

LEGEND:
 = PROPOSED WELLHEAD.
 = TARGET BOTTOM HOLE.
 = TARGET 1 LOCATION.
 = MID-LATERAL TARGET.
 = SECTION CORNERS LOCATED. (NAD 83)

NOTE:
 Distances referenced on plat to section lines are perpendicular.

T5N, R61W, 6th P.M.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N72°32'14"W	2279.21'

2007 Alum. Cap. #38019, 0.3" High Lot: 40.466547" Long: 104.242889" SP: NAD83 (CO. NORTH) N: 1415209.81 E: 3349784.07	2011 Alum. Cap. #17492, 0.5" Below Ground Lot: 40.466452" Long: 104.223687" SP: NAD83 (CO. NORTH) N: 1415354.08 E: 3350105.77
2007 Alum. Cap. #38019, 0.3" High Lot: 40.451889" Long: 104.242950" SP: NAD83 (CO. NORTH) N: 1409942.30 E: 3349821.76	2012 Alum. Cap. #16847, 0.1" Below Ground, 1-Post Lot: 40.451919" Long: 104.233312" SP: NAD83 (CO. NORTH) N: 1409992.16 E: 3352503.44
2018 Alum. Cap. #28285, 0.8" Below Ground Lot: 40.444694" Long: 104.223678" SP: NAD83 (CO. NORTH) N: 1407386.88 E: 3355222.41	2012 Alum. Cap. #16847, 0.3" Below Ground Lot: 40.437446" Long: 104.233346" SP: NAD83 (CO. NORTH) N: 1404720.09 E: 3352569.41
2004 Alum. Cap. #7242, 0.2" Below Ground Lot: 40.422866" Long: 104.242900" SP: NAD83 (CO. NORTH) N: 1399276.75 E: 3349865.20	2017 Alum. Cap. #38458, 0.5" Below Ground, at E of Intersection Lot: 40.422866" Long: 104.223674" SP: NAD83 (CO. NORTH) N: 1399447.72 E: 3355337.93

PDOP = 1.3

NAD 83 (SURFACE LOCATION)	NAD 83 (TARGET 1 LOCATION)	NAD 83 (MID-LATERAL TARGET)	NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°20'12.55" (40.338127°)	LATITUDE = 40°20'13.40" (40.338767°)	LATITUDE = 40°27'06.84" (40.451900°)	LATITUDE = 40°27'54.28" (40.466579°)
LONGITUDE = 104°13'52.80" (104.231344°)	LONGITUDE = 104°14'20.83" (104.239121°)	LONGITUDE = 104°14'20.68" (104.239078°)	LONGITUDE = 104°14'20.46" (104.239018°)
STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)	STATE PLANE NAD 83 (CO. NORTH)
N: 1404497.03 E: 3353132.75	N: 1405168.58 E: 3350955.48	N: 1409962.34 E: 3350899.24	N: 1414765.09 E: 3350847.69

BASIS OF BEARINGS
 TRANSVERSE MERCATOR PROJECTION WITH
 A CENTRAL MERIDIAN OF W105°00'00".
BASIS OF ELEVATION
 OPUS SOLUTION GENERATED NAVD 88

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

CERTIFICATION
 THIS IS TO CERTIFY THAT THE ABOVE
 NOTES OF ACTUAL SURVEYS MADE
 AND THAT THE SAME ARE TRUE AND
 KNOWLEDGE AND BELIEF.

**BONANZA CREEK ENERGY
 OPERATING COMPANY, LLC**
 MULE DEER FEDERAL J14-32-29XRLNB
 LOT 2, SECTION 5, T5N, R61W, 6th P.M.
 WELD COUNTY, COLORADO

REV: 1 06-19-19 T.B.S. (SHL CHANGES)

WELL LOCATION PLAT