



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

February 26, 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**  
HILGERS 33N2-22HZ (Doc No. 400930116)  
Township 3 North, Range 68 West  
Section 22: SESE  
Unit Acreage: 400 acres  
Unit Spacing: 3N68W Sec 22: S2  
3N68W Sec 23: W2SW  
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**

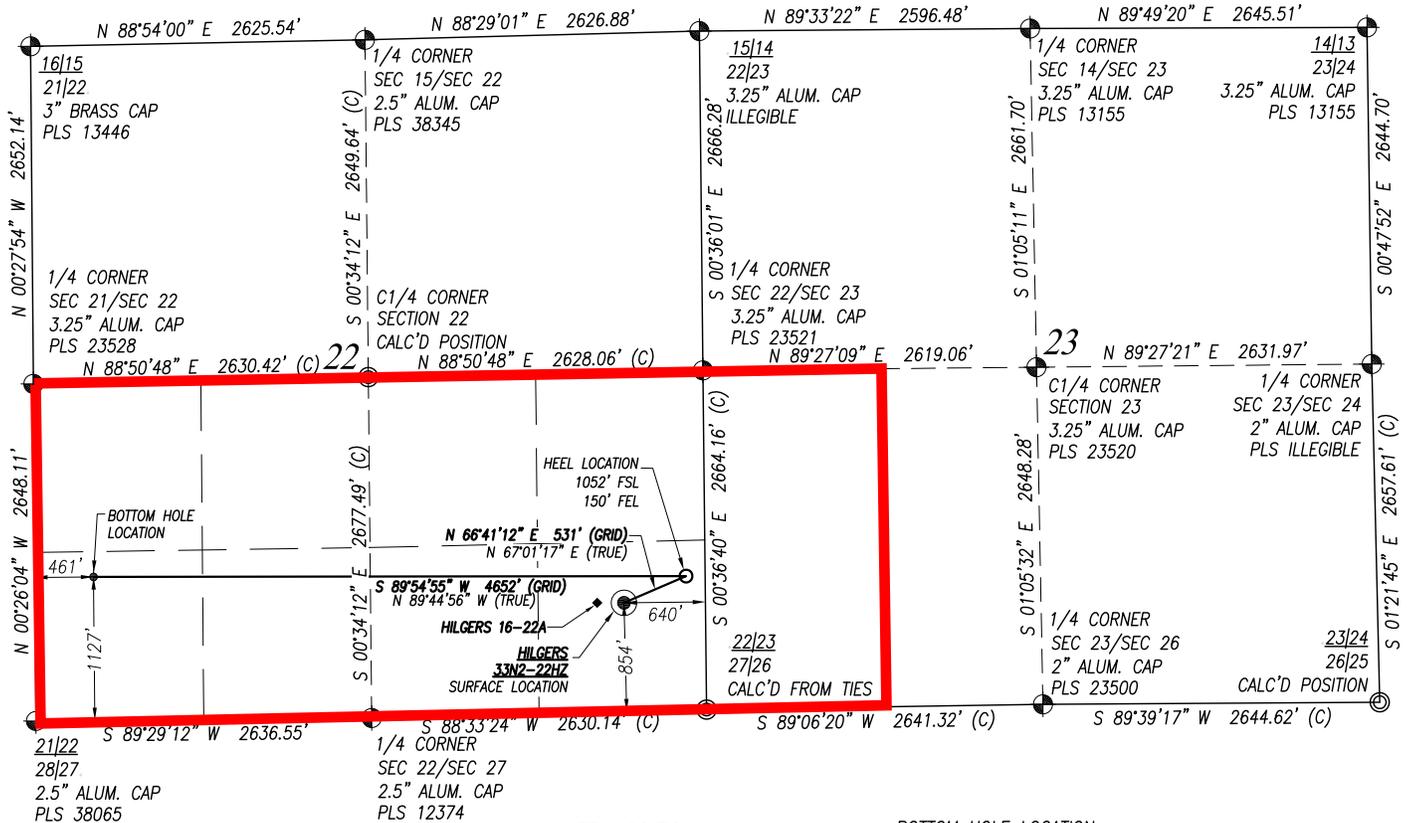
A handwritten signature in blue ink that reads "RPowers".

Ronett Powers  
Regulatory Analyst II

Enclosure

# WELL LOCATION CERTIFICATE: HILGERS 33N2-22HZ

## SECTION 22, TOWNSHIP 3 NORTH, RANGE 68 WEST, 6TH P.M.



**SURFACE LOCATION**  
GROUND ELEVATION=5000'

NAD 83  
LATITUDE= 40.206603°  
LONGITUDE= -104.981831°

LATITUDE= 40°12'23.772"  
LONGITUDE= -104°58'54.590"

**HEEL LOCATION**

NAD 83  
LATITUDE= 40.207172°  
LONGITUDE= -104.980081°

LATITUDE= 40°12'25.820"  
LONGITUDE= -104°58'48.292"

**BOTTOM HOLE LOCATION**

NAD 83  
LATITUDE= 40.207227°  
LONGITUDE= -104.996737°

LATITUDE= 40°12'26.017"  
LONGITUDE= -104°59'48.253"

**SURVEYOR'S CERTIFICATION:**

I, Mark A. Hall, a licensed professional land surveyor in the state of Colorado do hereby certify to **KERR-MCGEE OIL & GAS ONSHORE LP** that the survey and well location certificate shown hereon were done by me or under my direct supervision and that the drawing shown hereon accurately depicts the proposed location of the well. this certificate does not represent a land survey plat or improvement survey plat as defined by c.r.s. 38-51-102 and cannot be relied upon to determine ownership.

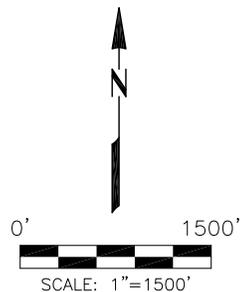


Mark A. Hall, PLS #36073  
FOR AND ON BEHALF OF ACKLAM, INC.  
195 Telluride Street Suite 7  
Brighton CO 80601

**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=0.999717864.
6. GPS Operator: **Jeff Hawkins** PDOP **2.1**
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 87°12'26" W 4170'** from the Surface Location.
10. Existing well Hilgers 16-22A bears **N 89°59'35" W 210'** 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:

### WELL LOCATION CERTIFICATE

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

**HILGERS 33N2-22HZ**  
SURFACE 854' FSL 640' FEL  
GROUND ELEVATION=5000'

HEEL 1052' FSL 150' FEL  
BOTTOM HOLE 1127' FSL 461' FWL

**Acklam, Inc.**

DATE SURVEYED: 06/25/2015  
DATE DRAFTED: 11/02/2015  
DRAFTED BY: SMF CHK BY: JAM  
JOB No. 155004 REVISED:

SE1/4 SE1/4  
SECTION 22, T3N, R68W, 6TH PM  
WELD COUNTY, COLORADO