



1700 Broadway
Suite 650
Denver, CO 80290

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Facsimile: 866.742.1784
www.gwogco.com

November 5, 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**
Campbell JF #17-6D (Surface 1,512' FNL and 1,525' FEL) Sec. 17, (Bottom 1,320' FNL and 2,640' FEL) Sec. 17
Campbell JF #17-13D (Surface 1,512' FNL and 1,510' FEL) Sec. 17, (Bottom 2,640' FNL and 2,640' FEL) Sec. 17
Campbell JF #17-41D (Surface 1,512' FNL and 1,465' FEL) Sec. 17, (Bottom 1,320' FNL and 0' FEL) Sec. 17

Niobrara/Codell New Drills
Township 2 North, Range 65 West, 6th P.M.
Section 17: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:

- E/2NW/4, W/2NE/4 of Section 17 for the **Campbell JF #17-6D**
- SW/4NE/4, NW/4SE/4, NE/4SW/4 and SE/4NW/4 of Section 17 for **Campbell JF #17-13D**
- E/2NE/4 of Section 17 and W/2NW/4 of Section 16 for the **Campbell JF #17-41D**

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 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

T2N, R65W, 6th P.M.

2000 Private Alum.
Cap. 0.6' Below Ground
LS #258034
Lat: 40.145958°
Long: 104.697269°

2001 Alum. Cap
0.6' Below Ground
LS #258037
Lat: 40.145961°
Long: 104.697331°

1999 Alum. Cap
0.8' Below Ground
PLS #28650
Lat: 40.145958°
Long: 104.678394°

GREAT WESTERN OIL & GAS COMPANY
Well location, CAMPBELL JF #17-6D, located as shown in the SW 1/4 NE 1/4 of Section 17, T2N, R65W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "HUDSON". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4999 FEET

BASIS OF BEARINGS

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

DETAIL

SCALE: NONE

SCALE

100' 50' 0' 50' 100'

