



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 2, 2015

John Henson
Encana Oil and Gas USA
370 17th 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, 6th 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 7th day of October, 2015.

Encana Oil and Gas USA


By: John Henson
Title: Reservoir Engineer

T1N, R66W

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)

MATCH LINE
SEE SHEET 1B

WELL BORE CONTINUES
INTO SECTION 4

S 89°00'20" W
1325.34' (M)

S 89°14'02" W 2651.03' (M)

1469'

NE COR.
SEC. 9, T1N, R66W
FOUND 2" ALUM. CAP
L.S. NO. 25937

NW COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 36073

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

HIGHLANDS 2C-33HZ
SURFACE LOCATION

N 00°36'49" W
2656.99' (C)

N 00°28'14" W 2684.45' (M)

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

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

S 89°35'27" W
2641.90' (C)

9

S 89°35'27" W
2644.19' (C)

SURFACE LOCATION: NAD 83
GROUND ELEVATION= 4994.0'
LATITUDE= 40.072209°
LONGITUDE= -104.778002°
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 00°36'49" W
2615.30' (C)

N 00°28'48" W 2586.61' (M)

SW COR.
SEC. 9, T1N, R66W
FOUND 3 1/4" ALUM. CAP
L.S. NO. 27269

S 89°01'54" W 2633.65' (M)

S 88°58'05" W 2638.21' (M)

S. 1/4 COR.
SEC. 9, T1N, R66W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 30086

SE COR.
SEC. 9, T1N, R66W
FOUND 3 1/2" ALUM. CAP
L.S. NO. 30086

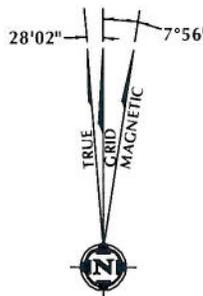
CERTIFICATE OF SURVEYOR:

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.

Benjamin J. Reenders
BENJAMIN J. REENDERS
PROFESSIONAL LAND SURVEYOR
COLORADO REGISTRATION NUMBER 83305
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 BE 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:

- ▲ INDICATES FOUND SECTION CORNER
- INDICATES CALCULATED CORNER
- ELEVATION BASED ON NAVD88 (GEOID09)
- BASIS OF BEARING DERIVED FROM COLORADO COORDINATE SYSTEM 1983 NORTH ZONE UNLESS OTHERWISE NOTED.
- ALL MEASURED DISTANCES ARE GRID. COMBINED SCALE FACTOR: .99972674
- OPERATOR: ROB WILSON / PDOP = 1.4
- 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 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

