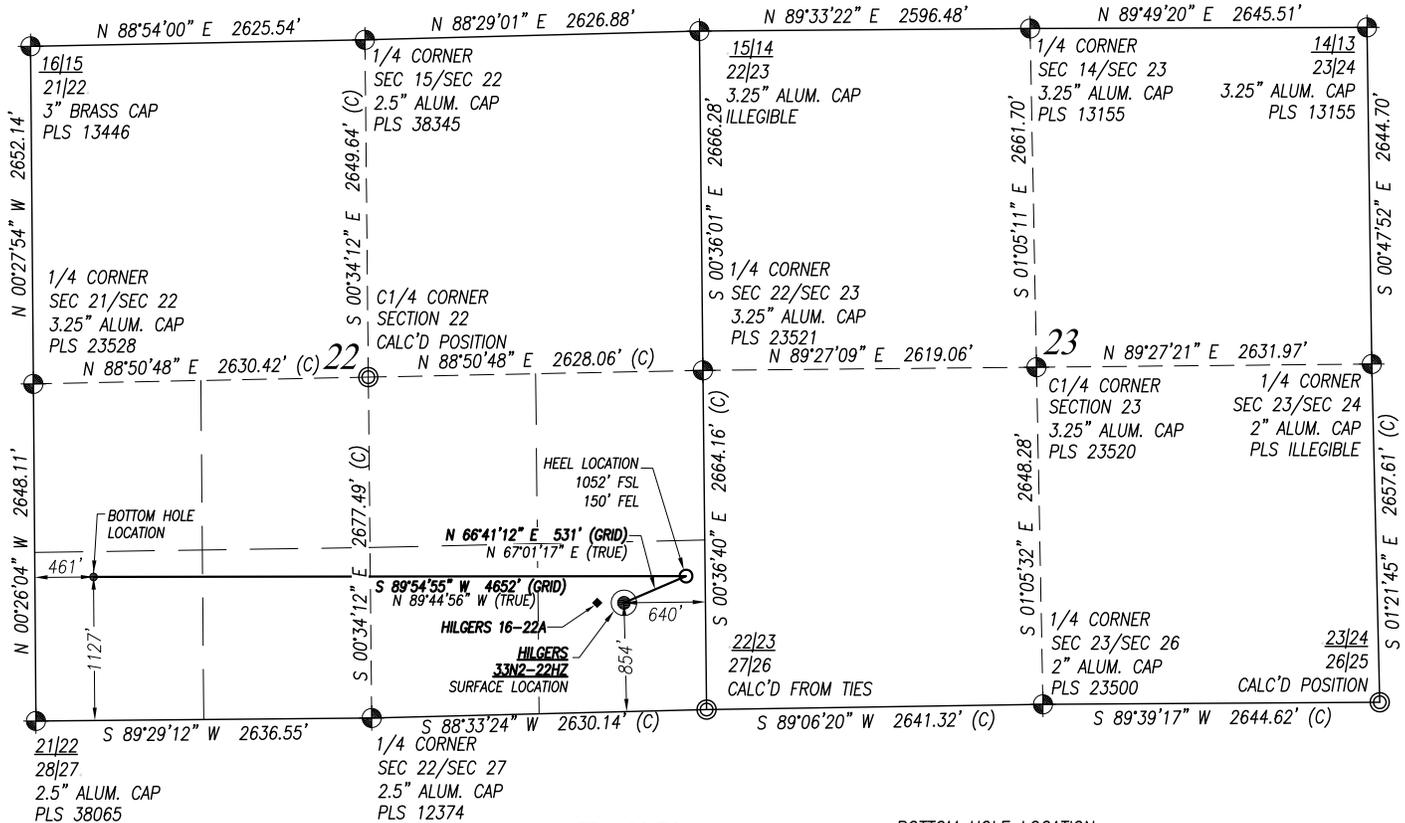


# WELL LOCATION CERTIFICATE: HILGERS 33N2-22HZ

## 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.

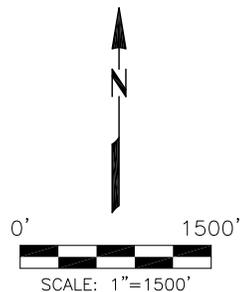


Mark A. Hall, PLS #36073  
FOR AND ON BEHALF OF ACKLAM, INC.  
195 Telluride Street Suite 7  
Brighton CO 80601

**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:   <b>Kerr-McGee Oil &amp; Gas Onshore L.P.</b> 1099 18th Street Denver, Colorado 80202	<h3 style="margin: 0;">WELL LOCATION CERTIFICATE</h3> <p style="margin: 5px 0;"><b>HILGERS 33N2-22HZ</b></p> <p style="margin: 5px 0;">SURFACE      854' FSL 640' FEL GROUND ELEVATION=5000'</p> <p style="margin: 5px 0;">HEEL            1052' FSL 150' FEL</p> <p style="margin: 5px 0;">BOTTOM HOLE   1127' FSL 461' FWL</p> <p style="margin: 5px 0;">SE1/4 SE1/4 SECTION 22, T3N, R68W, 6TH PM WELD COUNTY, COLORADO</p>
<p style="margin: 5px 0;"><b>Acklam, Inc.</b></p> <p style="margin: 5px 0;">DATE SURVEYED: 06/25/2015</p> <p style="margin: 5px 0;">DATE DRAFTED: 11/02/2015</p> <p style="margin: 5px 0;">DRAFTED BY: SMF    CHK BY: JAM</p> <p style="margin: 5px 0;">JOB No. 155004    REVISED:</p>	