0

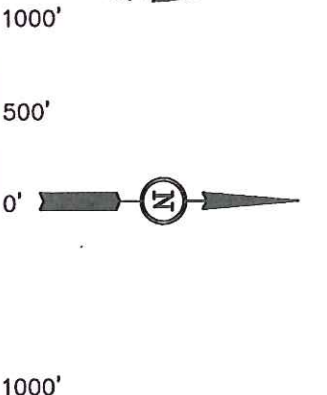
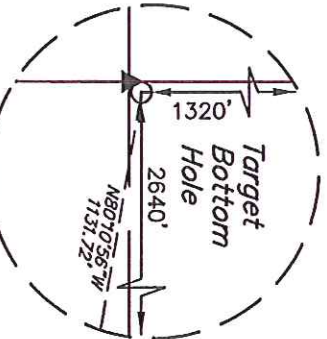
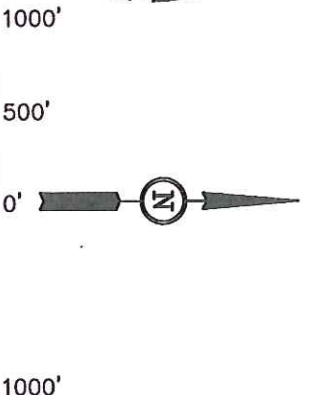
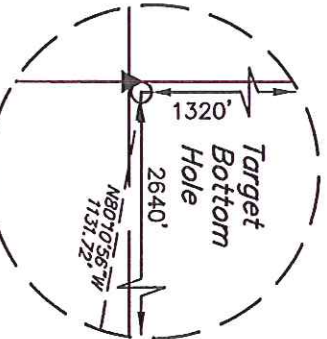
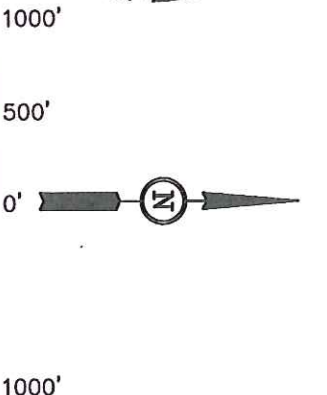
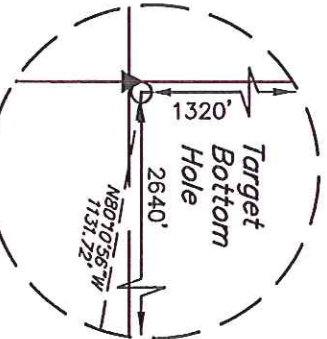
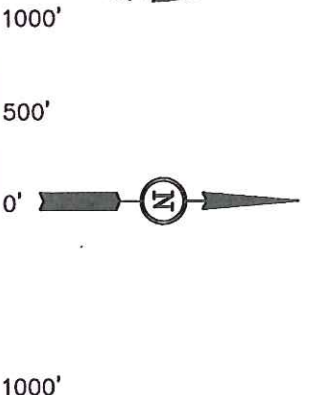
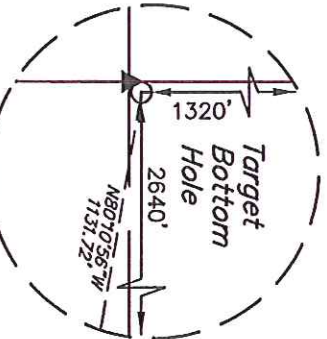
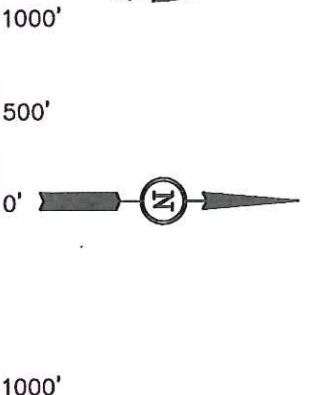
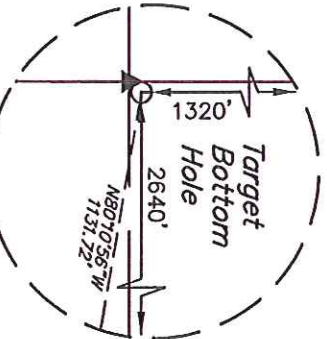
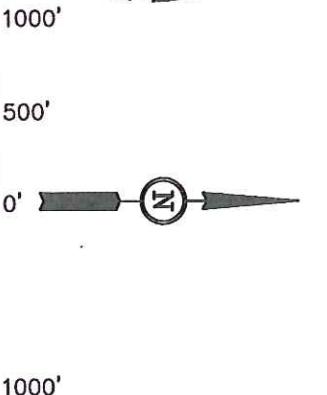
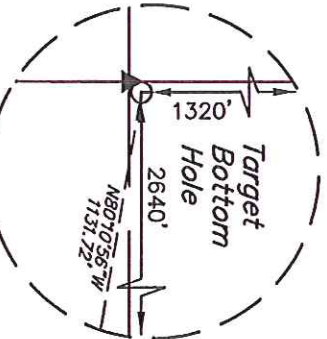
