C. A. Reynolds June 6, 1957

S. E. Russo

EXCAVATION QUANTITIES, MATERIALS WASTE PIT NO. 1, MESITA DEL BUEY, TA-0

ENG-3

The following are computations for the excavation quantities for Materials Waste Pit No. 1, Area 0, Mesita del Buey, TA-0.

0667
TA-00

Station	End Area Sq. Ft.			Cubic Yards
-0+10	0			
		$\frac{0+236}{54}$	x 10 =	44
0+00	236			
		$\frac{236+1890}{54}$	x 100 =	3,937
1+00	1890			
		$\frac{1890+2160}{54}$	x 35 =	2,625
1+35	2160			
		$\frac{2160+2156}{54}$	x 65 =	5,195
2+00	2156			
		$\frac{2156+1915}{54}$	x 100 =	7,539
3+00	1915			
		$\frac{1915+1987}{54}$	x 100 =	7,226
4+00	1987			
		$\frac{1987+1947}{54}$	x 70 =	5,100
4+70	1947			
		$\frac{1947+1738}{54}$	x 30 =	2,047
5+00	1738			
		$\frac{1738+236}{54}$	x 100 =	3,656
6+00	236			

5378

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Station	End Area Sq. ft.		Cubic Yards
		$\frac{236 + 0}{54} \times 10 =$	44
6+10	0		

Total excavation in cubic yards 37,413

Also attached is a set of three prints of the pit cross sections.

ORIGINAL SIGNED BY S. E. RUSSO

S. E. Russo

Encl: 3 prints of cross sections

DFW/irp

cc: ENG-DO (2) (w/o encl)
File L. J. 1757 (w/encl)

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