



**KERR-McGEE OIL & GAS ONSHORE LP**  
1099 18<sup>TH</sup> STREET, SUITE 1800  
DENVER, CO 80202-1918  
P.O. Box 173779  
DENVER, CO 80217-3779  
720-929-6000

September 2, 2015

John Henson  
Encana Oil and Gas USA  
370 17<sup>th</sup> Street, Suite 1700  
Denver, CO 80202

*VIA COURIER*

Re: COGCC Rule 317.s Stimulation Setback Consent  
HIGHLANDS 2C-33HZ  
Township 1 North, Range 66 West, 6<sup>th</sup> P.M.  
Section 9: NWNE  
Weld County, Colorado

Dear Mr. Henson:

Kerr-McGee Oil & Gas Onshore LP is applying for a permit to drill the captioned horizontal well. Pursuant to Rule 317.r, you are being provided notice of a proposed wellbore lying within one hundred fifty (150) feet of the existing active well cited below. Additionally, pursuant to Rule 317.s, no portion of a proposed wellbore's treated interval shall be located within one hundred fifty (150) feet of an existing (producing, shut-in, or temporarily abandoned) or permitted oil and gas wellbore's treated interval belonging to another operator without the signed written consent of the operator of the encroached upon wellbore.

As currently planned, the following well(s) operated by Encana Oil and Gas USA have treated intervals that lie within one hundred fifty (150) feet of the horizontal lateral of the captioned well:

1) TWOMBLEY 31-4                      05-123-21015                      46'

If Encana Oil and Gas USA is in agreement to waive Rule 317.s, please sign this consent form in the space provided below and return one original copy to the undersigned.

