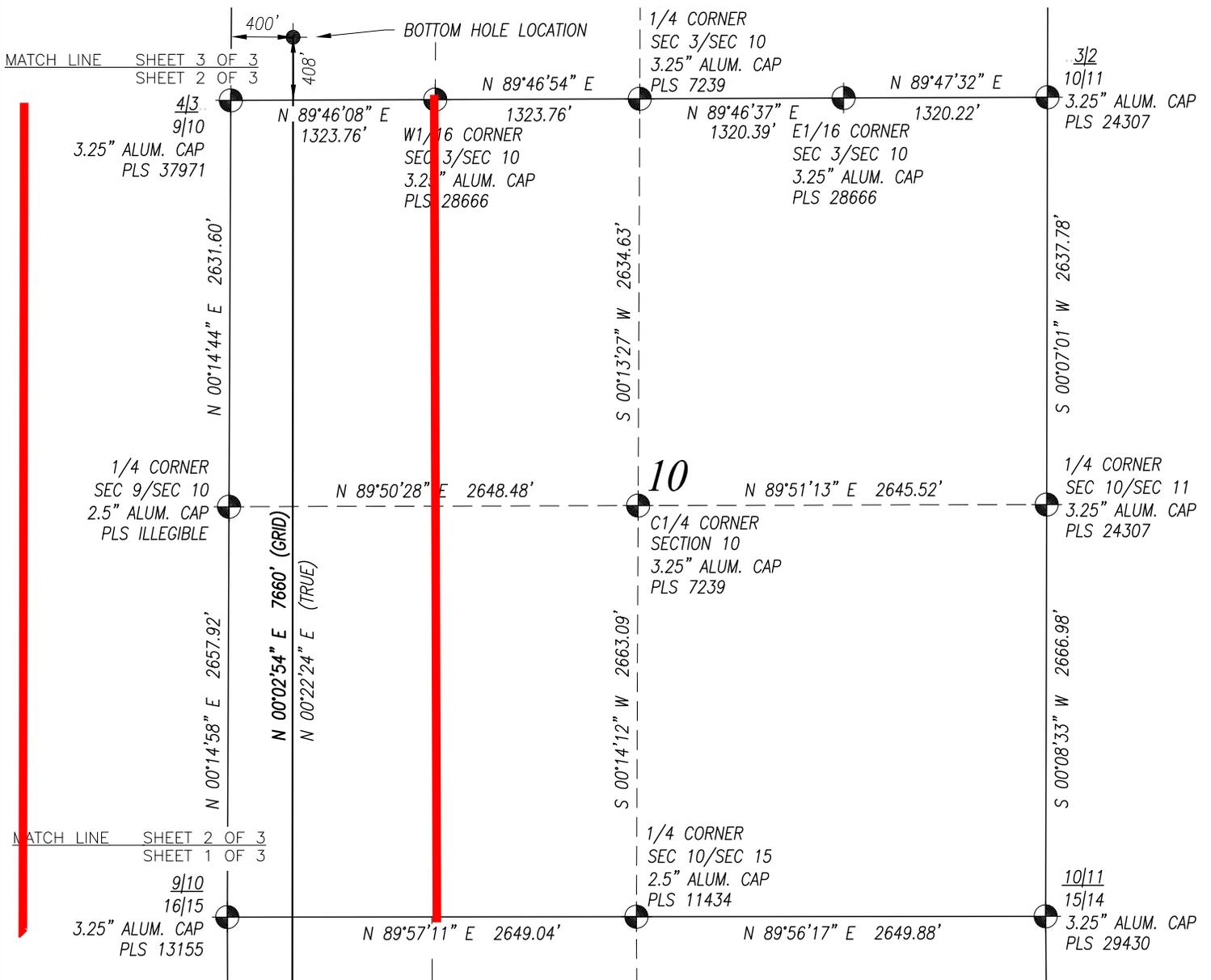
NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

|  |             |
|--|-------------|
| <br><b>Kerr-McGee Oil &amp; Gas Onshore L.P.</b><br>1099 18th Street<br>Denver, Colorado 80202 |             |
| <b>Acklam, Inc.</b>  |             |
| DATE SURVEYED: 06/22/2015  |             |
| DATE DRAFTED: 08/18/2015   |             |
| DRAFTED BY: SMF  | CHK BY: JMP |
| JOB No. 155000   | REVISED:    |

| WELL LOCATION CERTIFICATE     |  |
|-------------------------------|--|
| <b>KEOWN STATE 13N-3HZ</b>    |  |
| SURFACE                       | 1836' FNL 811' FWL SEC. 15<br>GROUND ELEVATION=4872' |
| HEEL                          | 1962' FNL 410' FWL SEC. 15                           |
| BOTTOM HOLE                   | 408' FSL 400' FWL SEC. 3                             |
| SW1/4 NW1/4                   |  |
| SECTION 15, T2N, R68W, 6TH PM |  |
| WELD COUNTY, COLORADO         |  |

# WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

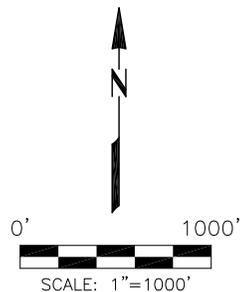
## SECTION 10, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



**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:**

1. Found Section Corner
2. Calculated Section Corner
3. Basis of Elevations: NAVD88 (GEOD12).
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 02°59'37" W 7544'** 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: 06/22/2015

DATE DRAFTED: 08/18/2015

DRAFTED BY: SMF    CHK BY: JMP

JOB No. 155000    REVISED:

