



# Kerr-McGee Oil & Gas Onshore LP

A subsidiary of Anadarko Petroleum Corporation

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

December 2, 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**  
CAMENISCH STATE 23N-34HZ (Doc No. 401140364)  
Township 2 North, Range 68 West  
Section 15: SWNE  
Unit Acreage: 960 Acres  
Unit Spacing: 3N-68W-Sec 34: E/2SW/4, W/2SE/4  
2N-68W-Sec 3: W/2E/2, E/2W/2  
2N-68W-Sec 10: W/2E/2, E/2W/2  
2N-68W-Sec 15: E/2NW/4, W/2NE/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.

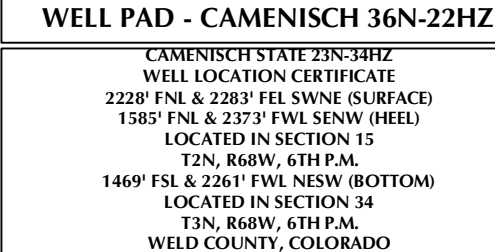
If you have any questions or issues regarding this permit, please contact Cheryl Light at (720) 929-6461.

Very truly yours,

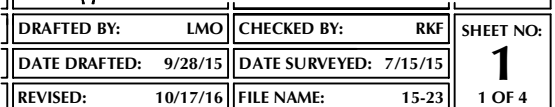
**KERR-McGEE OIL AND GAS ONSHORE LP**

A handwritten signature in blue ink that reads 'Cheryl Light'.

Cheryl Light  
Senior Regulatory Analyst



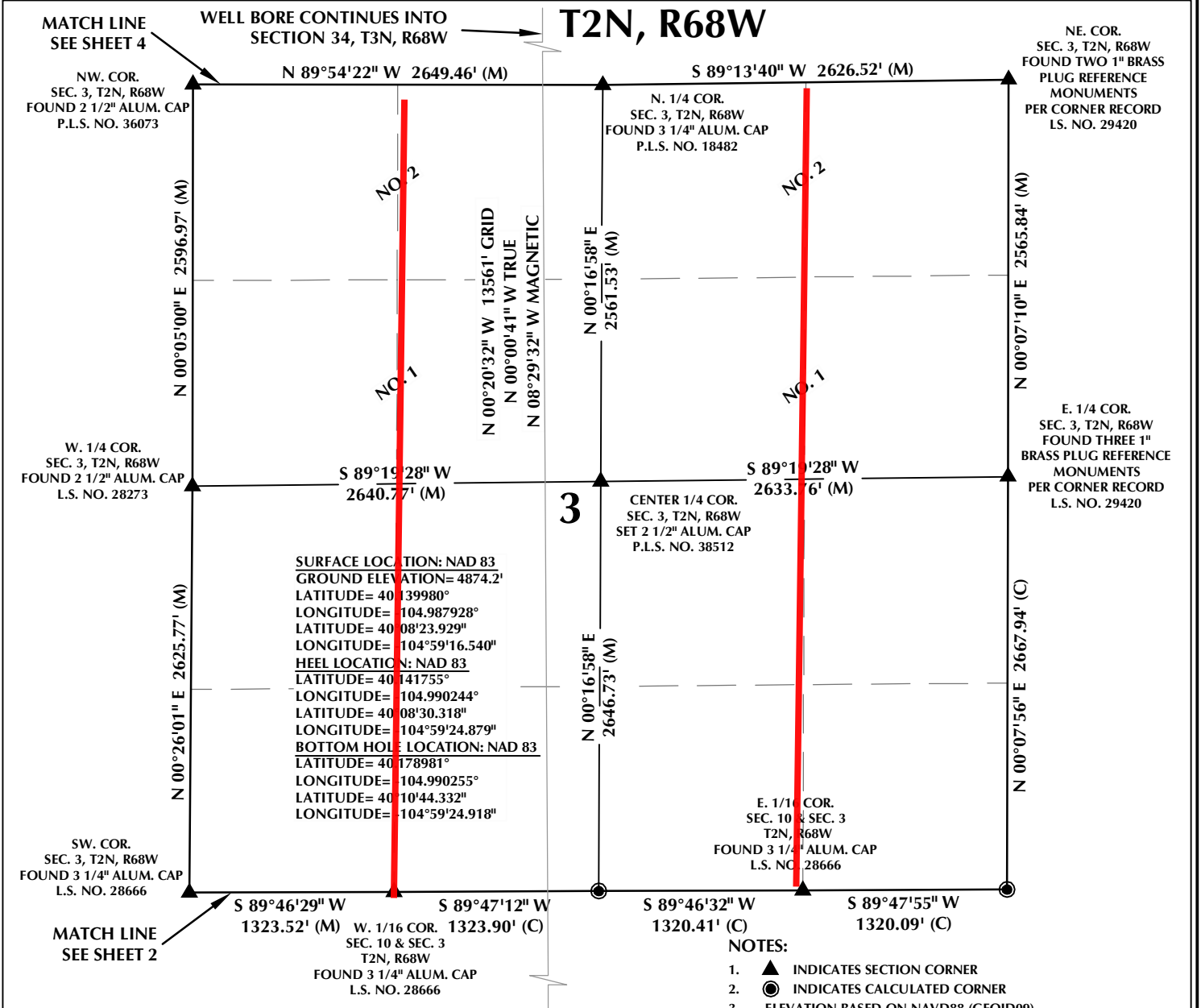
**Kerr-McGee Oil &  
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## WELL BORE CONTINUES INTO SECTION 3