Sincerely,

**Kerr-McGee Oil and Gas Onshore LP**


Ronett Powers  
Regulatory Analyst II

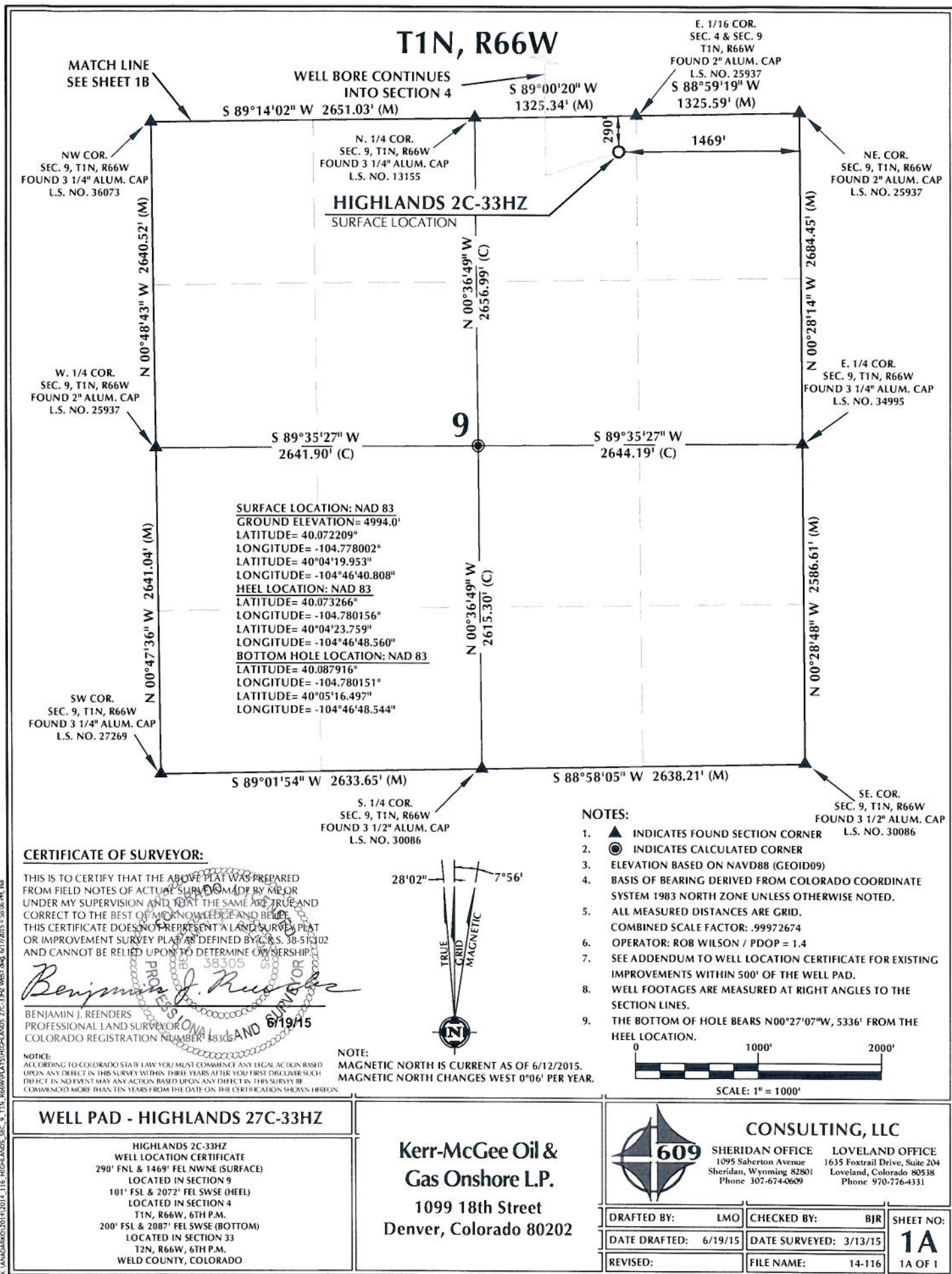
Enclosure

As operator of the above referenced well(s) lying within one hundred fifty (150) feet of the treated interval portion of the above captioned well, Encana Oil and Gas USA hereby waives the one hundred fifty (150) foot minimum stimulation setback distance as specified in COGCC Rule 317.s.

Accepted and agreed to this 7<sup>th</sup> day of October, 2015.

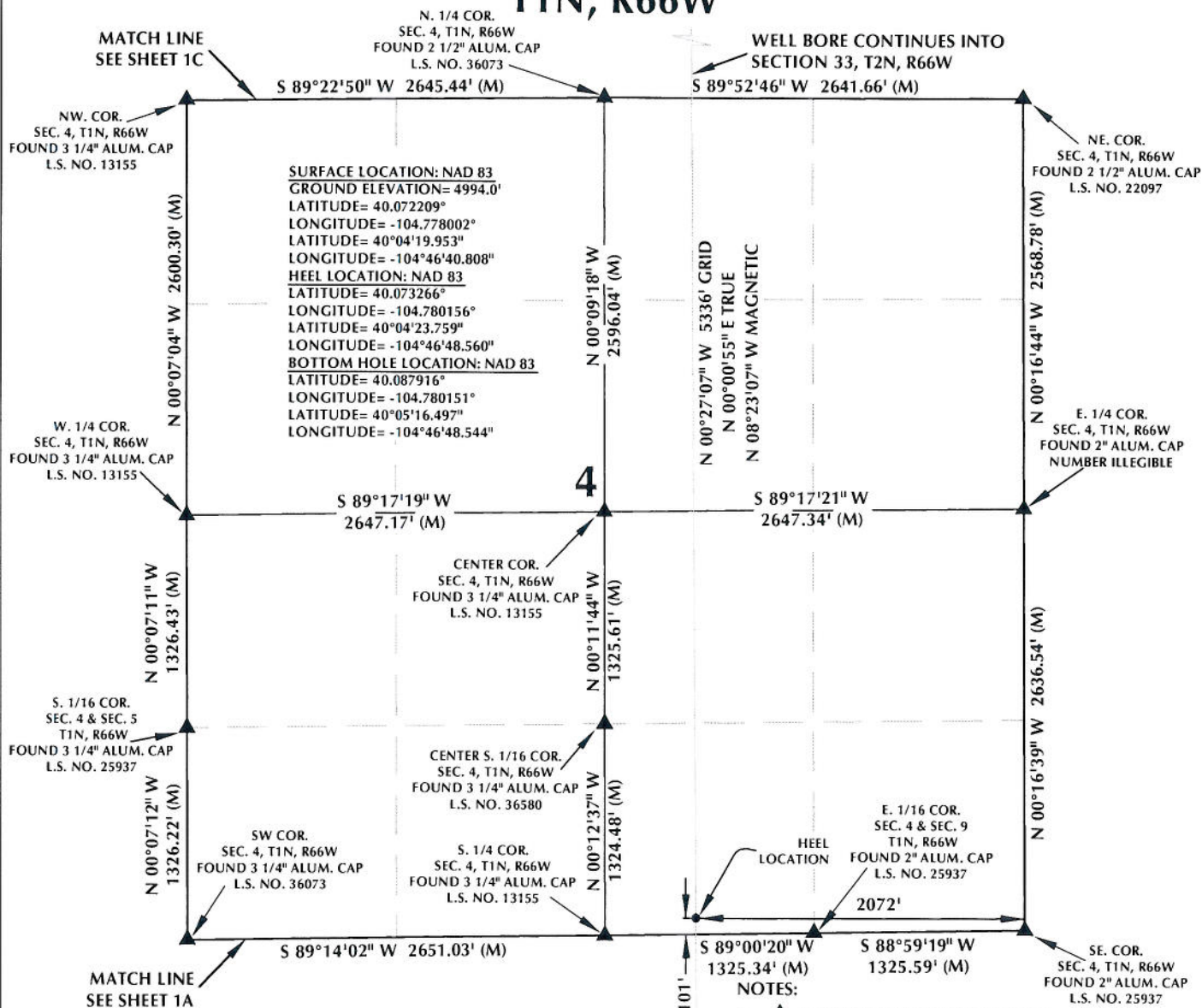
Encana Oil and Gas USA

  
By: John Henson  
Title: Reservoir Engineer





# T1N, R66W



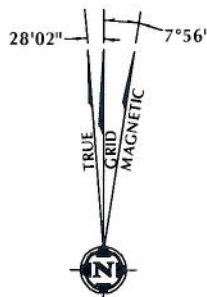
## CERTIFICATE OF SURVEYOR:

