



# 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 1, 2018

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**  
HENDU 23-4HZ (Doc No. 401504610)  
Township 2 North, Range 66 West  
Section 23: NENE  
Unit Acreage: 400 Acres  
Proposed Spacing Unit:  
    2N66W SEC. 13: S2N2, N2S2;  
    2N66W SEC. 14: SENE, NESE  
Weld County, Colorado

Dear Director Lepore:

Kerr McGee Oil and Gas Onshore LP (“KMG”) hereby certifies that KMG owns one hundred percent (100%) of the leasehold interest in the mineral rights in the proposed spacing unit. 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 black ink, appearing to read 'EH'.

Erin Hampe  
Regulatory Analyst

Enclosure

DISTANCE FROM COMPLETED  
PORTION OF WELLBORE TO  
NEAREST UNIT BOUNDARY=479'

# HENDU 23-4HZ WELLBORE SPACING UNIT

**SURFACE LOCATION NAD 83**  
GROUND ELEVATION = 5099.7'  
LATITUDE = 40.130219°  
LONGITUDE = -104.736914°  
**HEEL LOCATION NAD 83**  
LATITUDE = 40°07'48.787"  
LONGITUDE = -104°44'12.890"  
**BOTTOM HOLE LOCATION NAD 83**  
LATITUDE = 40.137464°  
LONGITUDE = -104.735622°  
**BOTTOM HOLE LOCATION NAD 83**  
LATITUDE = 40.137635°  
LONGITUDE = -104.717641°  
LATITUDE = 40°08'15.486"  
LONGITUDE = -104°43'03.508"



0 2000'  
Scale 1" = 2000' ft

**NOTES:**

1. INDICATES SECTION CORNER
2. INDICATES CALCULATED CORNER
3. (C) INDICATES CALCULATED DIMENSION
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. DRAWING N/E COORDINATES ARE BASED ON COLORADO STATE PLANE NORTH GRID (NAD 83). COMBINED SCALE FACTOR: 0.99971671

- PROPOSED WELL
- BOTTOM HOLE
- HEEL LOCATION

**WELL PAD – HENDU 23–7HZ**  
HENDU 23-4HZ  
WELLBORE SPACING UNIT  
293' FNL & 569' FEL MESE (SURFACE)  
LOCATED IN SECTION 23  
2343' FSL & 213' FEL MESE (HEEL)  
LOCATED IN SECTION 14  
2368' FSL & 479' FEL MESE (BOTTOM)  
LOCATED IN SECTION 13  
T2N, R56W, 6TH P.M.  
WELD COUNTY, COLORADO

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

DRAWN BY DAM	CHECKED BY AAD
INITIAL SUBMITTAL 12/15/2017	REVIEWED 12/20/2017
DRAWING SIZE 8.5" X 11"	JOB NO. ANAD266W23-01
SHEET 1 OF 1	

**BASELINE**  
Engineering · Planning · Surveying  
4007 S. LINCOLN AVENUE, SUITE 405 · LOVELAND, COLORADO 80537  
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M:\csc - Well Head - Etching\ANAD266W23-01 (HENDU) - WELL BORE SPACING UNITS.dwg, 12/20/2017 3:28:51 PM, Joyme Hobbin