BLAST REPORT **BLAST REPORT #** 44

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

DATE: SEPT 27, 2010 EXACT TIME OF SHOT:

CUSTOMER: KLB JOB NO.: WS21005

SHOT LOCATION WITH GPS COORDINATES: STA 1342+50 – TICKET NO.:

STA 1343 PRESPLIT & PRODUCTION CHECK LIST COMPLETED: YES NO

TYPE OF ROCK: LAPILLI TUFF FACE HEIGHT: FT. POUNDS PER DELAY:

TOTAL HOLES: 20 P.S. ALL HOLES 3" Φ @ 30" CC .23/1 SLOPE 154 L.FT PRESPLIT

NUMBER OF HOLES: 5 PRODUCTION HOLE DIA: 3 BxS 6 x 8 STEMMING: 6' DEPTH: 8-13

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

POWDER FACTOR: LBS. OF EXPLOSIVES: YARDS OF ROCK: 88

WEATHER: WIND:

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 POLDENDITCH	27.2 ea.	07JY10J1			
POWDER 2½LB16	20 ea.	02JU10J1			
lb. BOOSTER	ea.				
lb. BOOSTER	ea.				
MSC ft. 17	3 ea.	12JA09B4		21	18
24 ft. H. DET	7 ea.	29MA10B4		70	63
16 ft. H. DET	4 ea.	19OC09B4			
~~MSC~~ ft.	ea.				
12 ft. CTD 9	6 ea.	07AP08B4		95	89
ft.	ea.				
ft. ms	ea.				
	ft.				
18 GRAIN CORD	~~[illegible]~~ 75 ft.	22FE10T4			
50 GRAIN CORD	150 ft.	31MY10T4			
MISCELLANEOUS					
7/8" PRESPLIT	45#	12AP10X2		110#	50#
1 ROLL NLL	1 ROLL	AJY10B4		1	0

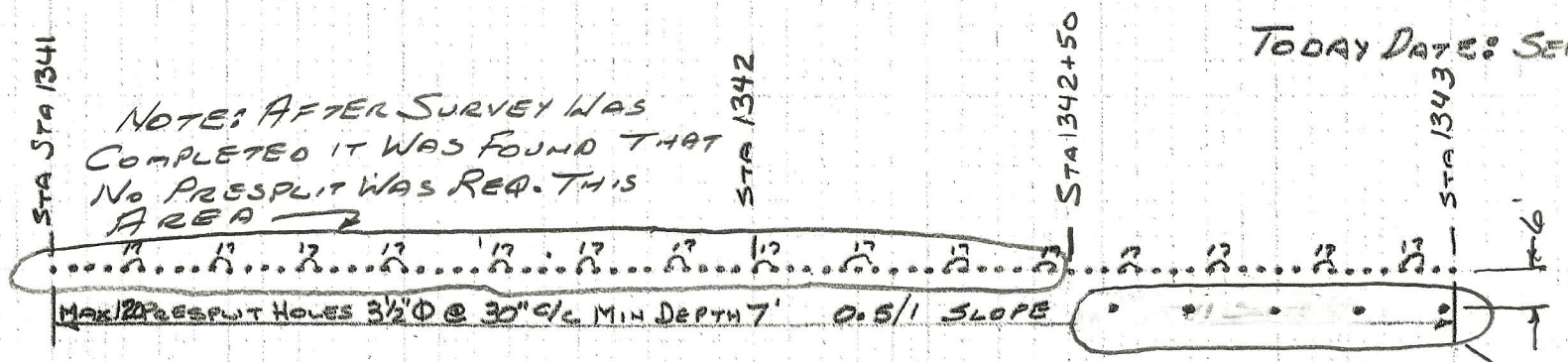
COMMENTS: PRESPLIT LINE DAYLIGHTED @ 1342+50 AND CONNECTED TO PRESPLIT LINE FROM BLAST 541 @ STA ~~1344~~ 1343

