



Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

August 4, 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**
HIGHLANDS 38N-16HZ (Doc No. 401072936)
Township 1 North, Range 66 West
Section 9: NE/4NE/4
Unit Acreage: 560 acres
Unit Spacing: 1N-66W-SEC 9: E/2E/2
1N-66W-SEC 10: W/2W/2
1N-66W-SEC 15: W/2NW/4; NW/4SW/4
1N-66W-SEC 16: E/2NE/4; NE/4SE/4
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 'Cheryl Light'.

Cheryl Light
Senior Regulatory Analyst

Enclosure

PROPOSED SPACING UNIT

T1N, R66W

NW. COR.
SEC. 9, T1N, R66W
FOUND 2 1/2" ALUM. CAP
ILLEGIBLE

S 89°14'02" W 2651.03' (M)

N. 1/4 COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

S 89°00'20" W
1325.34' (M)

E. 1/16 COR.
SEC. 4 & SEC. 9
T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

S 88°59'19" W
1325.59' (M)

NE. COR.
SEC. 9, T1N, R66W
FOUND 2" ALUM. CAP
ILLEGIBLE

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4997.9'
LATITUDE= 40.071994°
LONGITUDE= -104.776459°
LATITUDE= 40°04'19.177"
LONGITUDE= -104°46'35.253"
HEEL LOCATION: NAD 83
LATITUDE= 40.069471°
LONGITUDE= -104.773085°
LATITUDE= 40°04'10.097"
LONGITUDE= -104°46'23.106"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.051410°
LONGITUDE= -104.773098°
LATITUDE= 40°03'05.076"
LONGITUDE= -104°46'23.153"

HIGHLANDS
38N-16HZ
SURFACE LOCATION

372'
1037'
1300'
93'
HEEL LOCATION

N. 1/16 COR.
SEC. 9 & SEC. 10
T1N, R66W
SET 2 1/2" ALUM. CAP
P.L.S. NO. 38512

N 00°28'15" W
1342.84' (M)
N 00°28'13" W
1341.61' (M)

CENTER 1/4 COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 38046

S 89°35'15" W
2641.94' (M)

S 89°35'39" W
2644.75' (M)

W. 1/4 COR.
SEC. 9, T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°47'43" W
1320.25' (M)

N 00°36'52" W
2656.84' (M)
N 00°36'41" W
1307.82' (M)

CS. 1/16 COR.
SEC. 9, T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38046

S 89°03'21" W
1318.84' (M)
SW. 1/16 COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
W.C. 25' NORTH
L.S. NO. 30086

S 00°26'16" E 6579' GRID
S 00°01'47" W TRUE
S 08°22'16" E MAGNETIC

E. 1/4 COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 34995

N 00°28'42" W
1293.35' (M)

S. 1/16 COR.
SEC. 9 & SEC. 10
T1N, R66W
FOUND 2 1/2" ALUM. CAP
L.S. NO. 38046

N 00°28'54" W
1293.26' (M)

SE. COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 30086

S. 1/16 COR.
SEC. 9 & SEC. 8
T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

N 00°47'58" W
1320.78' (M)

SW. COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
ILLEGIBLE

S 89°01'56" W 2633.46' (M)

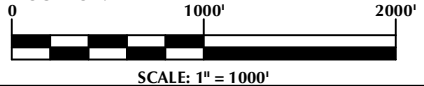
S 88°58'05" W 2638.21' (M)

S. 1/4 COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 30086

MATCH LINE
SEE SHEET 2

NOTES:

- ▲ INDICATES SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
- ALL MEASURED DISTANCES ARE GRID.
COMBINED SCALE FACTOR: .99972674 CALCULATED FROM THE N. 1/4 CORNER OF SECTION 9, T1N, R66W
OPERATOR: ROB WILSON / PDOP = 1.2
- SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
- WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
- THE BOTTOM OF HOLE BEARS S00°26'16"E, 6579' FROM THE HEEL LOCATION.

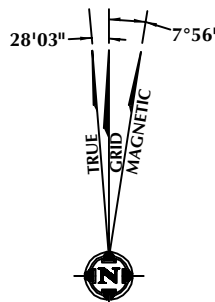


CERTIFICATE OF SURVEYOR:

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.R.S. 38-51-302 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

Randall K. French
RANDALL K. FRENCH
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38512

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.



WELL PAD - HIGHLANDS 27C-33HZ

HIGHLANDS 38N-16HZ
WELL LOCATION CERTIFICATE
372' FNL & 1037' FEL NENE (SURFACE)
1300' FNL & 93' FEL NENE (HEEL)
LOCATED IN SECTION 9
2608' FNL & 97' FEL SENE (BOTTOM)
LOCATED IN SECTION 16
T1N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

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



CONSULTING, LLC

SHERIDAN OFFICE
1095 Saberton Avenue
Sheridan, Wyoming 82801
Phone 307-674-0609

LOVELAND OFFICE
1635 Foxtrail Drive, Suite 204
Loveland, Colorado 80538
Phone 970-776-4331

DRAFTED BY:	LMO	CHECKED BY:	RKF	SHEET NO:
DATE DRAFTED:	6/19/15	DATE SURVEYED:	3/13/15	1
REVISED:	6/23/16	FILE NAME:	14-116	1 OF 2

