



1700 Broadway
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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

T5N, R63W, 6th P.M.

PROPOSED WELLBORE SPACING UNIT

1998 Private Alum.
Cap. LS 16415
0.1' Below Ground
Lat: 40.377586°
Long: 104.468708°

N89°34'22"E - 2657.72' (Meas.)

N89°34'22"E - 2624.95' (Meas.)

True Position

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

W.C.
2008 Private Alum.
Cap. PLS 16406
0.3' Above Ground
Lat: 40.377269°
Long: 104.469744°

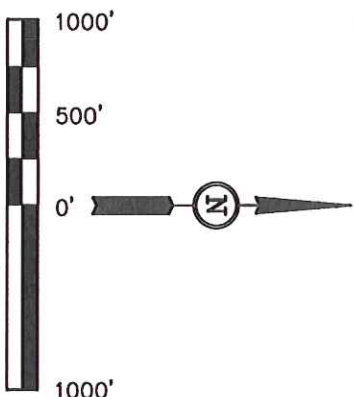
GREAT WESTERN OIL & GAS COMPANY
Well location, PETERSON CX GH #30-14D, located as shown in the SW 1/4 NE 1/4 of Section 30, T5N, R63W, 6th P.M., Weld County, Colorado.

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.



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. 17392
STATE OF COLORADO
08-19-12

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

SCALE: 1" = 1000'

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

REFERENCES: G.L.O. PLAT

FILE: GREAT WESTERN OIL & GAS COMPANY

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°22'13.55" (40.370431)	LATITUDE = 40°22'25.45" (40.373736)		
LONGITUDE = 104°28'27.87" (104.474408)	LONGITUDE = 104°28'40.40" (104.477889)		
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°22'13.62" (40.370450)	LATITUDE = 40°22'25.52" (40.373756)		
LONGITUDE = 104°28'28.03" (104.473897)	LONGITUDE = 104°28'38.56" (104.477378)		

PDOP = 1.9

N00°42'27"W - 2633.30' (Meas.)

N00°42'24"W - 2633.41' (Meas.)

1995 Private Alum.
Cap. PLS 28656
1.0' Below Ground
Lat: 40.363337°
Long: 104.468456°

2008 Private Alum.
Cap. LS 34995
0.5' Below Ground
Lat: 40.370358°
Long: 104.468581°

R 589°27'11"W - 2639.20' (Meas.)

S89°27'10"W - 2616.83' (Meas.)

Private Alum. Cap.
0.6' Below Ground
Lat: 40.363287°
Long: 104.469394°

2012 UEL'S Alum.
Cap. PLS 28285
0.6' Below Ground
Lat: 40.370294°
Long: 104.469669°

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

Target Bottom Hole

PETERSON CX GH #30-14D
Elev. Ungraded Ground = 4524'

1428'
2640'
2279'

30

S00°24'59"E - 2700.96' (Meas.)

S00°25'04"E - 2554.69' (Meas.)