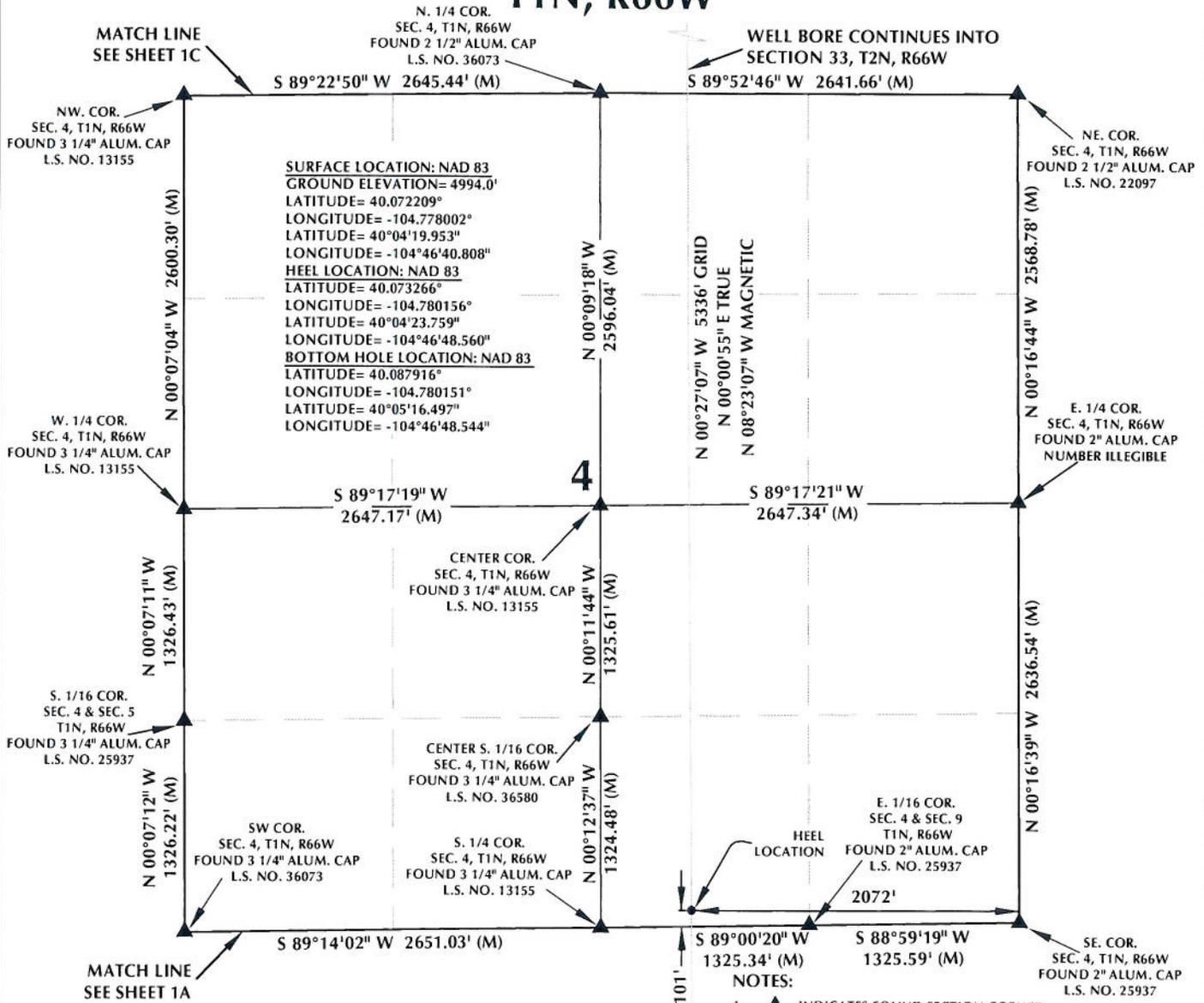


CONSULTING, LLC

SHERIDAN OFFICE: 1095 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: 1A
DATE DRAFTED: 6/19/15	DATE SURVEYED: 3/13/15	1A OF 1
REVISED:	FILE NAME: 14-116	

T1N, R66W



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

WELL BORE CONTINUES INTO SECTION 33, T2N, R66W

HEEL LOCATION
 FOUND 2" ALUM. CAP
 L.S. NO. 25937

NOTES:

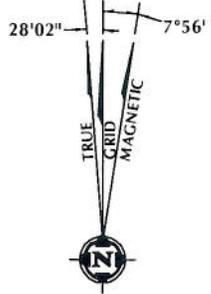
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HIGHLANDS 2C-33HZ
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 LOCATED IN SECTION 33
 T2N, R66W, 6TH P.M.
 WELD COUNTY, COLORADO