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

ATTACH SKETCH OF SHOT

Revised 03/04 THIS FORM MUST BE FILLED OUT COMPLETELY

TODAY DATE: SEPT 24, 10



PLAN VIEW STANDARD BLAST COMPONENT C

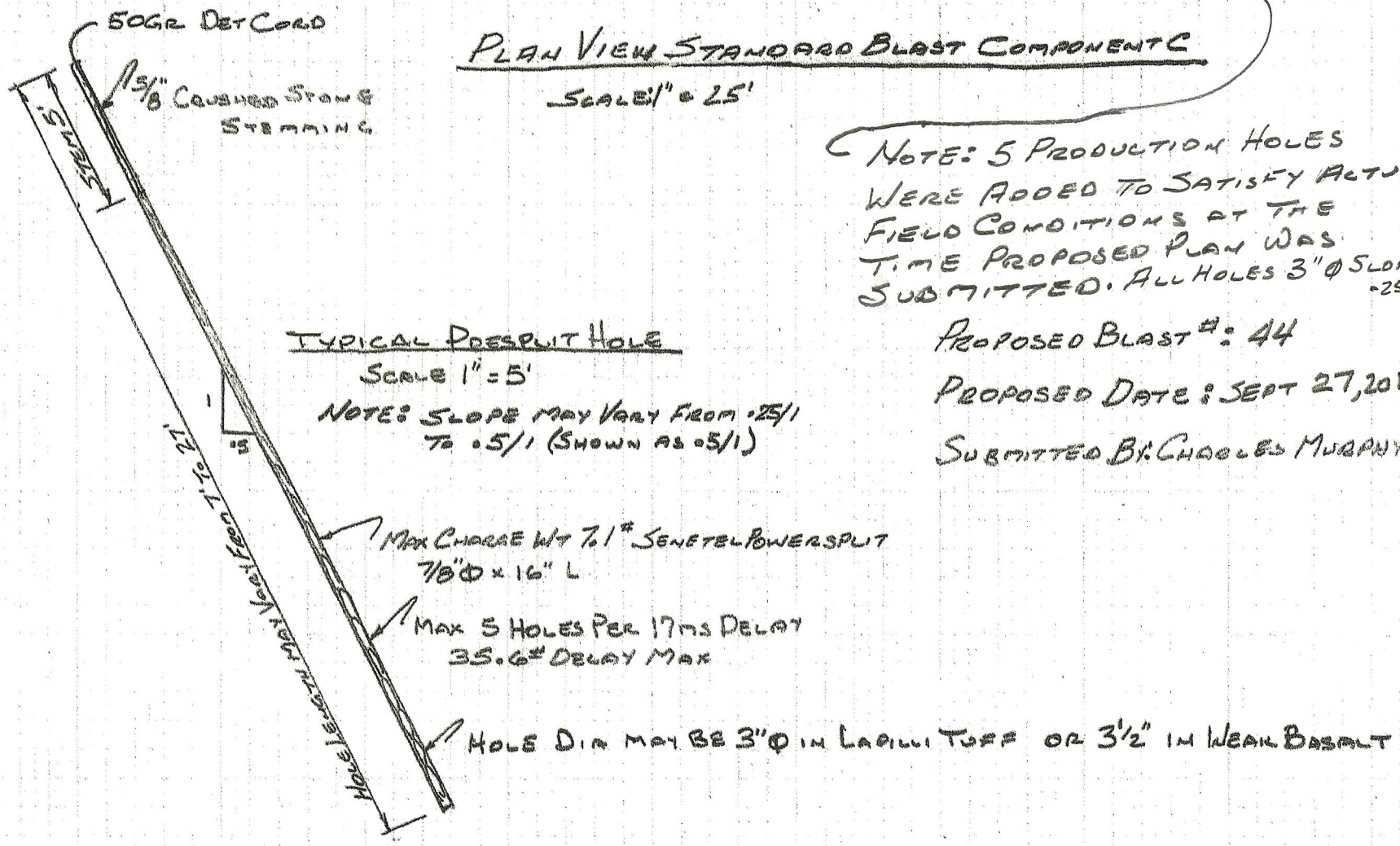
SCALE: 1" = 25'

NOTE: 5 PRODUCTION HOLES WERE ADDED TO SATISFY ACTUAL FIELD CONDITIONS AT THE TIME PROPOSED PLAN WAS SUBMITTED. ALL HOLES 3"Φ SLOPED .25/1

PROPOSED BLAST #: 44

PROPOSED DATE: SEPT 27, 2010

SUBMITTED BY: CHARLES MURPHY



TYPICAL PRESPLIT HOLE

SCALE 1" = 5'

NOTE: SLOPE MAY VARY FROM .25/1 TO .5/1 (SHOWN AS .5/1)