



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

September 18, 2015

Megan Molholm
Encana Oil and Gas (USA) Inc.
370 17th Street, Suite 1700
Denver, CO 80202

Re: COGCC Rule 317.s Stimulation Setback Consent
PUMA FED 5S-35HZ
Township 1 North, Range 67 West, 6th P.M.
Section 23: SW/4SW/4
Weld County, Colorado

Dear Ms. Molholm:

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 & Gas (USA) Inc. have treated intervals that lie within one hundred fifty (150) feet of the horizontal lateral of the captioned well:

1) GRENEMEYER 1	05-123-07152	82'
2) HOWARD 13-26	05-123-19946	102'

If Encana Oil & Gas (USA) Inc. 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

Cheryl Light
Senior Regulatory Analyst

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 & Gas (USA) Inc. hereby waives the one hundred fifty (150) foot minimum stimulation setback distance as specified in COGCC Rule 317.s.

Accepted and agreed to this 7th day of October, 2015.

Encana Oil & Gas (USA) Inc.

Megan H Molholm

By: Megan H Molholm

Title: Production Engineer

**T1N, R67W
23**

E. 1/4 COR.
SEC. 23, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 23027

PUMA FED 5S-35HZ
SURFACE LOCATION

HEEL LOCATION

S 89°34'00" W 2646.28' (M)

S 89°33'55" W 2646.20' (M)

NW. COR.
SEC. 26, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 13155

N. 1/4 COR.
SEC. 26, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 18475

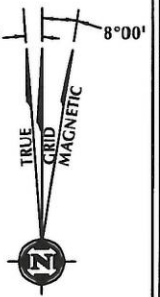
NE. COR.
SEC. 26, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 9644

W. 1/4 COR.
SEC. 26, T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 37890

E. 1/4 COR.
SEC. 26, T1N, R67W
FOUND 2" ALUM. CAP
L.S. NO. 9644

S. 1/16 COR.
SEC. 26 & SEC. 27
T1N, R67W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 37890

26
SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4990.9'
LATITUDE= 40.030156°
LONGITUDE= -104.865231°
LATITUDE= 40°01'48.563"
LONGITUDE= -104°51'54.833"
HEEL LOCATION: NAD 83
LATITUDE= 40.029037°
LONGITUDE= -104.864894°
LATITUDE= 40°01'44.532"
LONGITUDE= -104°51'53.618"
BOTTOM HOLE LOCATION: NAD 83
LATITUDE= 40.014865°
LONGITUDE= -104.864337°
LATITUDE= 40°00'53.514"
LONGITUDE= -104°51'51.613"



SE. COR.
SEC. 26, T1N, R67W
SET 2" ALUM. CAP
L.S. NO. 38305

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

Benjamin J. Reenders
BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 38305
8/19/15

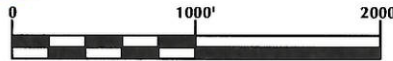
NOTICE:
ACCORDING TO COLORADO STATE LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE ON THE CERTIFICATION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

WELL BORE CONTINUES
INTO SECTION 35

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: .99972876
7. OPERATOR: ROB WILSON / PDOP = 1.2
8. SEE ADDENDUM TO WELL LOCATION CERTIFICATE FOR EXISTING IMPROVEMENTS WITHIN 500' OF THE WELL PAD.
9. THE BOTTOM OF HOLE BEARS S02°08'28"E, 5165' FROM THE HEEL LOCATION.

NOTE:
MAGNETIC NORTH IS CURRENT AS OF 8/11/2015.
MAGNETIC NORTH CHANGES WEST 0°06' PER YEAR.



WELL PAD - PUMA 4C-14HZ

PUMA FED 5S-35HZ
WELL LOCATION CERTIFICATE
290' FSL & 571' FWL SWSW (SURFACE)
LOCATED IN SECTION 23
118' FNL & 665' FWL NWNW (HEEL)
LOCATED IN SECTION 26
1' FNL & 809' FWL NWNW (BOTTOM)
LOCATED IN SECTION 35
T1N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

