



November 20, 2012

Department of Natural Resources  
Oil and Gas Conservation Commission  
The Chancery Building  
1120 Lincoln St., Suite 801  
Denver, CO 80203

Re: **30 Day Certification Letter - 318A-e**  
**MAVERICK 28N-13HZ**  
Township 3 North, Range 66 West, Section 13: SW/4SE/4  
Unit Spacing: 03N-66W-Sec 13 E/2W/2; W/2E/2  
Weld County, Colorado

Ladies/Gentlemen:

Kerr McGee Oil and Gas Onshore LP ("KMG") hereby certify to the Director that KMG owns one-hundred percent (100%) of the mineral rights in the proposed spacing unit. Therefore, KMG respectfully requests the Director to approve the boundary well.

If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in black ink, appearing to read 'Rebecca Heim'.

**Rebecca Heim**  
**Regulatory Analyst II**

# PROPOSED SPACING UNIT

## T3N, R66W

NW. COR.  
SEC. 13, T3N, R66W  
FOUND BRASS CAP  
STAMPED "NHPQ"  
NUMBER ILLEGIBLE

NE. COR.  
SEC. 13, T3N, R66W  
FOUND ALUM. CAP  
L.S. NO. 33642

W. 1/4 COR.  
SEC. 13, T3N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 12330

E. 1/4 COR.  
SEC. 13, T3N, R66W  
FOUND 3 1/2" ALUM. CAP  
L.S. NO. 10372

SE. COR.  
SEC. 13, T3N, R66W  
FOUND 3 1/2" ALUM. CAP  
L.S. NO. 12330

SW. COR.  
SEC. 13, T3N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 4392

S 88°17'30" W 5322.03' (M)

2625'

1295'

460'

BOTTOM  
OF HOLE

859'

2178'

13

MAVERICK 28N-13HZ

UNGRADED ELEV= 5059.5'  
SURFACE LOCATION

SURFACE LOCATION

NAD 83  
STPC (CO NORTH)  
N: 1,323,535'  
E: 3,216,857'  
Lat: 40.218893°N  
(40° 13' 08.016"N)  
Lon: 104.723433°W  
(104° 43' 24.358"W)

BOTTOM HOLE

NAD 83  
STPC (CO NORTH)  
N: 1,328,027'  
E: 3,216,265'  
Lat: 40.231240°N  
(40° 13' 52.463"N)  
Lon: 104.725411°W  
(104° 43' 31.480"W)

N 07°30'13" W 4531' GRID  
N 07°00'07" W TRUE  
N 16°12'13" W MAGNETIC

2145'

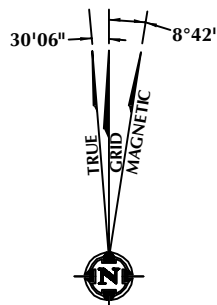
S 88°27'23" W 5307.82' (M)

### CERTIFICATE OF SURVEYOR:

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 48305  
5/4/12

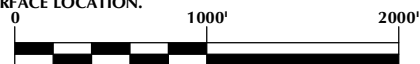
NOTICE:  
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION SHOWN HEREON.



NOTE:  
MAGNETIC NORTH IS CURRENT AS OF 5/1/2012.  
MAGNETIC NORTH CHANGES WEST 0°08' PER YEAR.

### NOTES:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972118
- OPERATOR: ROB WILSON / PDOP = 1.6
- SURFACE USE OF LOCATION IS RANGELAND.
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 400' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS N07°30'13"W 4531' FROM THE SURFACE LOCATION.



### WELL PAD - MAVERICK 2C-13HZ SWSE

MAVERICK 28N-13HZ  
WELL LOCATION CERTIFICATE  
303' FSL & 2145' FEL SWSE (SURFACE)  
460' FNL & 2625' FWL NENW (BOTTOM)  
LOCATED IN SECTION 13  
T3N, R66W, 6TH P.M.  
WELD COUNTY, COLORADO

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



### CONSULTING, LLC

2155 North Main Street  
Sheridan, Wyoming 82801  
Phone 307-674-0609  
Fax 307-674-0182

DRAFTED BY:	APF	CHECKED BY:	BJR
DATE DRAFTED:	5/4/12	DATE SURVEYED:	4/18/12
REVISED:		FILE NAME:	12-29