



NOTES:

1. PDOP VALUE 1.6: DATE OF SURVEY 9-2-15
2. GPS OPERATOR: MIKE JOHNSON
3. VEGETATION: RANGE GRASSES
4. SURFACE USE: RANGE
5. GEODETIC COORDINATES ON WELL CERTIFICATIONS.
6. * CONTRACTOR SHALL PLACE TOPSOIL AND SPOILS PILE AT OWNERS DISCRETION

DESIGN INFORMATION & EARTH VOLUMES

DESIGN GRADE OF RIG PAD = 4566.5±
CUT SLOPES = 3:1
FILL SLOPES = 4:1/3:1/2:1
TOTAL CUT FOR WELL PAD = 14,495 C.Y.
TOTAL FILL FOR WELL PAD = 11,436 C.Y.
TOPSOIL @ 6" DEPTH (ESTIMATED) = 2,666 C.Y.
SHRINKAGE (10%) = 1,040 C.Y.
EXCESS MATERIAL = 393 C.Y.
TOTAL DISTURBANCE OF PAD = 7.7 AC. +/-

SHEET 1 OF 1	BONANZA CREEK 410 17th Street Denver, CO 80202 (720) 440-6100	CUT/FILL DIAGRAM PRONGHORN F-18 PAD NW¼, SECTION 18, T.5N., R.61W., 6th PM WELD COUNTY, COLORADO	 0 50 100 1" = 100' IF BAR LENGTH DOES NOT EQUAL 1" (ONE INCH), THIS PAGE WAS NOT PLOTTED TO THE INTENDED SCALE.	WILLIAM H. SMITH & ASSOCIATES, Inc. 155 N. 1st Street Lander, WY 82520 Phone: 307-335-5646 Drawn By: MAM Checked By: DAF Job No.: Date: 03/18/16 Revision:	