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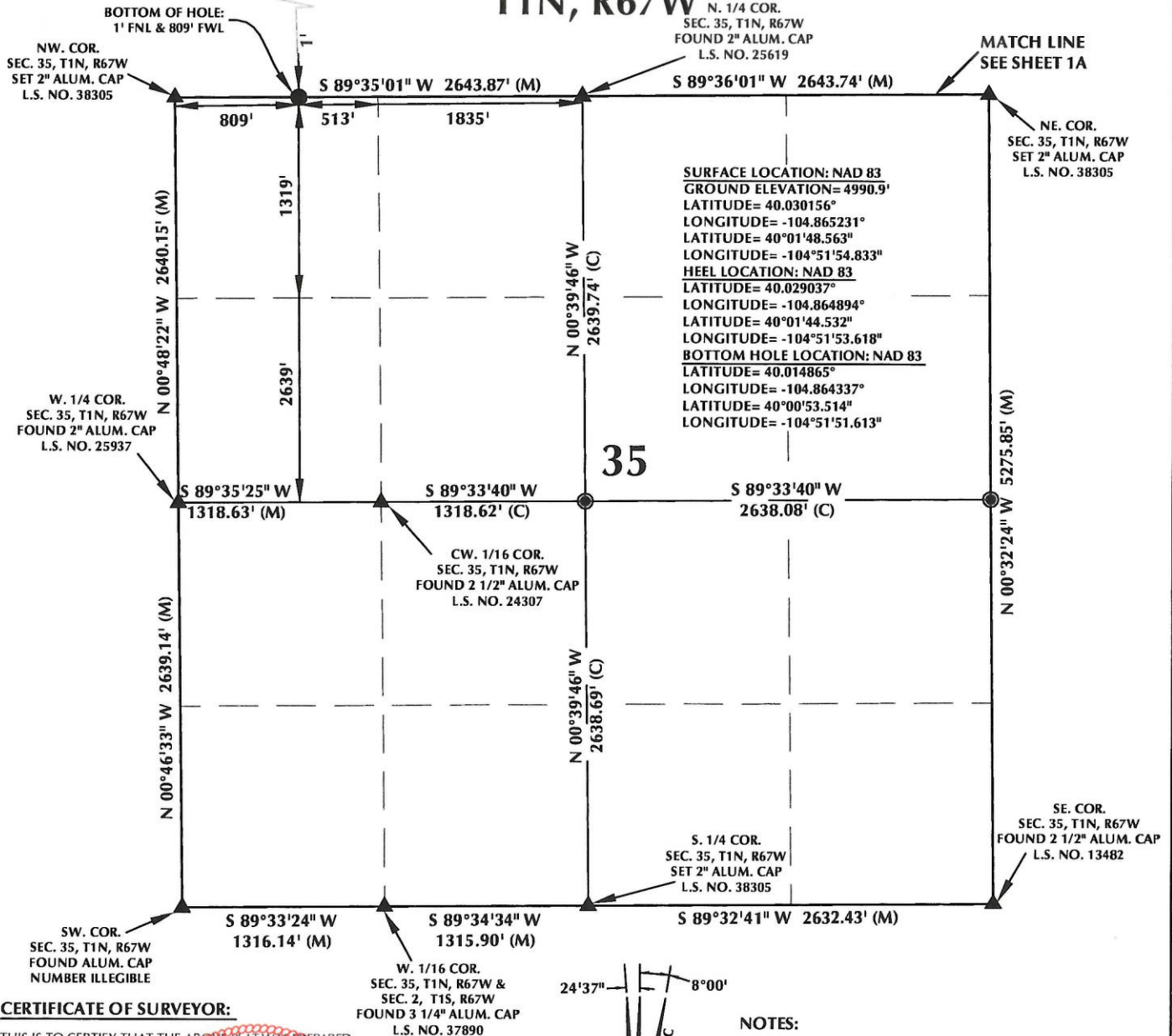
CONSULTING, LLC

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:	BJR	SHEET NO:
DATE DRAFTED:	8/19/15	DATE SURVEYED:	5/7/15	1A
REVISED:		FILE NAME:	15-42	1A OF 1

T1N, R67W



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- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
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- COMBINED SCALE FACTOR: .99972876
- 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 S02°08'28"E, 5165' FROM THE HEEL LOCATION.