2  
2 OF 4

# PROPOSED SPACING UNIT



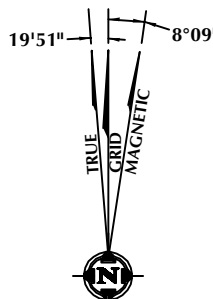
## CERTIFICATE OF SURVEYOR:

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. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Randall K. French*  
RANDALL K. FRENCH  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 18512  
10/17/16

**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 9/10/2015.  
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



## WELL PAD - CAMENISCH 36N-22HZ

CAMENISCH STATE 23N-34HZ  
WELL LOCATION CERTIFICATE  
2228' FNL & 2283' FEL SWNE (SURFACE)  
1585' FNL & 2373' FWL SENW (HEEL)  
LOCATED IN SECTION 15  
T2N, R68W, 6TH P.M.  
1469' FSL & 2261' FWL NESW (BOTTOM)  
LOCATED IN SECTION 34  
T3N, R68W, 6TH P.M.  
WELD COUNTY, COLORADO

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## 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:	9/28/15	DATE SURVEYED:	7/15/15	3
REVISED:	10/17/16	FILE NAME:	15-23	3 OF 4

T3N, R68W

NW. COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 34591

S 89°07'13" W 2565.53' (M)

S 89°07'15" W 2656.24' (M)

NE. COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 29420

N. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 38459

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4874.2'  
LATITUDE= 40.139980°  
LONGITUDE= -104.987928°  
LATITUDE= 40°08'23.929"  
LONGITUDE= -104°59'16.540"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.141755°  
LONGITUDE= -104.990244°  
LATITUDE= 40°08'30.318"  
LONGITUDE= -104°59'24.879"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.178981°  
LONGITUDE= -104.990255°  
LATITUDE= 40°10'44.332"  
LONGITUDE= -104°59'24.918"

CENTER 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 7735

34

W. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 34591

S 89°07'26" W  
2573.32' (M)S 89°34'05" W  
2673.11' (M)

E. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 29420

N 00°18'58" W 2650.43' (M)

2261'

958'

BOTTOM OF HOLE:  
1469' FSL & 2261' FWL

1220'

346'

125'

1469'

N 01°56'09" W  
2695.62' (M)

N 00°56'51" W 2679.21' (M)

SW. COR.  
SEC. 34, T3N, R68W  
FOUND 2 1/2" ALUM. CAP  
P.L.S. NO. 36073

N 89°54'22" W 2649.46' (M)

S. 1/4 COR.  
SEC. 34, T3N, R68W  
FOUND 3 1/4" ALUM. CAP  
P.L.S. NO. 18482

S 89°13'40" W 2626.52' (M)

SE. COR.  
SEC. 34, T3N, R68W  
FOUND TWO 1" BRASS  
PLUG REFERENCE  
MONUMENTS  
PER CORNER RECORD  
L.S. NO. 29420

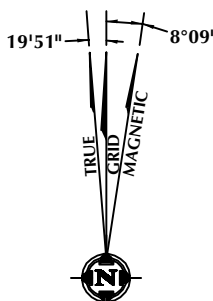
MATCH LINE  
SEE SHEET 3

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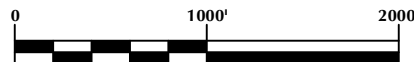
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## NOTES:

1. ▲ INDICATES SECTION CORNER
2. ● INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM OF 1983 NORTH ZONE.
5. ALL MEASURED DISTANCES ARE GRID.
6. COMBINED SCALE FACTOR: .99972911 CALCULATED FROM THE S. 1/4 CORNER OF SECTION 10, T2N, R68W
7. OPERATOR: ROB WILSON / PDOP = 1.7
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.
10. THE BOTTOM OF HOLE BEARS N00°20'32"W, 13561' FROM THE HEEL LOCATION.



SCALE: 1" = 1000'

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