BLAST REPORT **BLAST REPORT #** WS43

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

DATE: SEPT 23, 2010 EXACT TIME OF SHOT:

CUSTOMER: KLB JOB NO.: WS 21005

SHOT LOCATION WITH GPS COORDINATES: PRESPLIT 1339+50 TICKET NO.:

THRU 1340+25 PROD. 1339+50 – 1340 CHECK LIST COMPLETED: YES NO

TYPE OF ROCK: LAPILLI TUFF FACE HEIGHT: 24 TO 8 FT. POUNDS PER DELAY: 50# MAX

TOTAL HOLES: 30 PRESPLIT HOLES 3"Φ @ 30" c/c .25/1 SLOPE AVG DEPTH 20' STEM 5' 600LF

NUMBER OF HOLES: HOLE DIA: BxS x STEMMING: DEPTH:

NUMBER OF HOLES: 15 HOLE DIA: 3½ BxS 8 x 8 STEMMING: 7 DEPTH: 24'

POWDER FACTOR: 1.05 LBS. OF EXPLOSIVES: 897 YARDS OF ROCK: 853 yd

WEATHER: RAIN COOL 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:

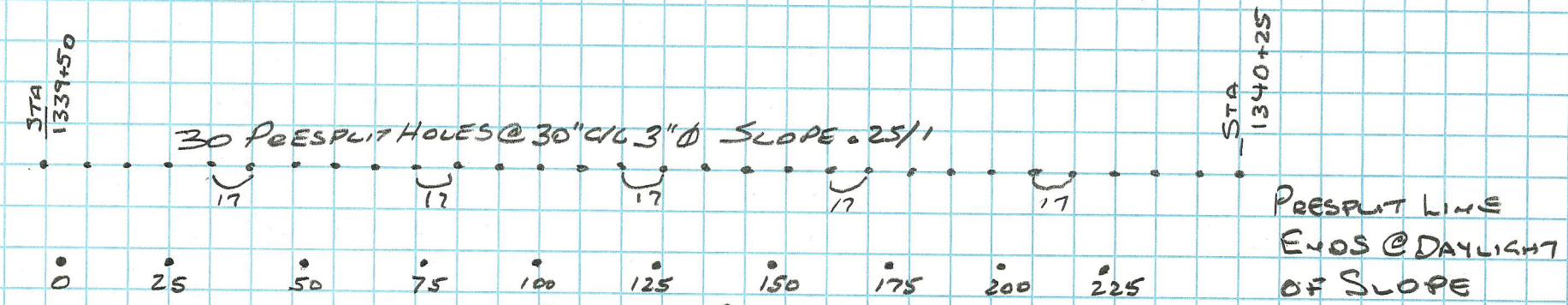
EXPLOSIVES

DESCRIPTION	QUANTITY USED	DATE CODE	MAGAZINE	REMOVED	RETURNED
LOCATION:					
BULK A/N	Lbs				
BAG ANFO	Bags				
POWDER FORTEL X.	19 Cs ea.	02JU10J1			
POWDER POWERSP.	2½ Cs ea.	100903			
¼ lb. BOOSTER	15 ea.	01MA10A4			
lb. BOOSTER	ea.				
40 ft. H.DET	15 ea.	~~14~~ 05JY10B4			
12 ft. CTD42	2 ea.	25JA10B4			
ft.	ea.				
ft.	ea.				
ft.	ea.				
ft.	ea.				
ft. ms	ea.				
	ft.				
18 GRAIN CORD	75 ft.	22FE10T4			
50 GRAIN CORD	150 ft.	31MY10T4			
MISCELLANEOUS					

COMMENTS:
BLAST LOADED WELL. LOOSE ROCK IN FRONT OF THE SLOPED PRODUCTION HOLES WERE EJECTED AND FLEW APPROX 80 fc

BLASTER'S SIGNATURE: [signature] LICENSE NO.: UP 21262

Revised 03/04 ATTACH SKETCH OF SHOT THIS FORM MUST BE FILLED OUT COMPLETELY



1 ROW OF PRODUCTION HOLES DRILLED 6' IN FRONT OF PRESPLIT LINE ON SAME SLOPE AS PRESPLIT HOLES

PLAN VIEW BLAST # 43

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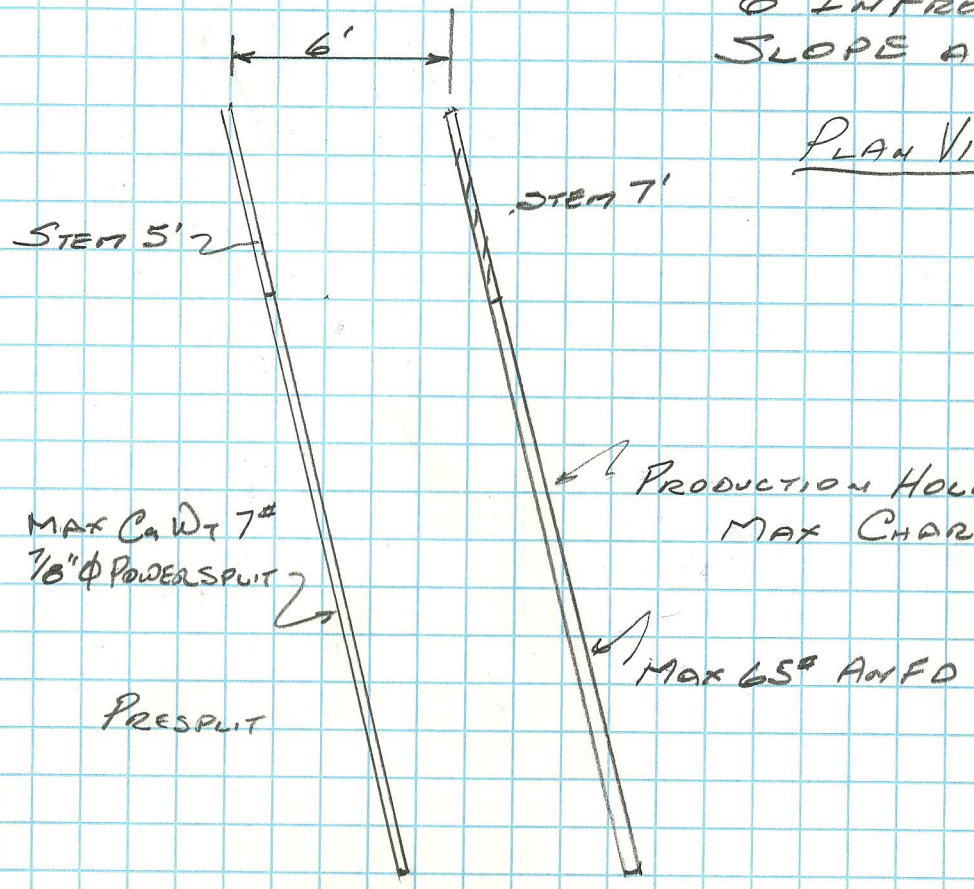

SECTION AA

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