BLAST REPORT **BLAST REPORT #** 48

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

DATE: 9-29-10 EXACT TIME OF SHOT: 6:12 pm

CUSTOMER: KLB JOB NO.: WS21005

SHOT LOCATION WITH GPS COORDINATES: 1323+00 to 1325+00 Presplit TICKET NO.:

& Production @ 1324+75 Bench 1 to Grade CHECK LIST COMPLETED: YES NO

TYPE OF ROCK: Lapilli Tuff FACE HEIGHT: 24' FT. POUNDS PER DELAY:

TOTAL HOLES: 196 17ea 4" 6' x 9' 7' 26'

NUMBER OF HOLES: 116 99ea HOLE DIA: 4" BxS 9' x 9' STEMMING: 7' DEPTH: 26'

NUMBER OF HOLES: 80 HOLE DIA: 3.5" BxS — x 30" STEMMING: 4' DEPTH: 26'

POWDER FACTOR: .82 LBS. OF EXPLOSIVES: 7,058 / 687 PS YARDS OF ROCK: 9269 yd³ 24 Blocks 24 yd³

WEATHER: Clear 72° WIND: Calm Variable

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 5750 lbs	115	Bags	8 SEP 10		7000 / 140ea	1250 lbs / 25ea
POWDER		ea.				
POWDER 1 1/4x8 Magna Prime	71 / 18 lbs	ea.	061128		132	61
lb. BOOSTER		ea.				
lb. BOOSTER		ea.				
24 ft. Hawkets	24	ea.	29MA10B4		24	Ø
30 ft. Hawkets	11	ea.	16AU10B4		11	Ø
40 ft. Hawkets	80	ea.	05AP10B4		80	Ø
16 ft. Hawkets	48	ea.	19OC09B4		48	Ø
ft.		ea.				
ft.		ea.				
ft. ms		ea.				
7/8" Powersplit	687	lbs	106903		14cs	1.5cs
25 GRAIN CORD	200	ft.	22FE10F1		1.5 Rolls	1.25 Rolls
50 GRAIN CORD	560	ft.	31MY10T4		2 Roll	1.25 Rolls
MISCELLANEOUS						
2x16 Fortel Extra	9cs	360 lbs	22MA10J1		10	1
3x16 Fortel	23cs	920 lbs	10JY09J1		50	27

COMMENTS:
Shot well Road open in 45 min Breakage Good

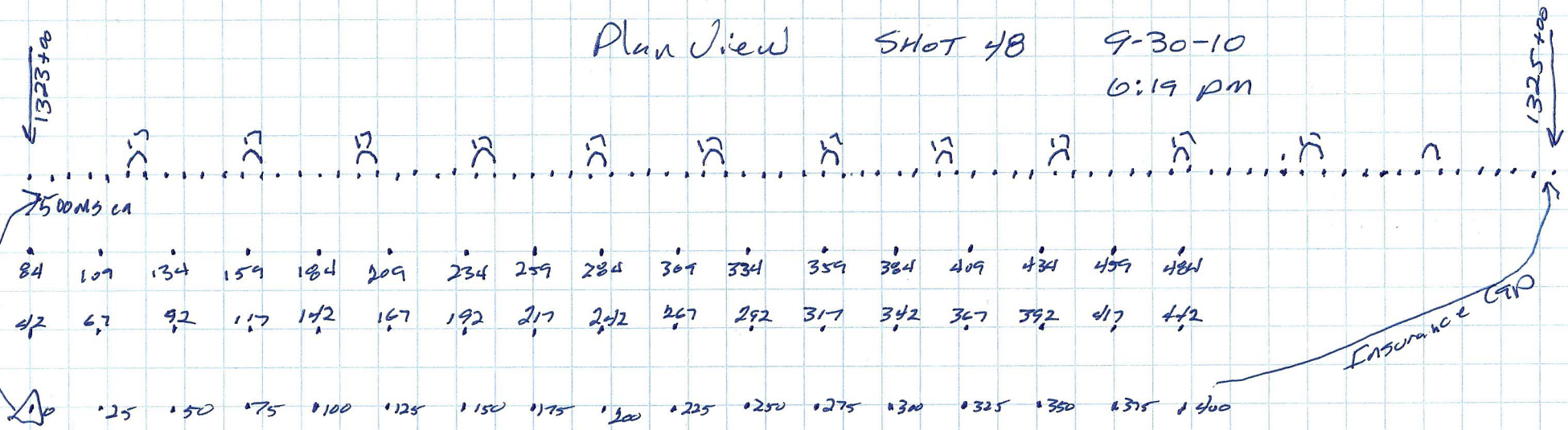
BLASTER'S SIGNATURE: [signature] LICENSE NO.: U21291

