



**LEGEND:**

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

**T11N, R63W, 6th P.M.**

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N72°04'07"E	925.61'
L2	S42°08'29"W	785.71'

**N**

1000'  
500'  
0'  
1000'

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

**BASIS OF ELEVATION**  
SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 1, T11N, R63W, 6th P.M. TAKEN FROM THE HEREFORD, 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 5352 FEET.

**PDOP = 1.2**

NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°54'57.43"	(40.915953)
LONGITUDE = 104°24'56.88"	(104.415800)
NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°54'57.49"	(40.915969)
LONGITUDE = 104°24'55.03"	(104.415286)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1578365.46 E: 3299655.51	
STATE PLANE NAD 27 (CO. NORTH)	
N: 578363.47 E: 2299804.90	

NAD 83 (HEEL)	
LATITUDE = 40°54'51.67"	(40.914353)
LONGITUDE = 104°25'03.74"	(104.417706)
NAD 27 (HEEL)	
LATITUDE = 40°54'51.73"	(40.914369)
LONGITUDE = 104°25'01.89"	(104.417192)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1577776.35 E: 3299135.90	
STATE PLANE NAD 27 (CO. NORTH)	
N: 577774.37 E: 2299285.29	

NAD 83 (TARGET BOTTOM HOLE)	
LATITUDE = 40°53'13.41"	(40.887058)
LONGITUDE = 104°25'01.88"	(104.417189)
NAD 27 (TARGET BOTTOM HOLE)	
LATITUDE = 40°53'13.47"	(40.887075)
LONGITUDE = 104°25'00.04"	(104.416678)
STATE PLANE NAD 83 (CO. NORTH)	
N: 1567833.61 E: 3299399.52	
STATE PLANE NAD 27 (CO. NORTH)	
N: 567831.82 E: 2299548.86	

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP 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. 28285  
STATE OF COLORADO

REV: 1 02-24-17 T.B. (HEEL CHANGE)

**FIFTH CREEK ENERGY COMPANY, LLC**

**CRITTER CREEK #562-1527H**  
SW 1/4 SE 1/4, SECTION 15, T11N, R63W, 6th P.M.  
WELD COUNTY, COLORADO

**UINTAH**  
ENGINEERING & LAND SURVEYING

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

SURVEYED BY	GREG WEIMER, N.P.	01-20-17	SCALE
DRAWN BY	T.B.	01-24-17	1" = 1000'

**WELL LOCATION PLAT**