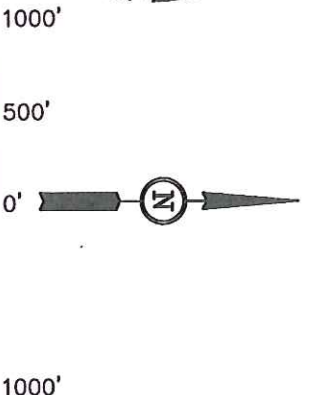
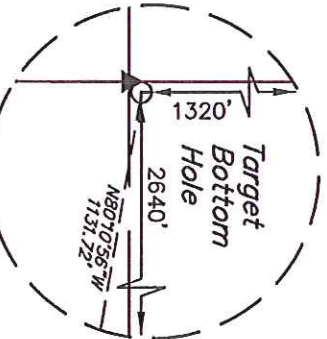
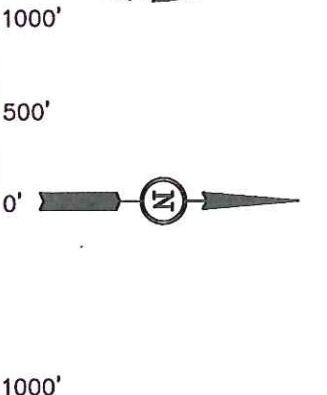
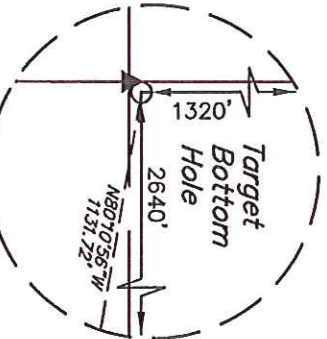
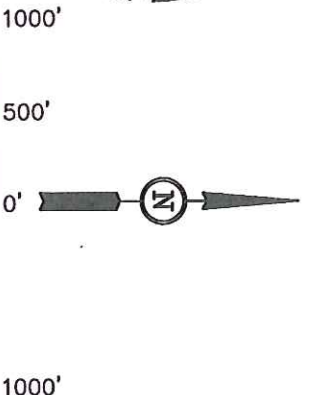
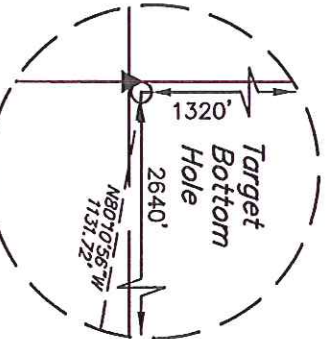
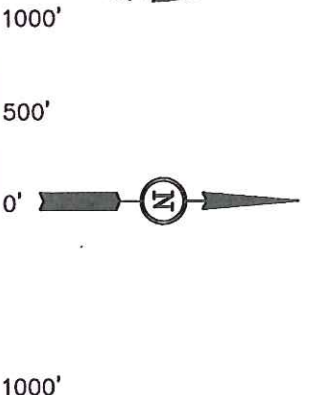
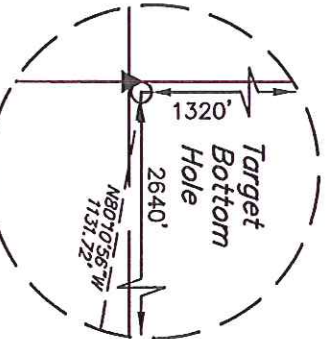
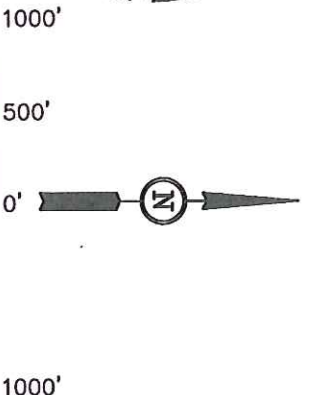
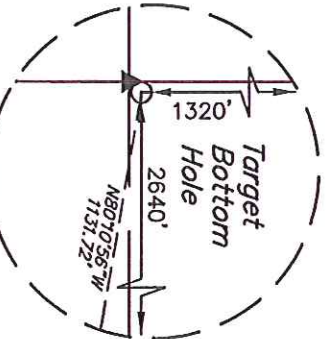
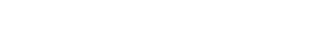
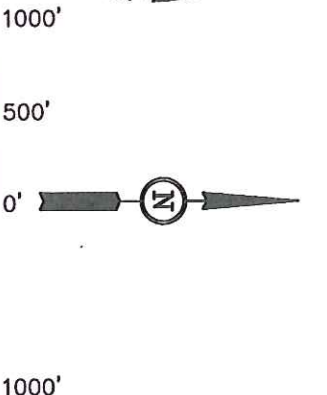