ATTACH SKETCH OF SHOT

Revised 03/04 THIS FORM MUST BE FILLED OUT COMPLETELY

Plan View SHOT 48 9-30-10

6:19 pm

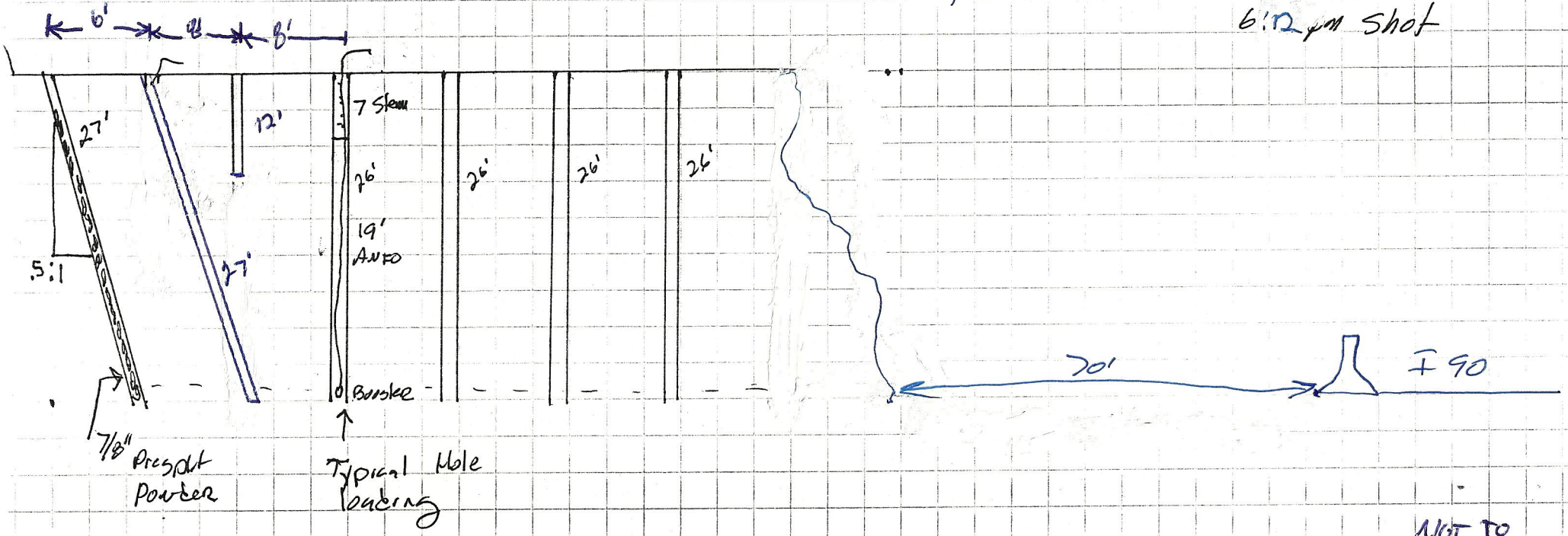


84	109	134	159	184	209	234	259	284	309	334	359	384	409	434	459	484
42	67	92	117	142	167	192	217	242	267	292	317	342	367	392	417	442
0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400
92	117	142	167	192	217	242	267	292	317	342	367	392	417	442	467	492
184	209	234	259	284	309	334	359	384	409	434	459	484	509	534	559	584
			376	351	376	401	426	451	476	501	526	551	576	601	626	651

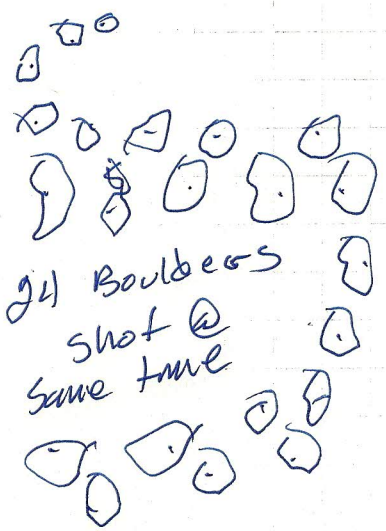
Vic Branson

SHOT 48

9-30-10
6:12 pm Shot



NOT TO Scale



Jr Bronson