

T5N, R61W, 6th P.M.

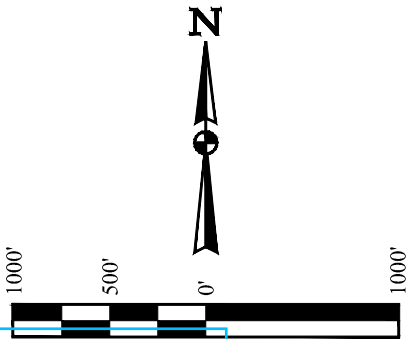
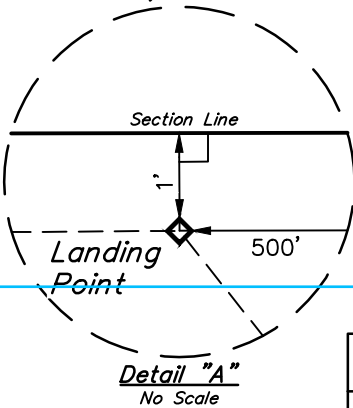
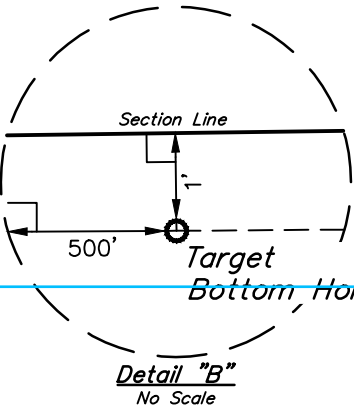
BILL BARRETT CORPORATION

KUNSEMILLER 5-61-20 19 NW21 PAD #5-61-20-0801B2B  
NW 1/4 NW 1/4, SECTION 21, T5N, R61W, 6th P.M.  
WELD COUNTY, COLORADO

BASIS OF BEARINGS

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 24, T5N, R62W, 6th. P.M. TAKEN FROM THE POINT OF ROCKS, QUADRANGLE, COLORADO, WELD COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4530 FEET.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N38°28'53"W	1289.91'

R  
62  
W  
2006 Alum. Cap,  
Intersection  
of 4 Fences  
Lat: 40.393656°  
Long: 104.261780°

S89°15'05"W - 5272.99' (Meas.)

2004 Alum. Cap,  
0.3' Below Ground  
Lat: 40.393844°  
Long: 104.242856°

S89°53'19"W - 5343.49' (Meas.)

Brass Cap,  
0.5' Below Ground  
Lat: 40.393867°  
Long: 104.223675°

N88°57'53"W - 5361.64' (Meas.)

1996 Alum. Cap,  
0.5' Below Ground,  
Rebar  
Lat: 40.393594°  
Long: 104.204436°

Target  
Bottom Hole  
See Detail "B"  
@ Above Right

See Detail "A"  
@ Above Left

KUNSEMILLER 5-61-20\_19 NW21  
PAD #5-61-20-0801B2B  
Elev. Ungraded Ground = 4635.1'

N00°18'22"W - 5342.13' (Meas.)

N00°09'24"W - 5509.39' (Meas.)

N00°09'03"W - 5350.86' (Meas.)

N00°24'11"E - 5369.09' (Meas.)

1999 Alum. Cap,  
#7242, Flush W/Ground  
Lat: 40.378997°  
Long: 104.261678°

N88°55'41"W - 5260.00' (Meas.)

1999 Alum. Cap,  
#7242, Flush W/Ground  
Lat: 40.378725°  
Long: 104.242806°

S88°11'31"W - 2672.19' (Meas.)

1999 Alum. Cap,  
#7242, 0.2' High  
Lat: 40.378953°  
Long: 104.233219°

PDOP = 1.3

S88°11'11"W - 2672.99' (Meas.)

Brass Cap,  
0.5' Below Ground  
Lat: 40.379183°  
Long: 104.223633°

N88°45'33"W - 5310.15' (Meas.)

1996 Alum. Cap,  
0.5' Below Ground  
Lat: 40.378858°  
Long: 104.204583°

LEGEND:

- 90° SYMBOL
- PROPOSED WELLHEAD.
- TARGET BOTTOM HOLE.
- LANDING POINT
- SECTION CORNERS LOCATED. (NAD 83)

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (LANDING POINT)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°23'37.22" (40.393672)	LATITUDE = 40°23'37.91" (40.393864)	LATITUDE = 40°23'27.93" (40.391092)
LONGITUDE = 104°15'35.95" (104.259986)	LONGITUDE = 104°13'31.69" (104.225469)	LONGITUDE = 104°13'21.33" (104.222592)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (LANDING POINT)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°23'37.28" (40.393689)	LATITUDE = 40°23'37.97" (40.393881)	LATITUDE = 40°23'27.99" (40.391108)
LONGITUDE = 104°15'34.12" (104.259478)	LONGITUDE = 104°13'29.87" (104.224964)	LONGITUDE = 104°13'19.51" (104.222086)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1388669.76 E: 3345377.99	N: 1388875.75 E: 3354989.61	N: 1387877.56 E: 3355806.08
STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)
N: 388671.40 E: 2345527.98	N: 388877.34 E: 2355139.80	N: 387879.18 E: 2355956.30

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.

CERTIFICATE



UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

SURVEYED BY: CHAD MEIERS, C.M.		DATE: 10-27-15
DRAWN BY: C.C.		DATE DRAWN: 11-05-15
SCALE: 1" = 1000'		REVISED: 00-00-00
WELL LOCATION PLAT		