### WELL LOCATION CERTIFICATE

#### KEOWN STATE 13N-3HZ

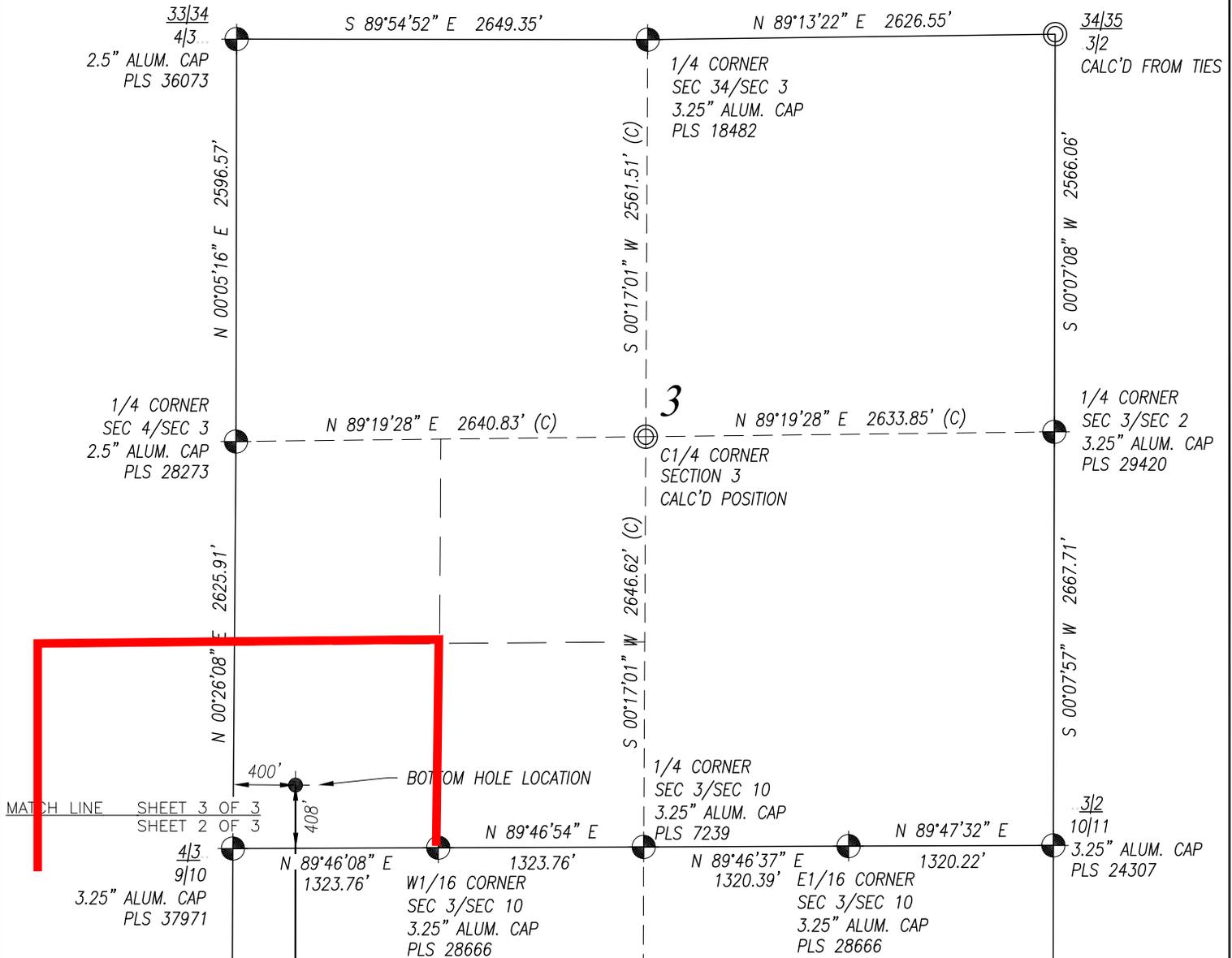
**SURFACE**      1836' FNL 811' FWL SEC. 15  
 GROUND ELEVATION=4872'

**HEEL**            1962' FNL 410' FWL SEC. 15  
**BOTTOM HOLE**   408' FSL 400' FWL SEC. 3

SW1/4 NW1/4  
 SECTION 15, T2N, R68W, 6TH PM  
 WELD COUNTY, COLORADO

# WELL LOCATION CERTIFICATE: KEOWN STATE 13N-3HZ

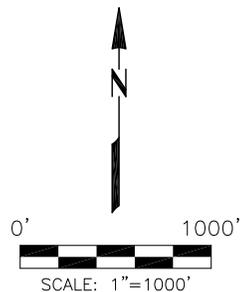
## SECTION 3, TOWNSHIP 2 NORTH, RANGE 68 WEST, 6TH P.M.



**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:**

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 02°59'37" W 7544'** 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

**Acklam, Inc.**

DATE SURVEYED: 06/22/2015

DATE DRAFTED: 08/18/2015

DRAFTED BY: SMF    CHK BY: JMP

JOB No. 155000    REVISED:

### WELL LOCATION CERTIFICATE

#### KEOWN STATE 13N-3HZ

**SURFACE**      1836' FNL 811' FWL SEC. 15  
 GROUND ELEVATION=4872'

**HEEL**            1962' FNL 410' FWL SEC. 15  
**BOTTOM HOLE**    408' FSL 400' FWL SEC. 3

SW1/4 NW1/4  
 SECTION 15, T2N, R68W, 6TH PM  
 WELD COUNTY, COLORADO