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. 38-5-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

*Benjamin J. Reenders*  
 BENJAMIN J. REENDERS  
 PROFESSIONAL LAND SURVEYOR  
 COLORADO REGISTRATION NUMBER 183305  
 6/19/15

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 6/12/2015.  
 MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



## NOTES:

1. INDICATES FOUND SECTION CORNER
2. INDICATES CALCULATED CORNER
3. ELEVATION BASED ON NAVD88 (GEOID09)
4. BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
5. ALL MEASURED DISTANCES ARE GRID.
6. COMBINED SCALE FACTOR: .99972674
7. OPERATOR: ROB WILSON / PDOP = 1.4
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°27'07\"W, 5336' FROM THE HEEL LOCATION.



SCALE: 1" = 1000'

## WELL PAD - HIGHLANDS 27C-33HZ

HIGHLANDS 2C-33HZ  
 WELL LOCATION CERTIFICATE  
 290' FNL & 1469' FEL NWNE (SURFACE)  
 LOCATED IN SECTION 9  
 101' FSL & 2072' FEL SWSE (HEEL)  
 LOCATED IN SECTION 4  
 T1N, R66W, 6TH P.M.  
 200' FSL & 2087' FEL SWSE (BOTTOM)  
 LOCATED IN SECTION 33  
 T2N, 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 Saherton 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: BJR	SHEET NO: 1B
DATE DRAFTED: 6/19/15	DATE SURVEYED: 3/13/15	1B OF 1
REVISED:	FILE NAME: 14-116	

K:\LAND\01\2015\2014-116-HIGHLANDS-SEC. 3, T2N, R66W\PLATS\HIGHLANDS 27C-33HZ WEST.dwg, 6/17/2015, 4:58:16 PM, LBA

NW. COR.  
SEC. 33, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 25369

T2N, R66W

S 89°43'13" W 2646.37' (M)

S 89°10'07" W 2640.09' (M)

NE. COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 13482

SURFACE LOCATION: NAD 83  
GROUND ELEVATION= 4994.0'  
LATITUDE= 40.072209°  
LONGITUDE= -104.778002°  
HEEL LOCATION: NAD 83  
LATITUDE= 40.073266°  
LONGITUDE= -104.780156°  
LATITUDE= 40°04'19.953"  
LONGITUDE= -104°46'40.808"  
HEEL LOCATION: NAD 83  
LATITUDE= 40.073266°  
LONGITUDE= -104.780156°  
LATITUDE= 40°04'23.759"  
LONGITUDE= -104°46'48.560"  
BOTTOM HOLE LOCATION: NAD 83  
LATITUDE= 40.087916°  
LONGITUDE= -104.780151°  
LATITUDE= 40°05'16.497"  
LONGITUDE= -104°46'48.544"

N. 1/4 COR.  
SEC. 33, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13258

E. 1/4 COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

W. 1/4 COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
ILLEGIBLE

SW. COR.  
SEC. 33, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 13155

MATCH LINE  
SEE SHEET 1B

S 89°31'48" W  
2644.70' (M)

CENTER COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 28656

S 89°32'08" W  
2642.82' (M)

N 00°37'12" W  
2634.58' (M)

BOTTOM OF HOLE:  
200' FSL & 2087' FEL

555' 766' 2087'

S 89°22'50" W 2645.44' (M)

S. 1/4 COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 36073

S 89°52'46" W 2641.66' (M)

S. 1/16 COR.  
SEC. 33 & 34, T2N, R66W  
FOUND 3 1/4" ALUM. CAP  
L.S. NO. 12330

SE. COR.  
SEC. 33, T2N, R66W  
FOUND 2 1/2" ALUM. CAP  
L.S. NO. 22097

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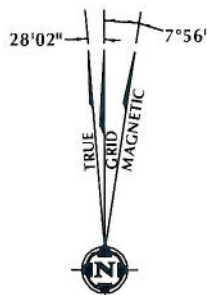
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*Benjamin J. Reenders*  
BENJAMIN J. REENDERS  
PROFESSIONAL LAND SURVEYOR  
COLORADO REGISTRATION NUMBER 38305

6/19/15

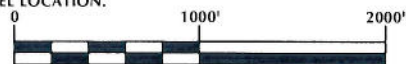
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