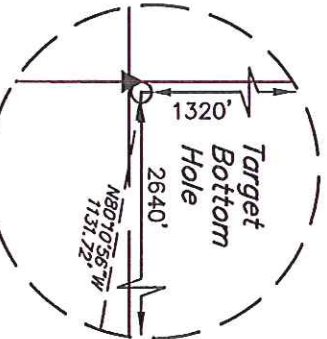
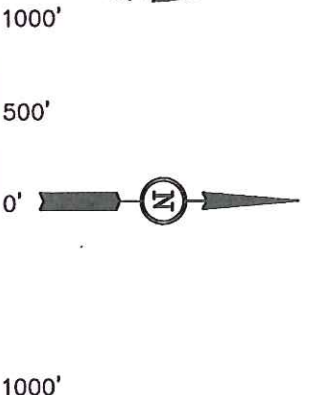
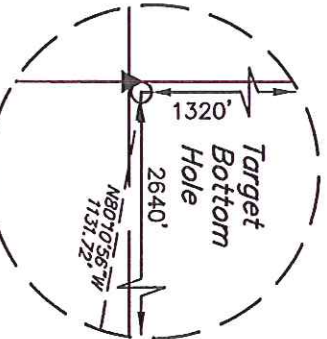
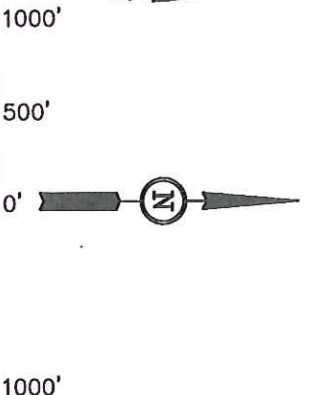
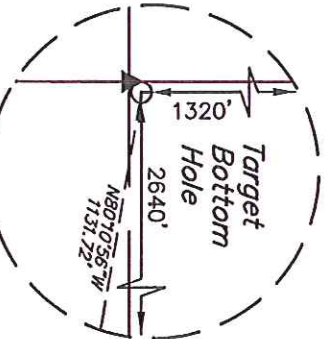
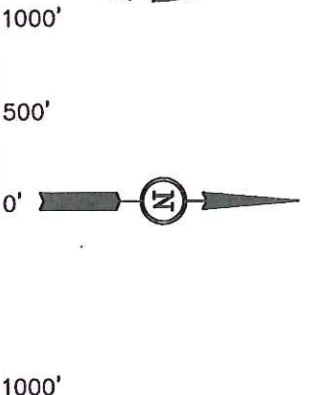
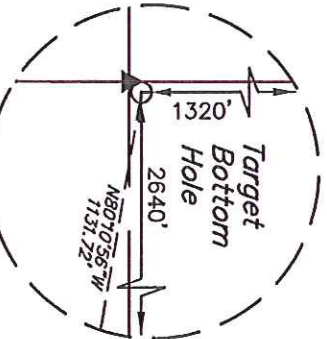
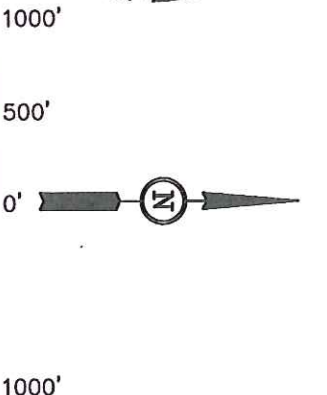
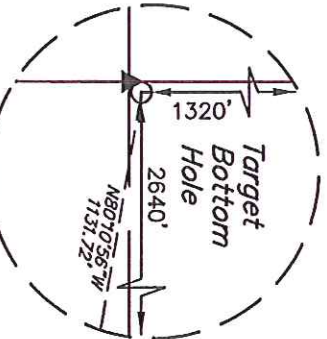
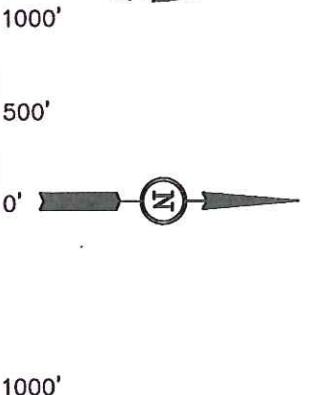
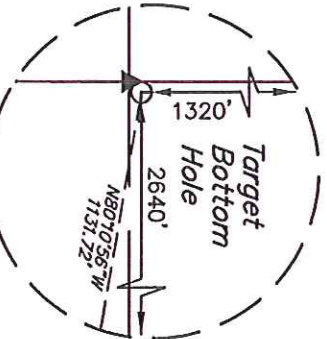
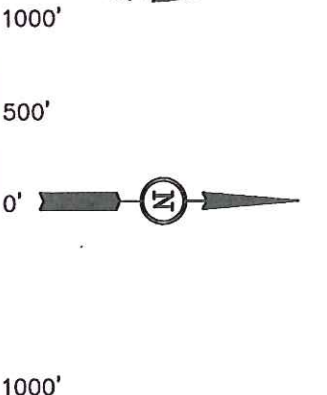