WELL PAD - PUMA 4C-14HZ

PUMA FED 5S-35HZ
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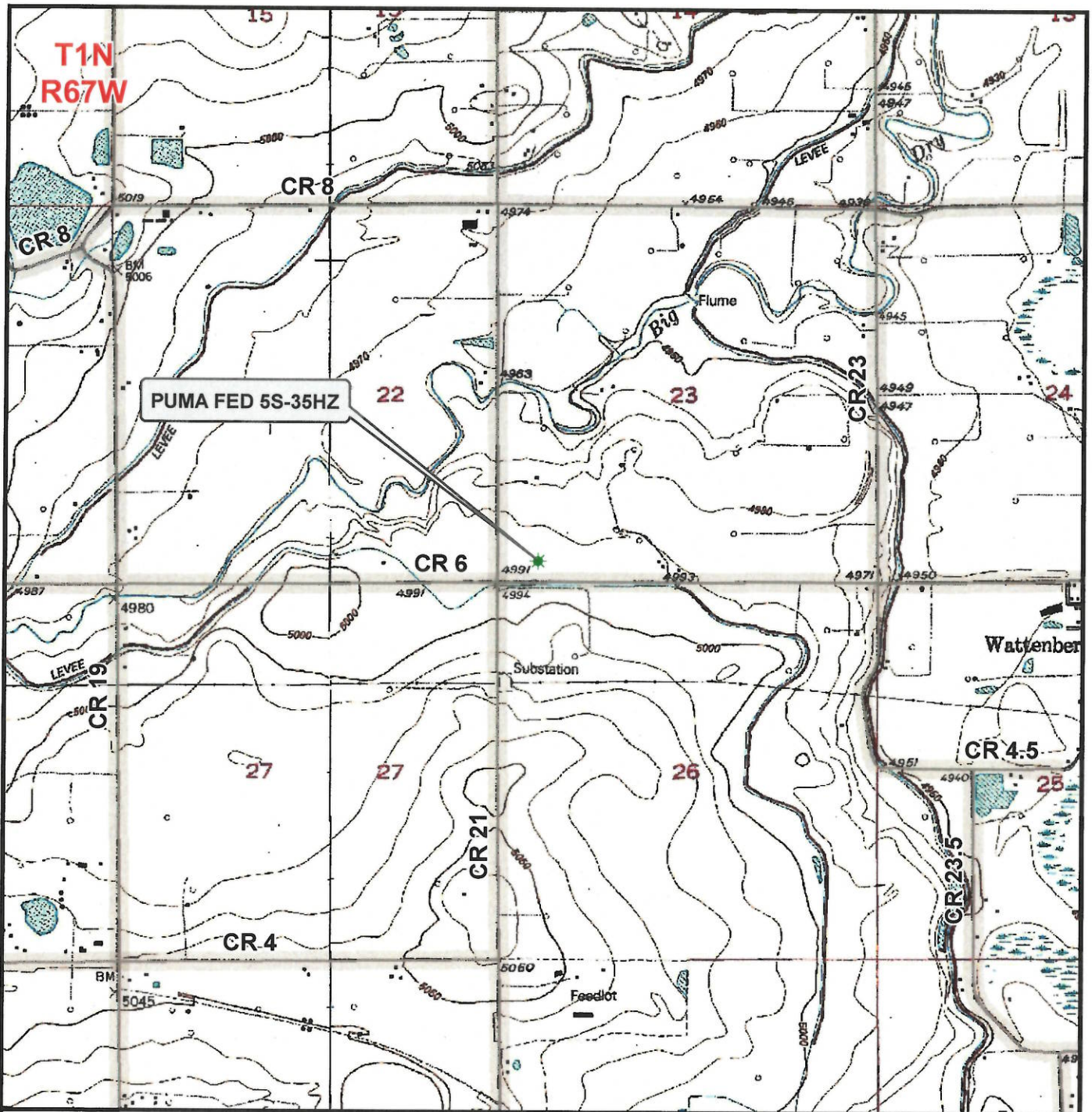
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Legend

- Well - Federal - Proposed
- Well - Fee - Proposed
- Road - Primitive - Existing
- Road - Improved - Existing
- Road - County - Existing
- Road - Highway - Existing

WELL PAD - PUMA 4C-14HZ

GENERAL LOCATION MAP
PUMA FED 5S-35HZ
LOCATED IN SECTION 23
T1N, R67W, 6th P.M.
WELD COUNTY, COLORADO

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Gas Onshore L.P.**

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SCALE: 1" = 2,000ft

DRAWN: JELo

REVISED:

NAD83 CO-Nft

DATE: 31 July 2015

DATE: