



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000

March 19, 2018

Julie Murphy
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**
COWBOY 21-1HZ (Doc #401542205)
Township 2 North, Range 67 West
Section 21: SENE
Unit Acreage: 640
Unit Spacing: 02N-67W – Sec 9: SESW, SWSE;
02N-67W – Sec 16: E2W2, W2E2;
02N-67W – Sec 21: E2NW, W2NE, NESW, NWSE
Weld County, Colorado

Dear Director Murphy:

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 there are any questions or issues regarding this permit, please contact Lisa Schindler at (720) 929-3091.

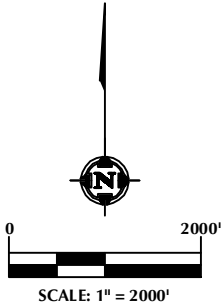
Regards,

KERR-McGEE OIL AND GAS ONSHORE LP

A handwritten signature in black ink, appearing to read 'Lisa Schindler', with a long horizontal line extending to the right.
Lisa Schindler
Sr. Regulatory Analyst

DISTANCE FROM COMPLETED
PORTION OF WELLBORE TO
NEAREST UNIT BOUNDARY= 1040'

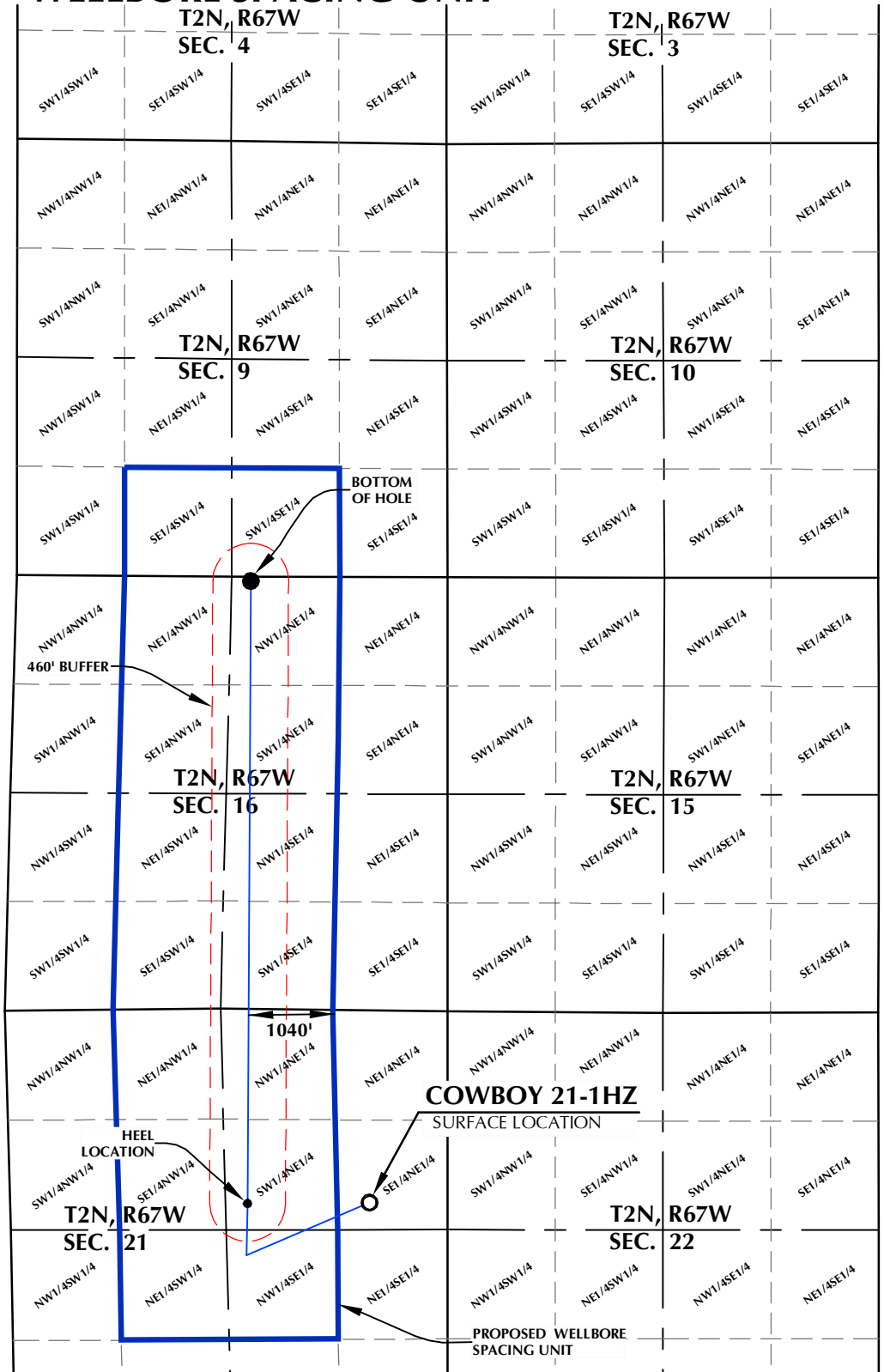
COWBOY 21-1HZ WELLBORE SPACING UNIT



SURFACE LOCATION: NAD 83
GROUND ELEVATION= 5041.4'
LATITUDE= 40.124676°
LONGITUDE= -104.889521°
LATITUDE= 40°07'28.833"
LONGITUDE= -104°53'22.277"
HEEL LOCATION: NAD 83
LATITUDE= 40.124673°
LONGITUDE= -104.894819°
LATITUDE= 40°07'28.824"
LONGITUDE= -104°53'41.350"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.145404°
LONGITUDE= -104.894497°
LATITUDE= 40°08'43.454"
LONGITUDE= -104°53'40.189"

NOTES:

1. DRAWING LATITUDE AND LONGITUDE COORDINATES ARE NAD 83 (2011)(EPOCH:2010).
2. ELEVATION BASED ON NAVD88 (GEOID12B).
3. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
4. ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972306 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 21, T2N, R67W.



WELL PAD - COWBOY 21-4HZ

COWBOY 21-1HZ
WELLBORE SPACING UNIT
2335' FNL & 946' FEL SENE (SURFACE)
2365' FNL & 2428' FEL SWNE (HEEL)
LOCATED IN SECTION 21
52' FNL & 2389' FEL NWNE (BOTTOM)
LOCATED IN SECTION 16
T2N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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



CONSULTING, LLC

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Sheridan, Wyoming 82801
Phone 307-674-0609

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Loveland, Colorado 80538
Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	RKF
DATE DRAFTED:	1/24/18	DATE SURVEYED:	11/17/17
REVISED:		FILE NAME:	13-89