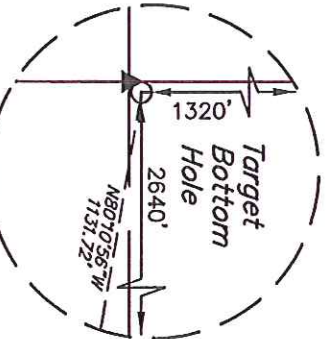
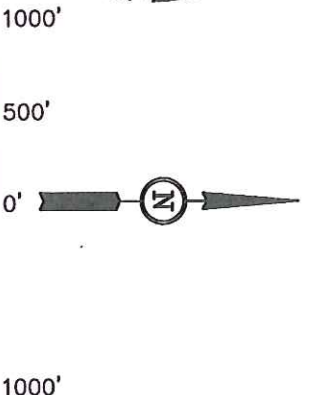
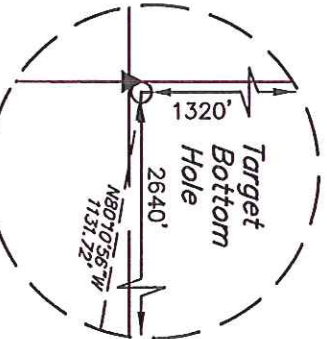
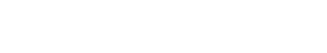
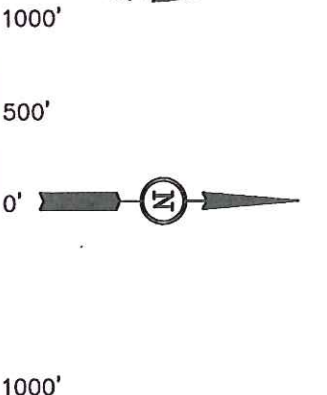
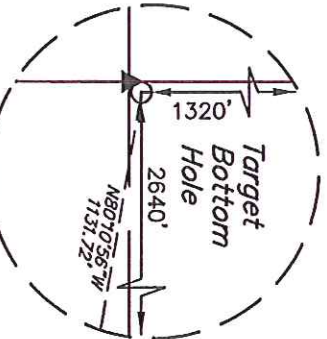
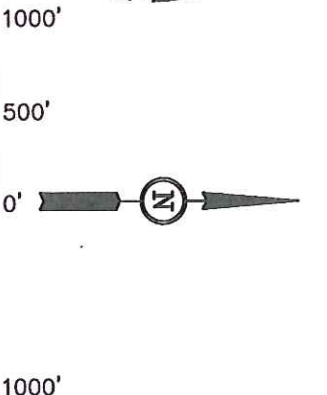
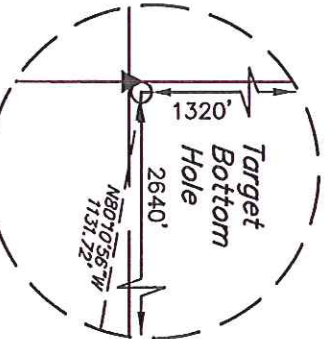
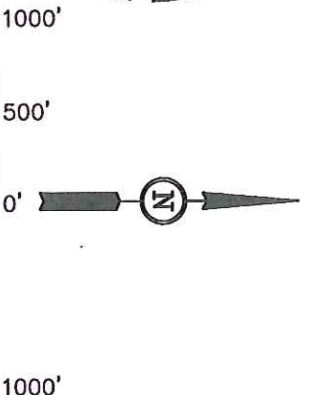
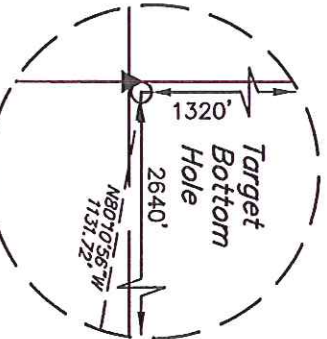
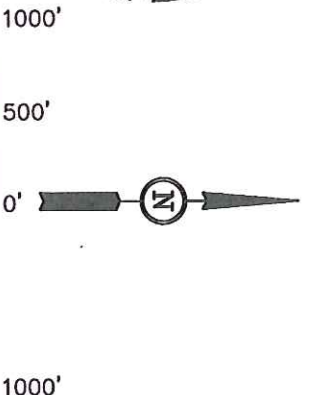
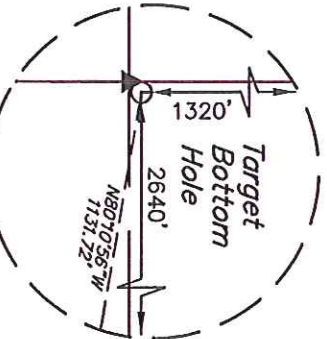
