



1700 Broadway
Suite 650
Denver, CO 80290

Phone: 303.398.0302
Facsimile: 866.742.1784
www.gwogco.com

September 6, 2012

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

Attn: Mr. Matt Lepore, Director

RE: Proposed Wellbore Spacing Unit

Peterson CX GH #30-14D (Surface 1,428' FNL and 2,279' FEL) Sec. 30, (Bottom 2,640' FNL and 1,320' FEL) Sec. 30
Peterson CX GH #30-28D (Surface 1,408' FNL and 2,280' FEL) Sec. 30, (Bottom 20' FNL and 2,640' FEL) Sec. 30
Peterson CX GH #30-27D (Surface 1,385' FNL and 2,280' FEL) Sec. 30, (Bottom 20' FNL and 1,320' FEL) Sec. 30
Peterson CX GH #30-26D (Surface 1,387' FNL and 2,262' FEL) Sec. 30, (Bottom 20' FNL and 20' FEL) Sec. 30
Peterson CX GH #30-41D (Surface 1,407' FNL and 2,262' FEL) Sec. 30, (Bottom 1,320' FNL and 20' FEL) Sec. 30
Peterson CX GH #30-40D (Surface 1,427' FNL and 2,262' FEL) Sec. 30, (Bottom 1,320' FNL and 20' FEL) Sec. 30

Niobrara/Codell New Drills
Township 5 North, Range 63 West, 6th P.M.
Section 30:SWNE
Weld County, Colorado

Mr. Lepore:

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

Great Western proposed wellbore spacing units consists of:

- S/2NE/4, N/2SE/4 of Section 30 for the **Peterson CX GH #30-14D**
- SW/4SE/4, SE/4SW/4, of Section 19 and NW/4NE/4, NE/4NW/4 of Section 30 for the **Peterson CX GH #30-28D**
- S/2SE/4, N/2SE/4 of Section 19 and N/2NE/4 of Section 30 for the **Peterson CX GH #30-27D**
- SE/4SE/4, SE/4SW/4 of Section 19 and SW/4SW/4 of Section 20, and NW/4NW/4 of Section 29 and NE/4NE/4 of Section 30 for **Peterson CX GH #30-26D**
- W/2NW/4 of Section 29 and E/2NE/4 of Section 30 for **Peterson CX GH #30-41D**
- NW/4SW/4, SW/4NW/4, of Section 29 and NE/4SE/4, SE/4NE/4 of Section 30 for the **Peterson CX GH #30-40D**

The required thirty (30) day notice was sent and no objection have been received. Enclosed are copies of the following documents to assist you in your review and approval of Great Western's proposed APD for the captioned wells:

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



Great Western
OIL & GAS COMPANY

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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 wells. Thank you for your attention to the enclosed.

Respectfully,

Janni Keidel
Permitting Technician
Great Western Oil and Gas Company, LLC
1700 Broadway, Suite #650
Denver, Colorado 80290

PROPOSED WELLBORE SPACING UNIT

T5N, R63W, 6th P.M.

1998 Private Alum.
Cap. LS 16415
0.1' Below Ground
Lot: 40.377866°
Long: 104.488708°

N89°34'22"E - 2657.72' (Meas.)

N89°34'22"E - 2624.95' (Meas.)

N89°34'22"E - 2700.96' (Meas.)

S89°27'11"W - 2639.20' (Meas.)

S89°27'10"W - 2616.83' (Meas.)

Re-Established by
Grant Boundary Method
(Not Set on Ground)

LOT 1

LOT 2

LOT 3

LOT 4

PETERSON CX GH #30-26D
Elev. Ungraded Ground = 4574'

1387'

2262'

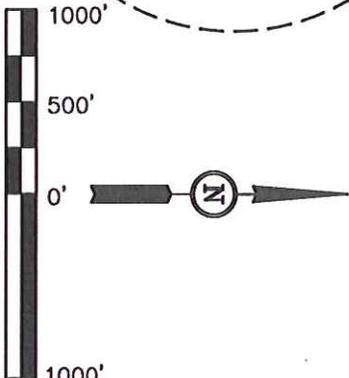
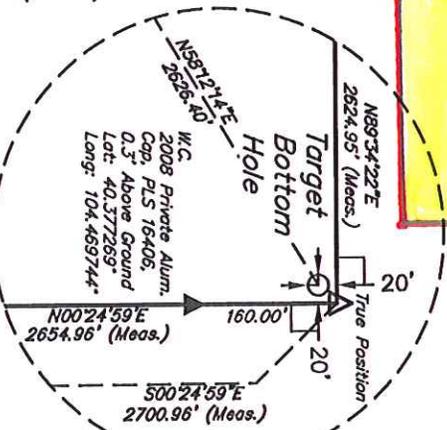
1600.00'

DETAIL A
See Below Right

Target Bottom Hole

GREAT WESTERN OIL & GAS COMPANY
Well location, PETERSON CX GH #30-26D, located as shown in the SW 1/4 NE 1/4 of Section 30, T5N, R63W, 6th P.M., Weld County, Colorado.
BASIS OF ELEVATION
USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "M414". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4600.58 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.

DETAIL A
No Scale

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. 17492
STATE OF COLORADO
06-19-12

1995 Private Alum.
Cap. PLS 28656,
1.0' Below Ground
Lot: 40.353131°
Long: 104.488456°

1994 Private Alum.
Cap. PLS 24670,
0.2' Below Ground
Lot: 40.363206°
Long: 104.478986°

Private Alum. Cap.
0.6' Below Ground
Lot: 40.363281°
Long: 104.469394°

2012 UELS Alum.
Cap. PLS 28285,
0.6' Below Ground
Lot: 40.370294°
Long: 104.469669°

LEGEND:

- △ = SECTION CORNERS RE-ESTABLISHED (Not Set on Ground.)
- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°22'39.55" (40.377653)	LATITUDE = 40°22'25.85" (40.373847)	LATITUDE = 40°22'25.85" (40.373847)	LATITUDE = 40°22'25.92" (40.373867)
LONGITUDE = 104°28'11.35" (104.469819)	LONGITUDE = 104°28'40.18" (104.477828)	LONGITUDE = 104°28'40.18" (104.477828)	LONGITUDE = 104°28'38.34" (104.477317)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°22'39.62" (40.377672)	LATITUDE = 40°22'39.62" (40.377672)	LATITUDE = 40°22'25.92" (40.373867)	LATITUDE = 40°22'25.92" (40.373867)
LONGITUDE = 104°28'09.51" (104.469308)	LONGITUDE = 104°28'09.51" (104.469308)	LONGITUDE = 104°28'38.34" (104.477317)	LONGITUDE = 104°28'38.34" (104.477317)

PDOP = 1.1

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

SCALE	1" = 1000'	DATE SURVEYED:	05-18-12	DATE DRAWN:	06-05-12
PARTY	Z.B. A.G. J.W.	REFERENCES	G.L.O. PLAT		
WEATHER	WARM	FILE	GREAT WESTERN OIL & GAS COMPANY		