T5S, R96W, 6th P.M.

LEGEND:

= 90° SYMBOL

= PROPOSED WELLHEAD.

= TARGET BOTTOM HOLE.

= SECTION CORNERS LOCATED. (NAD 83)

= SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.) (NAD 83)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°57'05"E	623.70'
L2	S89°54'44"E	1114.74'

1917 Brass Cap
2.3' High
Lat: 39.636808°
Long: 108.164797°

S89°59'42"W – 2638.90' (Meas.)

1917 Brass Cap
1.3' High
Lat: 39.636814°
Long: 108.155431°

S89°55'33"W – 2619.23' (Meas.)

1917 Brass Cap
1.3' High
Lat: 39.636825°
Long: 108.146133°

S00°02'33"E – 2632.90' (Meas.)

N00°09'45"W – 2633.18' (Meas.)

1917 Brass Cap
2.5' High, Mound of Stones
Lat: 39.629583°
Long: 108.164786°

10

NPR 11C-15 596
Elev. Graded Ground = 6708.7'

1917 Brass Cap
2.0' High
Lat: 39.629600°
Long: 108.146103°

N00°03'53"W – 2642.02' (Meas.)

2523'

S25°32'15"W
2830.69'

1865'

N00°08'22"E – 2647.60' (Meas. to True)

N89°57'05"W – 2637.38'
(Meas. to True)

True Position
Lat: 39.622328°
Long: 108.155408°

True Position
Lat: 39.622333°
Long: 108.146122°

N89°54'44"W
2630.73' (Meas. to True)

1917 Brass Cap
2.0' High, Pine Post
Lat: 39.622331°
Long: 108.164769°

L1

W.C.
1917 Brass Cap
Lat: 39.622331°
Long: 108.157622°

S89°59'59"W – 2616.84' (True to True)

L2

W.C. SE Cor. Sec. 10
1917 Brass Cap, 2.0' High
Lat: 39.622328°
Long: 108.142167°

S 1/4 Cor. Sec. 11
1917 Brass Cap,
2.3' High
Lat: 39.622325°
Long: 108.136786°

660'

1301'

Target
Bottom Hole

S00°02'26"W – 2640.94' (Meas.)

N00°18'01"W – 2624.77' (Meas. to True)

1917 Brass Cap
0.7' High
Lat: 39.615083°
Long: 108.164769°

15

1917 Brass Cap
1.5' High, Mound of Stones, Steel Post
Lat: 39.615128°
Long: 108.146069°

S00°02'20"W – 2638.27' (Meas.)

N00°02'50"W – 2640.06' (Meas.)

1917 Brass Cap
1.6' High
Lat: 39.607842°
Long: 108.164769°

S89°50'32"E – 2635.25' (Meas.)

1917 Brass Cap
1.5' High
Lat: 39.607828°
Long: 108.155419°

N89°34'40"E – 2638.64' (Meas.)

1917 Brass Cap
0.2' High, Wooden Post
Lat: 39.607883°
Long: 108.146058°

PDOP = 3.3

NAD 83 (SURFACE LOCATION)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 39°37'38.81" (39.627447)	LATITUDE = 39°37'13.57" (39.620436)
LONGITUDE = 108°09'20.97" (108.155825)	LONGITUDE = 108°09'36.55" (108.160153)
NAD 27 (SURFACE LOCATION)	**NAD 27 (TARGET BOTTOM HOLE)**
LATITUDE = 39°37'38.90" (39.627472)	LATITUDE = 39°37'13.65" (39.620458)
LONGITUDE = 108°09'18.68" (108.155189)	LONGITUDE = 108°09'34.25" (108.159514)
UTM NAD 27 (ZONE 12)	**UTM NAD 27 (ZONE 12)**
N: 14403088.24 E: 2441503.90	N: 14400496.00 E: 2440366.40

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND LOCATION AS SHOWN WAS STAKED ON THE GROUND 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.

COLORADO LICENSED
NELSON MARSHALL
38130
PROFESSIONAL LAND SURVEYOR

Harold Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO. 38130
STATE OF COLORADO

09-14-17

REV: 1 09-14-17 M.D. (WELL NAME CORRECTION)

BASIS OF BEARINGS

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T5S, R95W, 6th P.M., TAKEN FROM THE FORKED GULCH QUADRANGLE, GARFIELD COUNTY, COLORADO, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5966 FEET.

UINTAH ENGINEERING & LAND SURVEYING

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

N

Caerus Oil & Gas LLC

NPR 11C-15 596
NE 1/4 SW 1/4, SECTION 10, T5S, R96W, 6th P.M.
GARFIELD COUNTY, COLORADO

SURVEYED BY	BART HUNTING, J.F.	08-28-17	SCALE
DRAWN BY	M.D.	09-06-17	1" = 1000'

WELL LOCATION PLAT