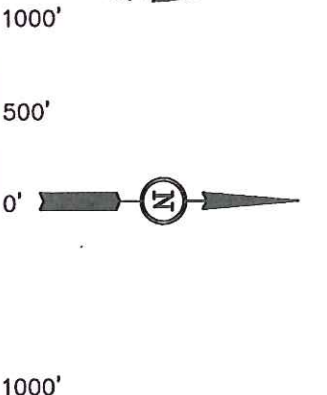
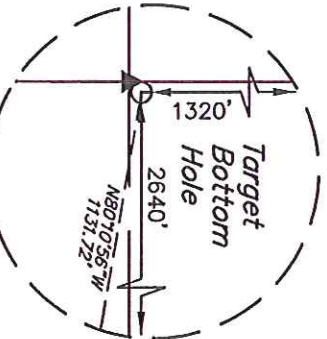
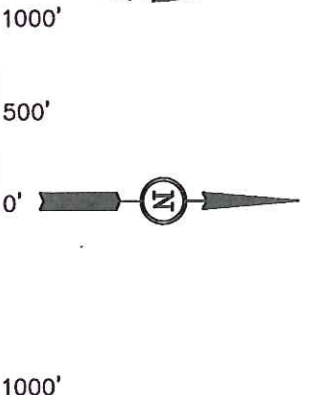
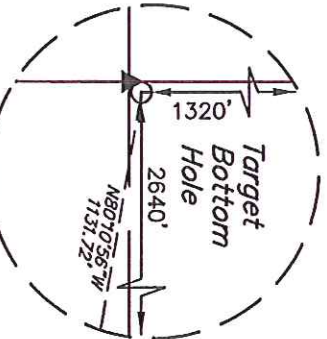
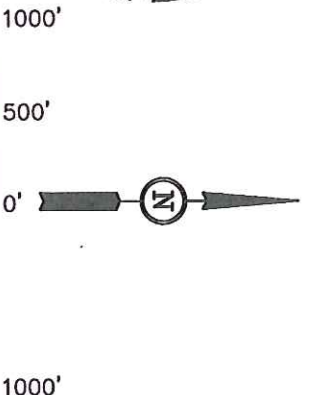
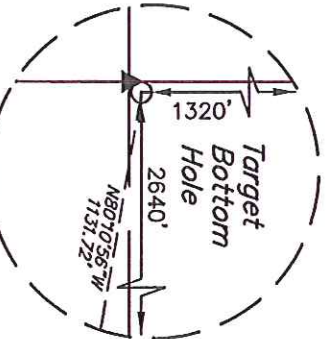
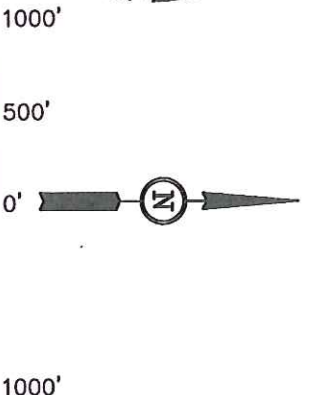
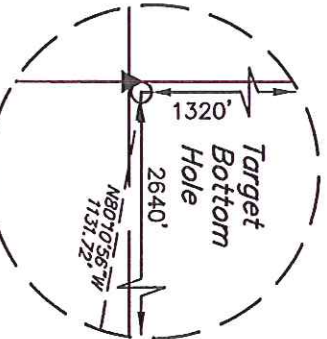
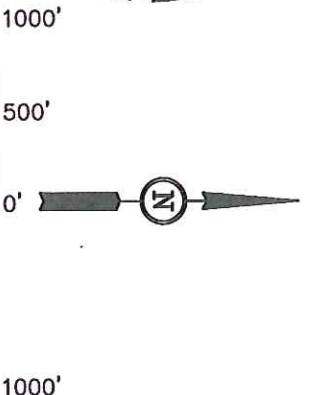
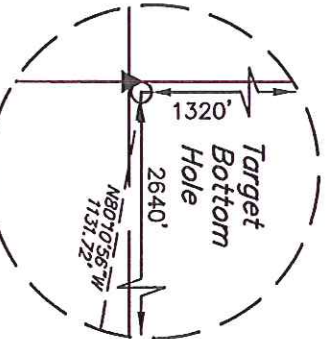
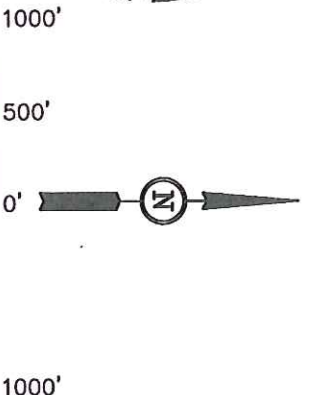
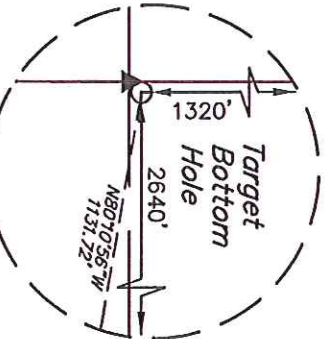
100'

