

1801 Broadway  
Suite 500  
Denver, Colorado 80202



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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**  
Spaur Brothers EH 31-262HN

Niobrara New Drill  
Township 7 North, Range 63 West, 6<sup>th</sup> P.M.  
Section 31  
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. 31-T7N-R63W**  
**320 acres**

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

Respectfully,

A handwritten signature in blue ink that reads "Shannon Hartnett". The signature is fluid and cursive, with the first name being more prominent.

Shannon Hartnett  
Regulatory Compliance Specialist  
Great Western Operating Company, LLC

T7N, R63W, 6th. P.M.

R  
R  
64  
63

W N88°29'12"E - 2624.77' (Meas.)

N89°48'10"E - 2613.10' (Meas.)

1998 Private Alum.  
Cap #12374,  
0.3' Below Ground,  
Lat: 40.537289,  
Long: 104.489192.

1998 Private Alum.  
Cap #12374,  
0.4' High,  
Lat: 40.537486,  
Long: 104.479750.

1998 Private Alum.  
Cap #12374,  
0.5' Below Ground,  
Lat: 40.537517,  
Long: 104.470350.

N01°23'03"W - 2674.33' (Meas.)

1998 Private Alum.  
Cap #12374,  
0.1' Below Ground,  
Lat: 40.529850,  
Long: 104.488947.

2013 Private Alum.  
Cap #34995,  
0.3' Below Ground,  
Lat: 40.530064,  
Long: 104.479736.

1995 Private Alum.  
Cap #17500,  
0.4' Below Ground,  
Lat: 40.530128,  
Long: 104.470008.

N89°08'21"E - 2560.76' (Meas.)

N89°08'12"E - 2621.51' (Meas.)

N00°12'01"W - 2673.92' (Meas.)

N00°57'35"W - 2641.38' (Meas.)

LOT 1  
LOT 2  
LOT 3  
Target Bottom Hole

N00°01'44"W  
2654.60' (Meas.)

N00°09'36"W  
2674.22' (Meas.)

1994 Private Alum.  
Cap #7242,  
1.2' Below Ground  
in Monument Box,  
Lat: 40.522700,  
Long: 104.488778.

2008 Alum. Cap #23520,  
0.4' Below Ground  
in Monument Box,  
Lat: 40.522775,  
Long: 104.479722.

2009 Alum. Cap #23520,  
0.4' Below Ground  
in Monument Box,  
Lat: 40.522836,  
Long: 104.470272.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S16°43'57"W	820.40'

MAD 83 (TARGET BOTTOM HOLE)		
LATITUDE = 40°31'37.68" (40.527133)	LATITUDE = 40°31'38.20" (40.527278)	LATITUDE = 40°31'45.97" (40.529436)
LONGITUDE = 104°28'13.88" (104.487192)	LONGITUDE = 104°28'19.02" (104.471950)	LONGITUDE = 104°28'15.97" (104.471103)
MAD 27 (TARGET BOTTOM HOLE)		
LATITUDE = 40°31'37.75" (40.527153)	LATITUDE = 40°31'38.27" (40.527297)	LATITUDE = 40°31'46.04" (40.529456)
LONGITUDE = 104°28'12.05" (104.486681)	LONGITUDE = 104°28'17.18" (104.471439)	LONGITUDE = 104°28'14.13" (104.470592)

PDOP = 2.0

GREAT WESTERN OIL & GAS COMPANY

Well location, SPAUR BROTHERS EH #31-262HN,  
located as shown in the NE 1/4 SE 1/4 of  
Section 31, T7N, R63W, 6th P.M., Weld County,  
Colorado.

BASIS OF ELEVATION

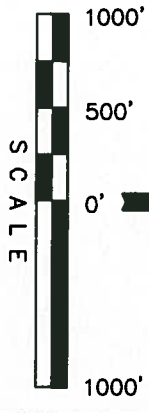
USGS COOPERATIVE BASE NETWORK CONTROL STATION,  
DESIGNATION "M414". NGS DATA SHEET LISTS THE  
NAVD 88 ELEVATION AS BEING 4600.58 FEET

BASIS OF BEARINGS

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

LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- ◇ = ENTRY POINT
- = 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  
STATE OF COLORADO  
08-17-13

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-29-13	DATE DRAWN: 09-14-13
PARTY Z.B. A.G. H.K.W.	REFERENCES G.L.O. PLAT	FILE GREAT WESTERN OIL & GAS COMPANY
WEATHER HOT		