PROPOSED BLASTING PLAN LOG

Project: Hyak to Snowshed IGO Date: 7-9-10

Company: Western States Drilling & Blasting Shot No. WS 07

Location of Blast: LW13 15+00 to LW13 15+75 Production Blast

Rock Type: Lapilli TUFF LW13 15+75 - LW13 16+00 presplit

Time of Blast - Planned or Actual: 8:00 AM

Date of Blast - Planned or Actual: 7-13-10

Name of Blaster: Charley Murphy License Number: U21262

Direction: E Distance: >1000' ft from Forest Service CABIN

No. of Holes: 10/30 Burden 6'-8' ft. Spacing: 8' ft. Depth: 26' Diameter: 3.5"

No. of Rows: 1/3 Bench Height: 24' ft. Yield: _____ Subdrilling: 2' ft.

Types and Height of Stemming: Crushed Stone 5/8" washed 9'-7' Various ft.

Types of Explosives: 2x16 Senitel 160 lbs. Primer: _____ _____ lbs.

2.5"x16 Senitel 512.5 lbs. 7/8" Presplit 86.4 lbs.

Maximum Weight of Explosive Detonated Within Any 8ft. Delay period: 47.5 lbs.

Hole to Hole Delay 25 ms ~~ft.~~
Row to Row Delay: 42 ms ~~ft.~~

Total Weight of Explosives, Including Primers, this Blast: 759 lbs.

Estimated Powder Factor or Explosives Ratio: _____ lbs/~~cft~~ yd^3
— ~~lbs/Ton~~

Method of Firing: Shotshell Primer / Non Electric

No. of Timer Circuits: — Timer Interval: — lbs.

Type of delay detonator used: Nonidets 25/500ms Time Interval: — ft/s

RESULTS:

Submitted by: [signature]

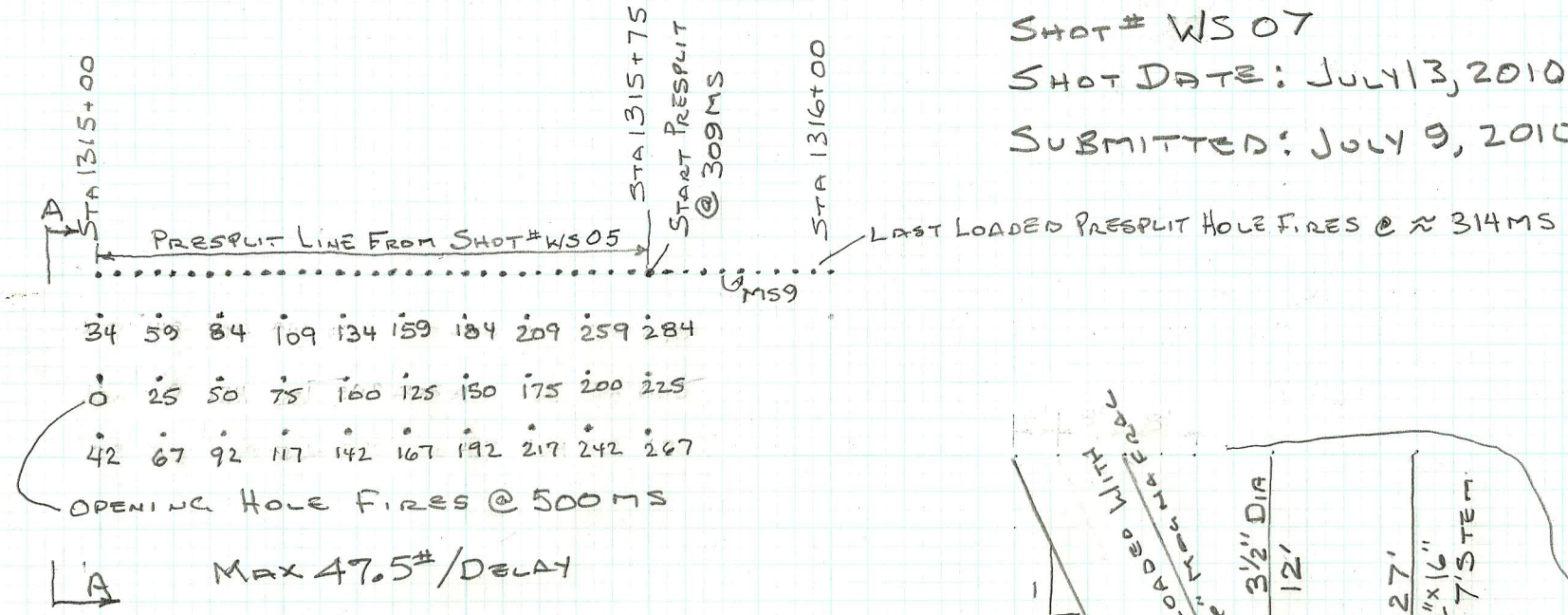
FORMS_FIELD_Proposed Blasting Plan rev. 20080620

PROPOSED BLAST PLAN

SHOT # WS07

SHOT DATE: JULY 13, 2010

SUBMITTED: JULY 9, 2010



SECTION AA

SCALE 1" = 10'

SUBMITTED BY:
CHARLES MURPHY