100'

100'

100'

100'



PROPOSED WELLBORE SPACING UNIT

T2N, R65W, 6th P.M.

2000 Private Alum.
Cap, 0.6' Below Ground
Lat: 40.145958°
Long: 104.697269°

2001 Alum. Cap
0.6' Below Ground
LS #23937
Lat: 40.145961°
Long: 104.687831°

1999 Alum. Cap
0.6' Below Ground
PLS #28657
Lat: 40.145958°
Long: 104.678394°

N89°58'43"W - 2638.67' (Meas.)

N89°58'25"W - 2638.37' (Meas.)

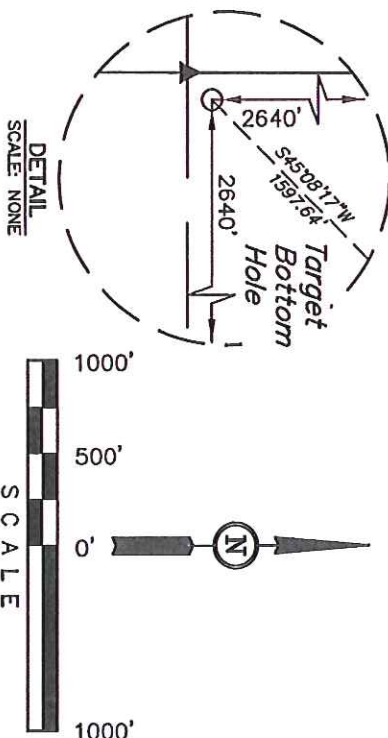
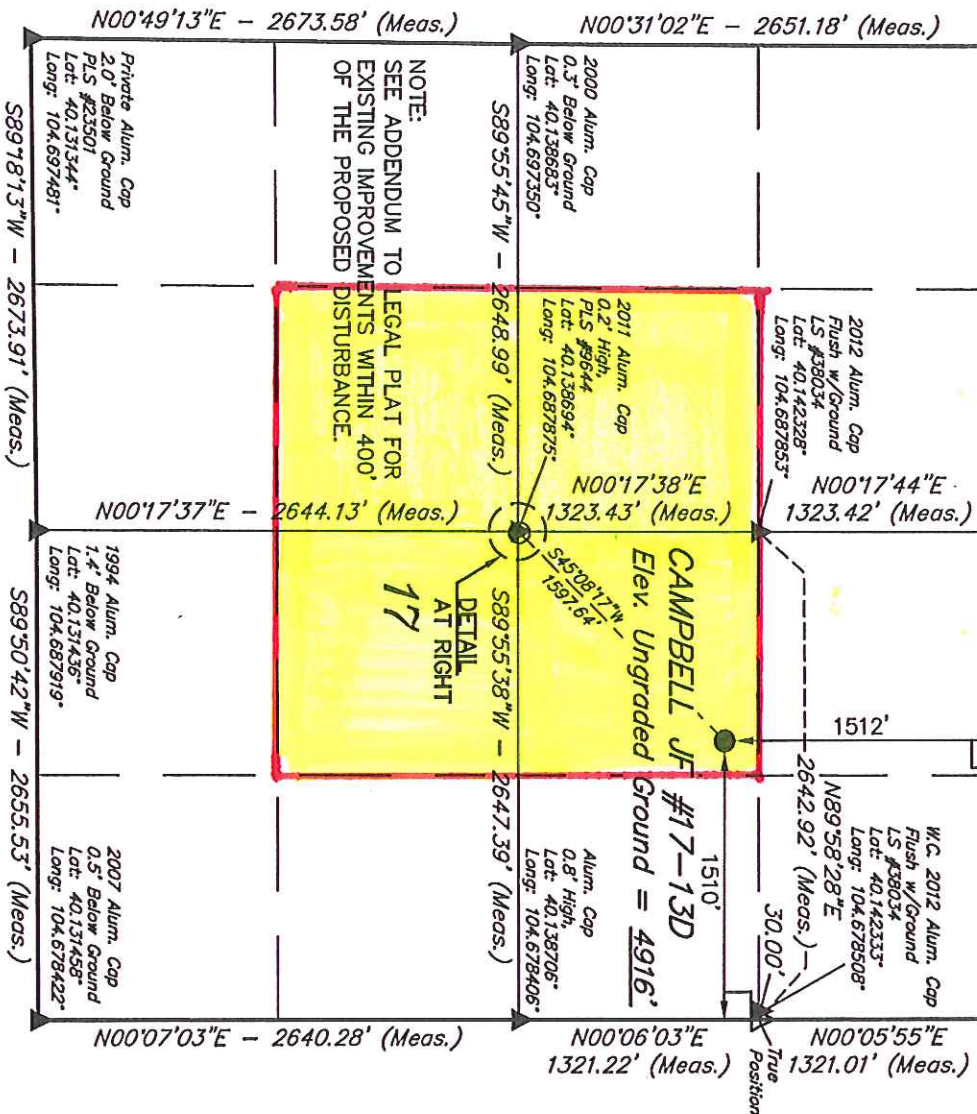
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Well location, CAMPBELL JF #17-13D, located as shown in the SW 1/4 NE 1/4 of Section 17, T2N, R65W, 6th P.M., Weld County, Colorado.

