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November 11, 2013

Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, Colorado 80203

RE: **Proposed Wellbore Spacing Unit**  
Cornish FH 08-279HN

Niobrara New Drill  
Township 6 North, Range 63 West, 6<sup>th</sup> P.M.  
Section 8  
Weld County, Colorado

Dear Director:

Great Western Operating Company, LLC is planning to drill the above captioned well in accordance with the provisions of COGCC Rule 318(l)e(2).

Great Western proposed wellbore spacing unit consists of:  
**S½ Sec. 8-T6N-R63W**  
**320 acres**

Great Western Operating Company, LLC respectfully requests that the COGCC review the enclosed map illustrating the proposed wellbore spacing unit.

Respectfully,



Shannon Hartnett  
Regulatory Compliance Specialist  
Great Western Operating Company, LLC

T6N, R63W, 6th P.M.

Priv. Alum. Cap  
#7242, 0.4' High  
Lat: 40.508303  
Long: 104.470247

N89°33'14"E - 2639.52' (Meas.)

N88°48'33"E - 2650.85' (Meas.)

Priv. Alum. Cap  
#58175, 0.5' Below  
Ground  
Lat: 40.508522  
Long: 104.451225

Priv. Alum. Cap  
#22098, on North  
Edge of Corner  
Fence Post  
Lat: 40.508364  
Long: 104.460756

Priv. Alum. Cap  
#7242, 0.4' Below  
Ground  
Lat: 40.501014  
Long: 104.470297

N00°21'08"E - 2655.48' (Meas.)

N00°22'05"E  
1328.68' (Meas.)

N00°21'39"E  
1328.09' (Meas.)

Priv. Alum. Cap  
#9644, 0.1' Below  
Ground  
Lat: 40.497367  
Long: 104.470322

CORNISH FH 08-279HN  
Elev. Ungraded Ground = 4680'

Entry Point

Target Bottom Hole

S00°43'48"W - 5305.90' (Meas.)

Priv. Alum. Cap  
#28665, 1.0' Below  
Ground  
Lat: 40.493722  
Long: 104.470350

S89°06'09"W - 5255.99' (Meas.)

2003 Priv. Alum. Cap  
#9644, 0.3' High  
Lat: 40.493959  
Long: 104.451456

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (ENTRY POINT)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°29'54.07" (40.498353)	LATITUDE = 40°29'53.36" (40.498156)	LATITUDE = 40°29'51.78" (40.497717)
LONGITUDE = 104°27'11.07" (104.453075)	LONGITUDE = 104°28'07.19" (104.468664)	LONGITUDE = 104°28'10.43" (104.468564)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (ENTRY POINT)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°29'54.14" (40.498372)	LATITUDE = 40°29'53.43" (40.498175)	LATITUDE = 40°29'51.85" (40.497736)
LONGITUDE = 104°27'09.23" (104.452564)	LONGITUDE = 104°28'05.35" (104.468153)	LONGITUDE = 104°28'08.60" (104.469056)

PDOP = 2.2

## GREAT WESTERN OIL & GAS COMPANY

Well location, CORNISH FH 08-279HN, located as shown in the NW 1/4 SW 1/4 of Section 8, T6N, 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

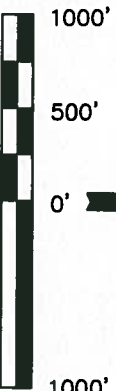
### BASIS OF BEARINGS

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

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ◇ = PROPOSED ENTRY POINT.
- = PROPOSED TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

LINE	DIRECTION	LENGTH
L1	N57°32'49"E	297.51'



SCALE

THIS IS TO CERTIFY THAT THE ABOVE DATA WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MEASUREMENTS OR DERIVED BY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 10-25-13  
REVISED: 06-25-13

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 28285  
STATE OF COLORADO  
10-28-13

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

SCALE 1" = 1000'

DATE SURVEYED: 06-14-13	DATE DRAWN: 06-17-13
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PARTY	L.S. A.G. J.W.	REFERENCES	G.L.O. PLAT
WEATHER	WARM	FILE	GREAT WESTERN OIL & GAS COMPANY