

T5N, R61W, 6th P.M.

BILL BARRETT CORPORATION

HAWKINS 5-61-20 19 SW 21 PAD #5-61-20-4033B2
NW 1/4 SW 1/4, SECTION 21, T5N, R61W, 6th P.M.
WELD COUNTY, COLORADO

BASIS OF BEARINGS

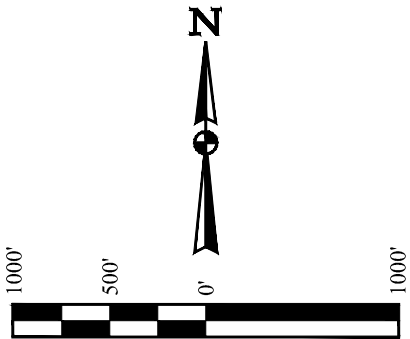
BASIS OF BEARINGS IS A G.P.S. OBSERVATION

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.

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S80°49'01"W	810.14'



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

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

R 62
W 61
2006 Alum. Cap,
Intersection
of 4 Fences
Lat: 40.393656°
Long: 104.261780°

S89°15'05"W - 5272.99' (Meas.)

S89°53'19"W - 5343.49' (Meas.)

N88°57'53"W - 5361.64' (Meas.)

N00°18'22"W - 5342.13' (Meas.)

N00°09'24"W - 5509.39' (Meas.)

N00°24'11"E - 5369.09' (Meas.)

N00°09'03"W - 5350.86' (Meas.)

S89°36'58"W
9608.11'

N88°55'41"W - 5260.00' (Meas.)

S88°11'31"W - 2672.19' (Meas.)

S88°11'11"W - 2672.99' (Meas.)

N88°45'33"W - 5310.15' (Meas.)

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

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

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

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

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

LEGEND:

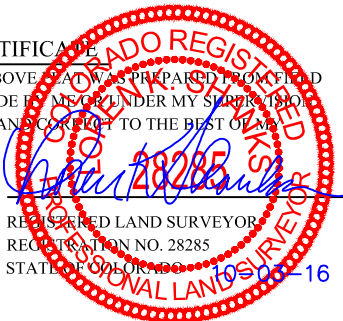
- 90° SYMBOL
- PROPOSED WELLHEAD.
- TARGET BOTTOM HOLE.
- LANDING POINT.
- SECTION CORNERS LOCATED. (NAD 83)

NAD 83 (SURFACE LOCATION)	NAD 83 (LANDING POINT)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°23'09.27" (40.385908)	LATITUDE = 40°23'07.99" (40.385553)	LATITUDE = 40°23'07.38" (40.385383)
LONGITUDE = 104°13'21.27" (104.222575)	LONGITUDE = 104°13'31.61" (104.225447)	LONGITUDE = 104°15'35.74" (104.259928)
NAD 27 (SURFACE LOCATION)	NAD 27 (LANDING POINT)	NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°23'09.33" (40.385925)	LATITUDE = 40°23'08.06" (40.385572)	LATITUDE = 40°23'07.44" (40.385400)
LONGITUDE = 104°13'19.45" (104.222069)	LONGITUDE = 104°13'29.79" (104.224942)	LONGITUDE = 104°15'33.92" (104.259422)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1385989.62 E: 3355837.51	N: 1385849.22 E: 3355039.84	N: 1385650.77 E: 3345436.28
STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)	STATE PLANE NAD 27 (CO. NORTH)
N: 385991.30 E: 2355987.74	N: 385850.90 E: 2355190.05	N: 385652.49 E: 2345586.29

PDOP = 1.4

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.



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

SURVEYED BY	GREG WEIMER, D.S.	09-13-16	SCALE
DRAWN BY	C.D.L.	09-27-16	1" = 1000'

WELL LOCATION PLAT