BLAST REPORT **BLAST REPORT #** WS 40

☐ Sanders Construction, Inc. ☒ Western States Drilling & Blasting, Inc.

DATE: SEPT 16, 2010 EXACT TIME OF SHOT: 6:41 pm

CUSTOMER: KLB JOB NO.: WS21005

SHOT LOCATION WITH GPS COORDINATES: 1321+00 - 1323 TICKET NO.:

CHECK LIST COMPLETED: (YES) NO

TYPE OF ROCK: LAPILLI TUFF BASALT MIX FACE HEIGHT: 24' FT. POUNDS PER DELAY: MAX 70#

TOTAL HOLES:

NUMBER OF HOLES: 87 PRESPLIT HOLE DIA: 3 1/2 ~~BxS~~ 30" cc STEMMING: 5' DEPTH: 26 2795LF

NUMBER OF HOLES: 131 HOLE DIA: 4 BxS 8 x 10 STEMMING: 7' DEPTH: 24'

POWDER FACTOR: .89#/yd LBS. OF EXPLOSIVES: 8364 YARDS OF ROCK: 9315

WEATHER: LIGHT RAIN WIND: CALM

EXACT MONITOR LOCATION(GPS): DIRECTION OF BLAST: MONITOR TYPE:

MONITOR: L/R T V PVS Db MONITOR SERIAL NO.:

DISTANCE TO BLAST: AVERAGE POUNDS PER HOLE: OPERATOR:

EXACT MONITOR LOCATION(GPS): DIRECTION OF BLAST: MONITOR TYPE:

MONITOR: L/R T V PVS Db MONITOR SERIAL NO.:

DISTANCE TO BLAST: AVERAGE POUNDS PER HOLE: OPERATOR:

EXPLOSIVES

DESCRIPTION	QUANTITY USED	DATE CODE	MAGAZINE	REMOVED	RETURNED
LOCATION:					
BULK A/N	Lbs				
BAG ANFO	62 Bags	JUL 3010		62	0
POWDER 3x16	8 Cs ea.	080212		8	0
POWDER D GEL 7/8	4 Cs ea.	15AP10x2		4	0
1 1/4 x 8 lb. BOOSTER	122 ea.	061128		122	0
lb. BOOSTER	ea.				
12 ft. CTD 42	9 ea.	25JA10B4		65	56
30 ft. H. DET	19 ea.	01MA10B4		24	5
30 ft. H. DET	14 ea.	16AU10B4		14	0
40 ft. H DET	98 ea.	05AP10B4		98	0
MSC ft. 17	13 ea.	12JA09B4		64	51
ft.	ea.				
1 RL ft. NLL ms	1 RL ea.	19JY10B4		1 RL	0
FORTEL PRO D	42 Cs 38 Cs	16JJ09 20MY09		46+3 38	0 0
50 GRAIN CORD	650 ft.	31MY10T4			
18 GRAIN CORD	220 ft.	22FE10T4			
MISCELLANEOUS					
POWERSPLIT 7/8	6 Cs	111013		7	1
POWERSPLIT 7/8	1.5 Cs	091013		1.5	0

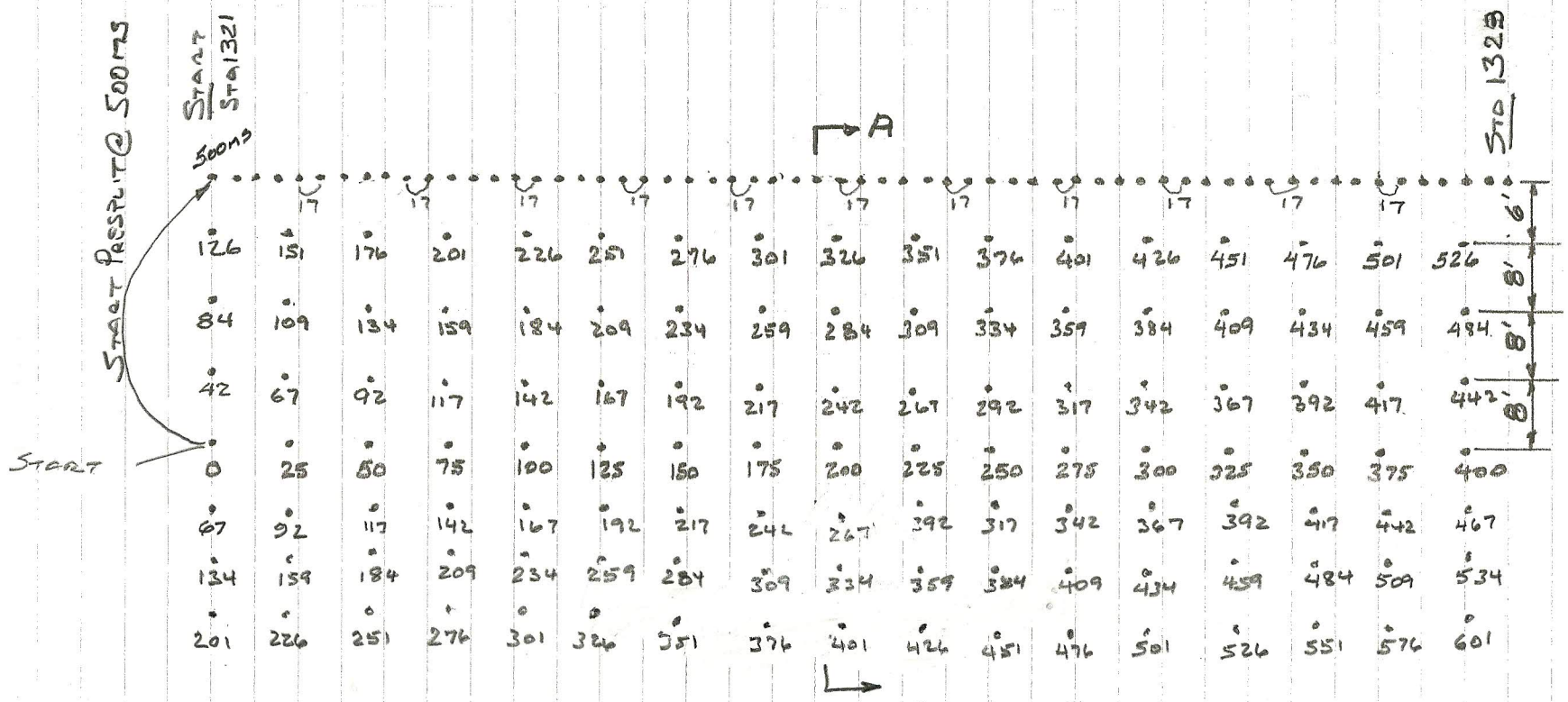
COMMENTS: SHOT BROKE & MOVED VERY WELL - MODERATE AMOUNT OF DEBRIS ONTO I-90

BLASTER'S SIGNATURE: [signature] LICENSE NO.: UP21262

ATTACH SKETCH OF SHOT

Revised 03/04

THIS FORM MUST BE FILLED OUT COMPLETELY



PLAN VIEW BLAST 40

SCALE 1" = 25'

TYPICAL SECTION AA

SCALE 1" = 5'