



APPROXIMATE EARTHWORK QUANTITIES

TOPSOIL REMOVAL @ 6" DEPTH (REMOVED AND PLACED AS SHOWN)	5,240 Cu. Yds.
CUT (WELL PAD, BANK YARDAGE)	83,240 Cu. Yds.
FILL (WELL PAD, UN-COMPACTED YARDAGE)	75,670 Cu. Yds.
FILL VOLUME INCREASED BY 10%	83,240 Cu. Yds.
CUMULATIVE YARDAGE (CUT-(FILL X 1.1))	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS

	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±7.524
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±1474.27'	±1.015
TOTAL SURFACE USE AREA		±8.539

NOTES:

- Fill quantity includes 10% for compaction.
- Calculations based on 6" of topsoil stripping.

LARAMIE ENERGY, LLC

GUNDERSON 20-03 PAD
NE 1/4 NW 1/4, SECTION 20, T9S, R93W, 6th P.M.
MESA COUNTY, COLORADO



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DRAWN BY: S.S.	DATE DRAWN: 10-20-16
SCALE: AS SHOWN	
CONSTRUCTION LAYOUT CROSS SECTIONS	FIGURE #2