



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

1099 18<sup>th</sup> Street  
Denver, CO 80202  
720-929-6000

October 19, 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**  
WHISTON 16N-33HZ (Doc # 401119721)  
Township 2 North, Range 67 West  
Section 4: SWNE  
Unit Acreage: 240  
Unit Spacing: 02N 67W-Sec 4: E2NE, NESE  
03N 67W-Sec 33: E2SE, SENE  
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 me at (720) 929-6907.

Sincerely,

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

A handwritten signature in black ink that reads 'Shayelyn Marshall'.

Shayelyn Marshall  
Regulatory Analyst I

## PROPOSED SPACING UNIT

**T2N, R67W**

**MATCH LINE  
SEE SHEET 2**

NW. COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38305

**N 89°36'44" W 2604.76' (M)**

N. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

**N 88°54'10" W 2606.19' (M)**

NE. COR.  
SEC. 4, T2N, R67W  
FOUND 2" ALUM. CAP  
ILLEGIBLE

N 00°00'11" W 2805.04' (M)

NO. 2

$$\frac{N\ 00^{\circ}06'06''\ E}{2816.81' (M)}$$

2590'

No. 2

N 01°32'23" E 5402' GRID  
N 01°55'58" E TRUE  
N 06°26'37" W MAGNETIC

N 00°03'44" E 2797.26' (M)

**NO. 1 WHISTON 16N-33HZ**  
SURFACE LOCATION

4

W. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2" ALUM. CAP  
P.L.S. NO. 23500

N 89°21'08" W  
2599.72' (M)

CENTER 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2" ALUM. CAP  
P.L.S. NO. 23500

~~N 89°19'58" W~~  
~~2607.85' (M)~~

E. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 11372

**SURFACE LOCATION: NAD 83**  
**GROUND ELEVATION= 4905.6<sup>1</sup>**  
**LATITUDE= 40.167849°**  
**LONGITUDE= -104.891558°**  
**LATITUDE= 40°10'04.256"**  
**LONGITUDE= -104°53'29.608"**  
**HEEL LOCATION: NAD 83** \_\_\_\_\_  
**LATITUDE= 40.167302°**  
**LONGITUDE= -104.888520°**  
**LATITUDE= 40°10'02.287"**  
**LONGITUDE= -104°53'18.671"**  
**BOTTOM HOLE LOCATION: NAD 83**  
**LATITUDE= 40.182124°**  
**LONGITUDE= -104.887867°**  
**LATITUDE= 40°10'55.646"**  
**LONGITUDE= -104°53'16.321"**

N 00°05'06" E  
2635.36' (M)

S. 1/4 COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 28656

E. 1/16 COR.  
SEC. 4 & SEC. 9  
T2N, R67W  
FOUND 2<sup>nd</sup> ALUM. CAP  
P.L.S. NO. 20673

SE. COR.  
SEC. 4, T2N, R67W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

**CERTIFICATE OF SURVEYOR:**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTS OF 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. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER

**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.

**NOTES:**

1. ▲ INDICATES SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID12B)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.  
COMBINED SCALE FACTOR: .99972753 CALCULATED FROM THE W. 1/4 CORNER OF SECTION 4, T2N, R67W
6. OPERATOR: ROB WILSON / PDOP = 1.6
7. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
8. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
9. THE BOTTOM OF HOLE BEARS N01°32'23"E, 5402' FROM THE HEEL LOCATION.
10. NO. 1 & NO. 2 AS SHOWN HEREON ARE GOVERNMENT LOTS 1 & 2 PER THE ORIGINAL GLO SURVEY

23'35" 7°59' 1304



0 1000' 2000'

SCALE: 1" = 1000'

**NOTE:**  
MAGNETIC NORTH IS CURRENT AS OF 3/22/2016.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.

WELL PAD - WHISTON 20N-33HZ

WHISTON 16N-33HZ  
WELL LOCATION CERTIFICATE  
2590' FNL & 1614' FEL, LOT 1 (SWNE) (SURFACE)  
2767' FNL & 763' FEL, LOT 1 (SENE) (HEEL)  
LOCATED IN SECTION 4  
T2N, R67W, 6TH P.M.  
2635' FSL & 595' FEL, NESE (BOTTOM)  
LOCATED IN SECTION 33  
T3N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