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DESIGNATION 'HUDSON'. NGS DATA SHEET LISTS THE
NAVD 88 ELEVATION AS BEING 4999 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. 14521
STATE OF COLORADO
9-04-12

REV: 10-04-12

UTIAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
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PROPOSED WELLBORE SPACING UNIT

T2N, R65W, 6th P.M.

GREAT WESTERN OIL & GAS COMPANY

Well location, CAMPBELL JF #17-41D, located as shown in the SW 1/4 NE 1/4 of Section 17, T2N, R65W, 6th P.M., Weld County, Colorado.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "HUDSON". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 4999 FEET

BASIS OF BEARINGS

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

2000 Private Alum.
Cap. 0.6' Below Ground
Lat: 40.145958°
Long: 104.697269°

2001 Alum. Cap
0.6' Below Ground
PLS #25337
Lat: 40.145961°
Long: 104.687831°

1999 Alum. Cap
0.8' Below Ground
PLS #28650
Lat: 40.145958°
Long: 104.678394°

N00°31'02"E - 2651.18' (Meas.)

2000 Alum. Cap
0.3' Below Ground
LS #38034
Lat: 40.138683°
Long: 104.697350°

S89°55'45"W - 2648.99' (Meas.)

N00°17'38"E
1323.43' (Meas.)

CAMPBELL JF #17-41D
Elev. Ungraded Ground = 4916'

2011 Alum. Cap
0.2' High, PLS #3644
Lat: 40.138694°
Long: 104.687875°

Alum. Cap
0.8' High
Lat: 40.138706°
Long: 104.678406°

N00°06'03"E
1321.22' (Meas.)

2012 Alum. Cap
Flush w/Ground
LS #38034
Lat: 40.142328°
Long: 104.687853°

N00°17'44"E
1323.42' (Meas.)

W.C. 2012 Alum. Cap
Flush w/Ground
LS #38034
Lat: 40.142333°
Long: 104.678508°

N00°05'55"E
1321.01' (Meas.)

N00°49'13"E - 2673.58' (Meas.)

Private Alum. Cap
2.0' Below Ground
PLS #23501
Lat: 40.131344°
Long: 104.697481°

S89°18'13"W - 2673.91' (Meas.)

N00°17'37"E - 2644.13' (Meas.)

1994 Alum. Cap
1.4' Below Ground
Lat: 40.131436°
Long: 104.687919°

S89°50'42"W - 2655.53' (Meas.)

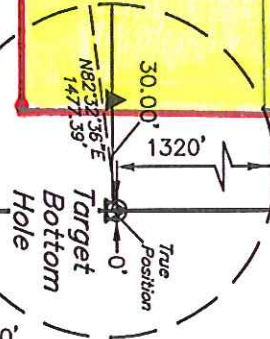
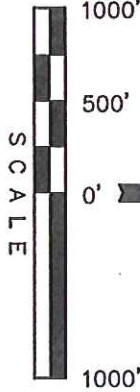
2007 Alum. Cap
0.5' Below Ground
Lat: 40.131458°
Long: 104.678422°

N00°07'03"E - 2640.28' (Meas.)

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

17

DETAIL
SCALE: NONE



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 90-04-12

REV. 10-04-12

UNTAR ENGINEERING & LAND SURVEYING
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SCALE 1" = 1000'

DATE SURVEYED: 09-25-12 DATE DRAWN: 09-28-12

PARTY D.N. G.W. J.W. REFERENCES G.L.O. PLAT

WEATHER WARM FILE GREAT WESTERN OIL & GAS COMPANY

LEGEND:

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

PDOP = 1.5

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°08'32.41" (40.142336)
LONGITUDE = 104°40'42.24" (104.678400)

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'30.51" (40.141808)
LONGITUDE = 104°41'01.10" (104.683639)

NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°08'32.47" (40.142353)
LONGITUDE = 104°40'40.36" (104.677878)

NAD 27 (SURFACE LOCATION)
LATITUDE = 40°08'30.57" (40.141825)
LONGITUDE = 104°40'59.22" (104.683117)