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Denver, Colorado 80202



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November 21, 2013

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

RE: **Proposed Wellbore Spacing Unit**  
Spaur Brothers EH 31-379HN

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:

- **S½S½ Sec. 31-T7N-R63W**

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

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 Alum. Cap. #12374, 0.3' Below Ground Lot: 40.537289° Long: 104.488192°  
1998 Alum. Cap. #12374, 0.4' High Lot: 40.537486° Long: 104.479750°  
1998 Alum. Cap. #12374, 0.5' Below Ground Lot: 40.537517° Long: 104.470350°

LOT 2

N01°23'03"W - 2674.33' (Meas.)

N89°08'21"E - 2560.76' (Meas.) N00°01'33"W - 2704.41' (Meas.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N54°53'05"W	305.77'

1998 Alum. Cap. #12374, 0.1' Below Ground Lot: 40.532950° Long: 104.488947°  
2013 Alum. Cap. #34895, 0.3' Below Ground Lot: 40.530064° Long: 104.479736°  
1998 Alum. Cap. #17500, 0.4' Below Ground Lot: 40.530178° Long: 104.470308°

LOT 3

N00°57'35"W - 2641.38' (Meas.)

N00°01'44"W - 2654.60' (Meas.)

N00°09'36"W - 2674.22' (Meas.)

Target Bottom Hole  
EH 31-379HN  
Elev. Ungraded Ground = 4736'  
Entry Point

T7N  
T6N

1994 Alum. Cap. #7242, 1.2' Below Ground in Monument Box Lot: 40.522700° Long: 104.486778°  
2009 Alum. Cap. #23520, 0.4' Below Ground in Monument Box Lot: 40.522775° Long: 104.479722°  
2009 Alum. Cap. #23520, 0.4' Below Ground in Monument Box Lot: 40.522836° Long: 104.470272°

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (ENTRY POINT)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°31'26.42"	(40.524006)	LATITUDE = 40°31'26.82"	(40.524117)	LATITUDE = 40°31'25.08"	(40.523633)
LONGITUDE = 104°29'13.63"	(104.487119)	LONGITUDE = 104°28'18.96"	(104.471933)	LONGITUDE = 104°28'15.72"	(104.471033)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (ENTRY POINT)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°31'26.49"	(40.524025)	LATITUDE = 40°31'26.89"	(40.524136)	LATITUDE = 40°31'25.15"	(40.523653)
LONGITUDE = 104°29'11.79"	(104.486808)	LONGITUDE = 104°28'17.12"	(104.471422)	LONGITUDE = 104°28'13.88"	(104.470522)

PDOP = 1.4

**GREAT WESTERN OIL & GAS COMPANY**  
Well location, SPAUR BROTHERS EH 31-379HN, located as shown in the SE 1/4 SE 1/4 of Section 31, T7N, R63W, 6th P.M., Weld County, Colorado.

**BASIS OF ELEVATION**

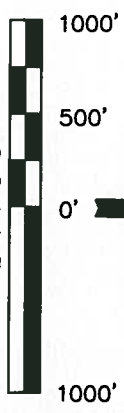
USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION 'M414'. NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4600.58 FEET

**BASIS OF BEARINGS**

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

**LEGEND:**

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



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLATS WERE PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY OUR UNDEP. BY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 10-28-13 H.K.W.  
REVISED: 09-12-13 H.K.W.  
REVISED: 06-12-13 J.W.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 10000  
STATE OF COLORADO 90-28-13

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	01-07-13	01-08-13
PARTY	REFERENCES	
D.L.S. J.H. A.D.	G.L.O. PLAT	
WEATHER	FILE	
COLD	GREAT WESTERN OIL & GAS COMPANY	