



APPROXIMATE EARTHWORK QUANTITIES	
TOPSOIL REMOVAL @ 6" DEPTH (REMOVED AND PLACED AS SHOWN)	4,040 Cu. Yds.
CUT (WELL PAD, BANK YARDAGE)	58,040 Cu. Yds.
FILL (WELL PAD, UN-COMPACTED YARDAGE)	52,760 Cu. Yds.
FILL VOLUME INCREASED BY 10%	58,040 Cu. Yds.
CUMULATIVE YARDAGE (CUT-(FILL X 1.1))	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS		
	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±5.498
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±28.01'	±0.019
30' WIDE PIPELINE R-O-W DISTURBANCE	±192'	±0.132
TOTAL SURFACE USE AREA		±5.649

NOTES:

- Fill quantity includes 10% for compaction.
- Calculations based on 6" of topsoil stripping.
- Cut slope 1 1/2:1, Fill slopes 2:1.

LARAMIE ENERGY, LLC

NICHOLS 24-6A PAD
SW 1/4 NE 1/4, SECTION 24, T9S, R94W, 6th P.M.
MESA COUNTY, COLORADO



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SURVEYED BY	CODY RICH, B.H.	08-30-16	SCALE
DRAWN BY	S.S.	03-01-17	AS SHOWN
CONSTRUCTION LAYOUT CROSS SECTIONS			FIGURE #2