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



CONSULTING, LLC

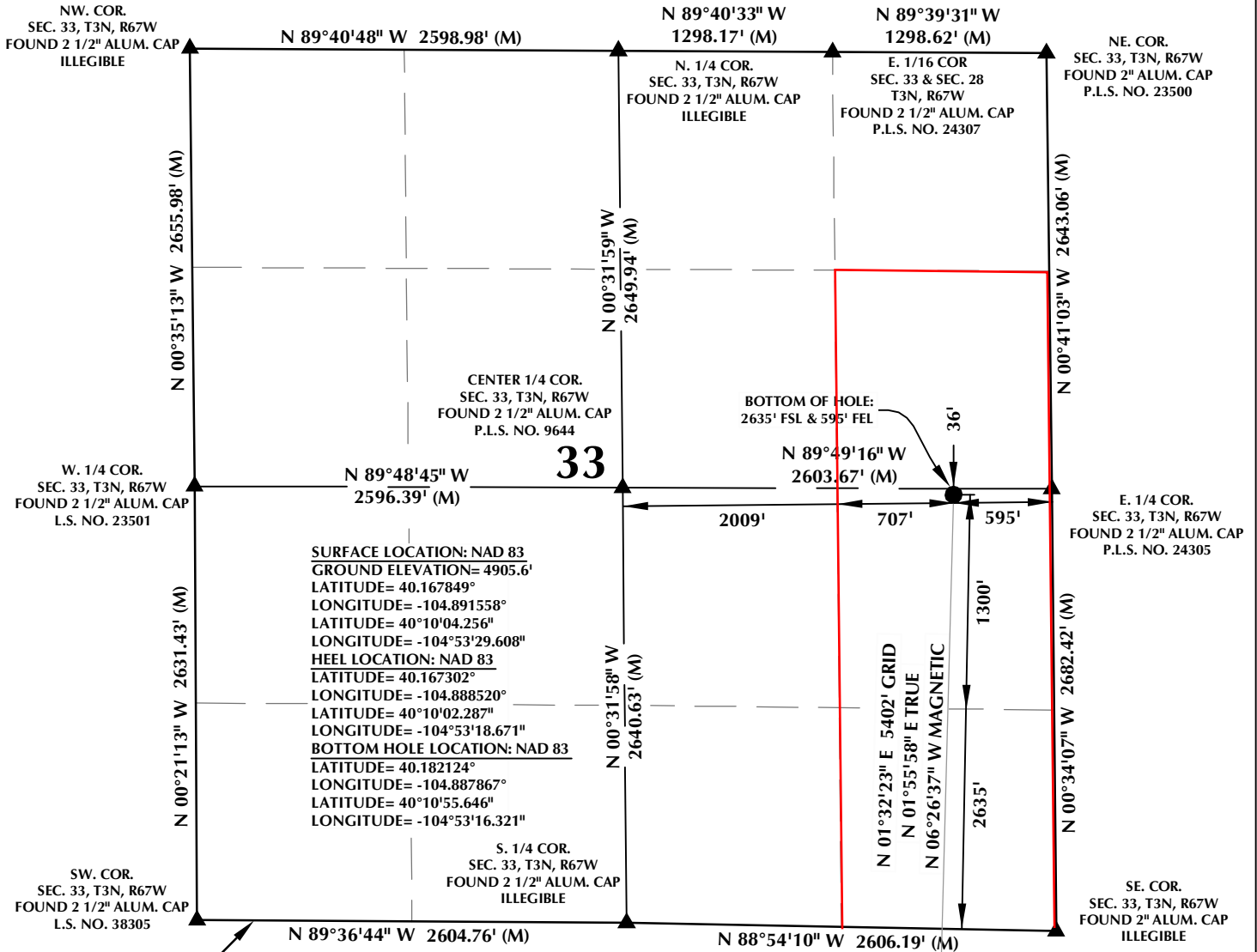
**SHERIDAN OFFICE**  
1095 Saberton Avenue  
Sheridan, Wyoming 82801  
Phone 307-674-0609

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

DRAFTED BY: LMO	CHECKED BY: RKF	SHEET NO: <b>1</b> 1 OF 2
DATE DRAFTED: 8/8/16	DATE SURVEYED: 3/21/16	
REVISED:	FILE NAME: 15-54	

# PROPOSED SPACING UNIT

## T3N, R67W

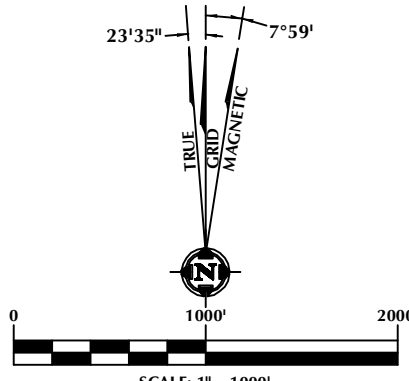


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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY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

*Randall K. French*  
 RANDALL K. FRENCH  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 18512

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- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
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- THE BOTTOM OF HOLE BEARS N01°32'23"E, 5402' FROM THE HEEL LOCATION.

### WELL PAD - WHISTON 20N-33HZ

**WHISTON 16N-33HZ**  
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