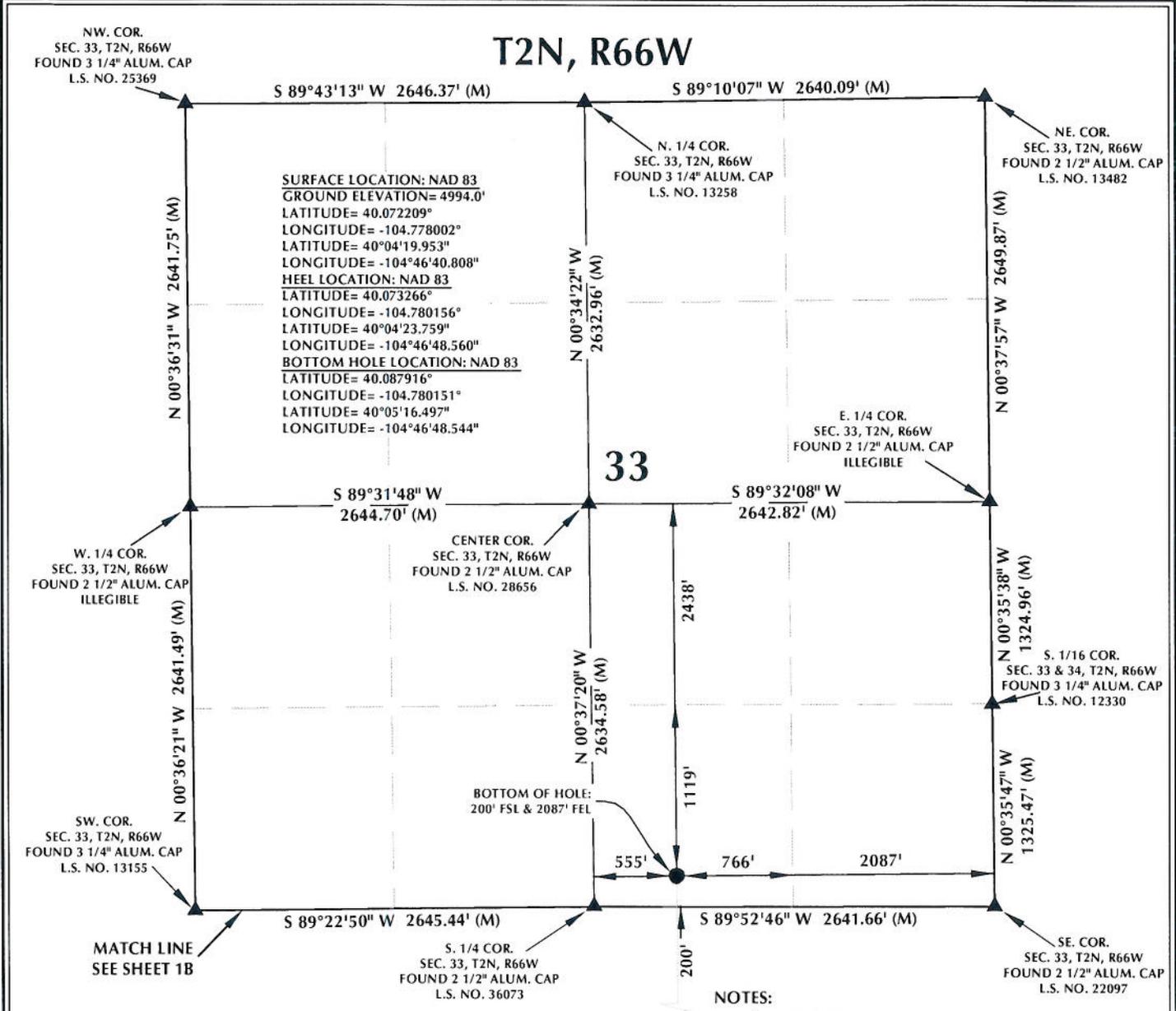
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REVISED:	FILE NAME: 14-116	

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T2N, R66W



NOTES:

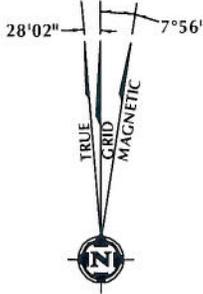
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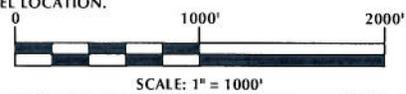
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