

1700 Broadway
Suite 650
Denver, Colorado 80290



Shannon Hartnett
Permitting Agent
Tel: 303.830.9893
E-mail: shartnett@gwogco.com

December 13, 2012

Colorado Oil and Gas Conservation Commission
The Chancery Building
1120 Lincoln Street, Suite 801
Denver, CO 80203

Attn: Mr. Matt Lepore, Director

RE: Proposed Wellbore Spacing Unit
Land JG 31-13D (Surface 288' FSL and 929' FWL) Sec. 31, (Bottom 2673' FSL and 2478' FWL) Sec. 31

Nibrara/Codell New Drills
Township 2 North, Range 64 West, 6th P.M.
Section 31: Lot 2
Weld County, Colorado

Mr. Lepore:

Great Western Oil and Gas Company, LLC is planning to drill the above caption boundary wells in accordance with the provisions of COGCC Rule 318A.e.

Great Western proposed wellbore spacing unit consists of:

- Land JG 31-13D Sec. 31-2N-64W: SWNE, NWSE, SENW, NESW

The required thirty (30) day notice was sent and no objections have been received. Enclosed is a copy of the following document to assist you in your review and approval of Great Western's proposed APD for the caption well:

- Plat illustrating proposed wellbore spacing unit on existing location plats.

Great Western Oil and Gas Company, LLC respectfully requests that the COGCC review the enclosed information and approve the application for Permit to Drill the captioned well. Thank you for your attention to the enclosed.

Respectfully,

A handwritten signature in blue ink that reads "Shannon Hartnett". The signature is written in a cursive, flowing style.

Shannon Hartnett
Permitting Agent
Great Western Oil and Gas Company, LLC

T2N, R64W, 6th P.M.

GREAT WESTERN OIL & GAS COMPANY

Well location, LAND JG #31-13D, located as shown in LOT 2 of Section 31, T2N, R64W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION 'HUDSON CC' NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4999 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

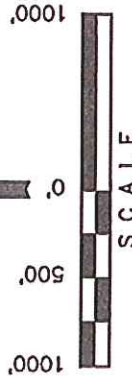
NOTE:
SEE ADDENDUM TO LEGAL PLAT FOR
EXISTING IMPROVEMENTS WITHIN 400'
OF THE PROPOSED DISTURBANCE.

LOT 1

LOT 2

LAND JG #31-13D
Elev. Ungraded
Ground = 4933'

Target
Bottom
Hole



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 172492
STATE OF COLORADO 88-26-12

UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE
1" = 1000'

DATE SURVEYED:
10-18-12

DATE DRAWN:
10-22-12

REFERENCES
G.L.O. PLAT

PARTY
Z.B. A.G. J.W.

WEATHER
COOL

FILE
GREAT WESTERN OIL &
GAS COMPANY

LEGEND:

— = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°05'41.67" (40.094908)	LATITUDE = 40°05'17.76" (40.088267)
LONGITUDE = 104°35'37.65" (104.593792)	LONGITUDE = 104°35'57.67" (104.599353)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°05'41.73" (40.094925)	LATITUDE = 40°05'17.82" (40.088283)
LONGITUDE = 104°35'35.79" (104.593275)	LONGITUDE = 104°35'55.81" (104.598836)

PDOP = 1.8

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LS 23520 in Mon. Box
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Long: 104.584453°

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LS 25937
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Long: 104.593919°

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LS 25937
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Long: 104.602675°

Alum. Cap
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LS 13155
Lat: 40.102261°
Long: 104.593664°

Alum. Cap
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LS 23520
Lat: 40.102328°
Long: 104.584228°

Alum. Cap
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LS 23520 in Mon. Box
Lat: 40.095014°
Long: 104.584339°

Alum. Cap
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LS 33642
Lat: 40.094908°
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