

Permittee: Blackwing Blasting Permit# 119-0673 Date: TBA

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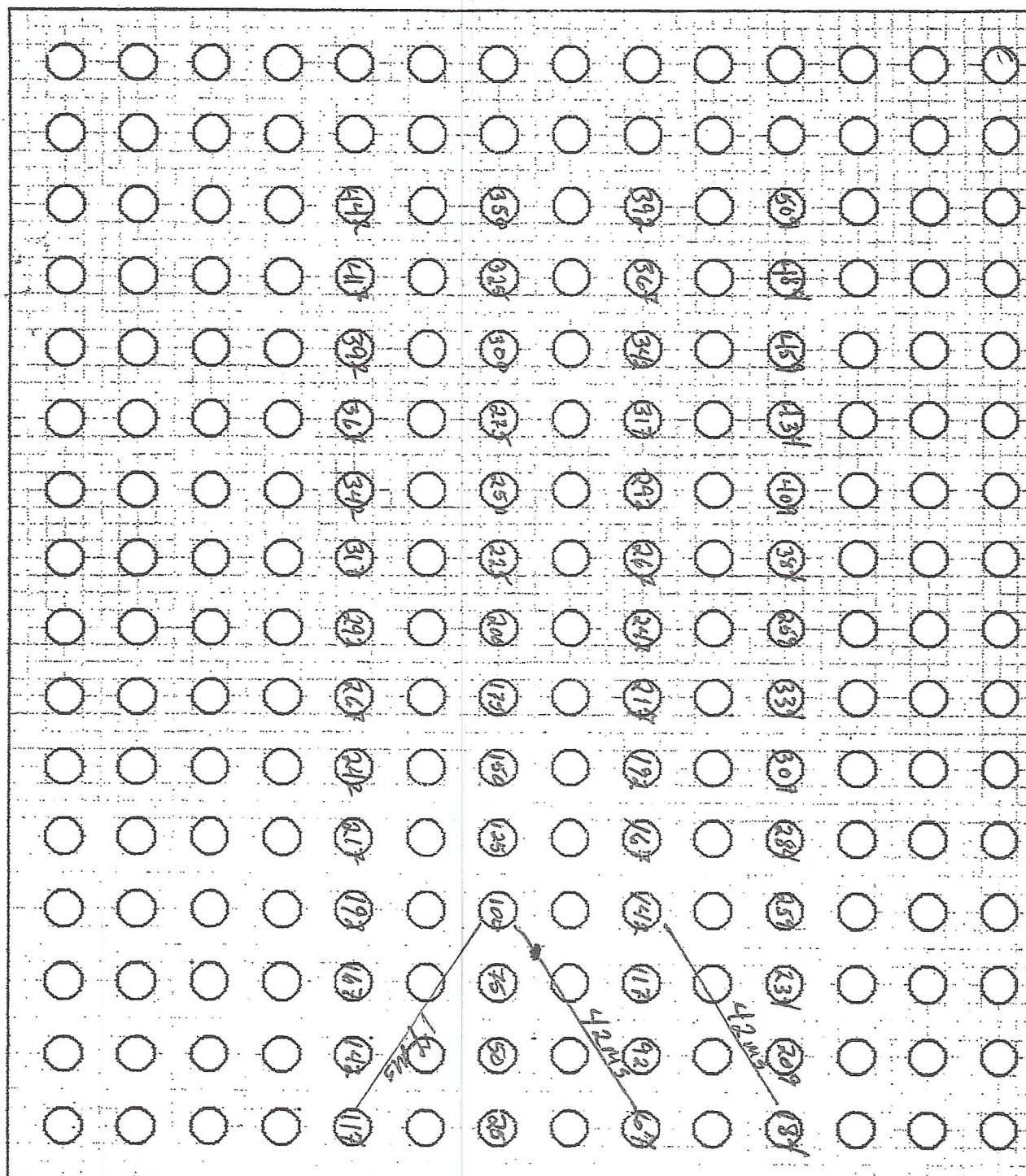
Date: T. B. A.

Time: TBA

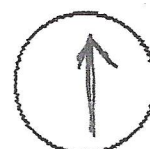
A.M. P.M.

Location: Mule Crk

Blast Id: 1-5



Indicate North



5:24

LTE



DIS: 384.80 FT

DIR: 1197



LINE STYLE

COLOR

UNDO

CANCEL

SAVE

SHOT SITE

384.8 FT

820 FT
TO NEAREST
HOUSE

269 FT

17.23 MI AWAY

282.40° W / M 5020

ALT: 6023 FT



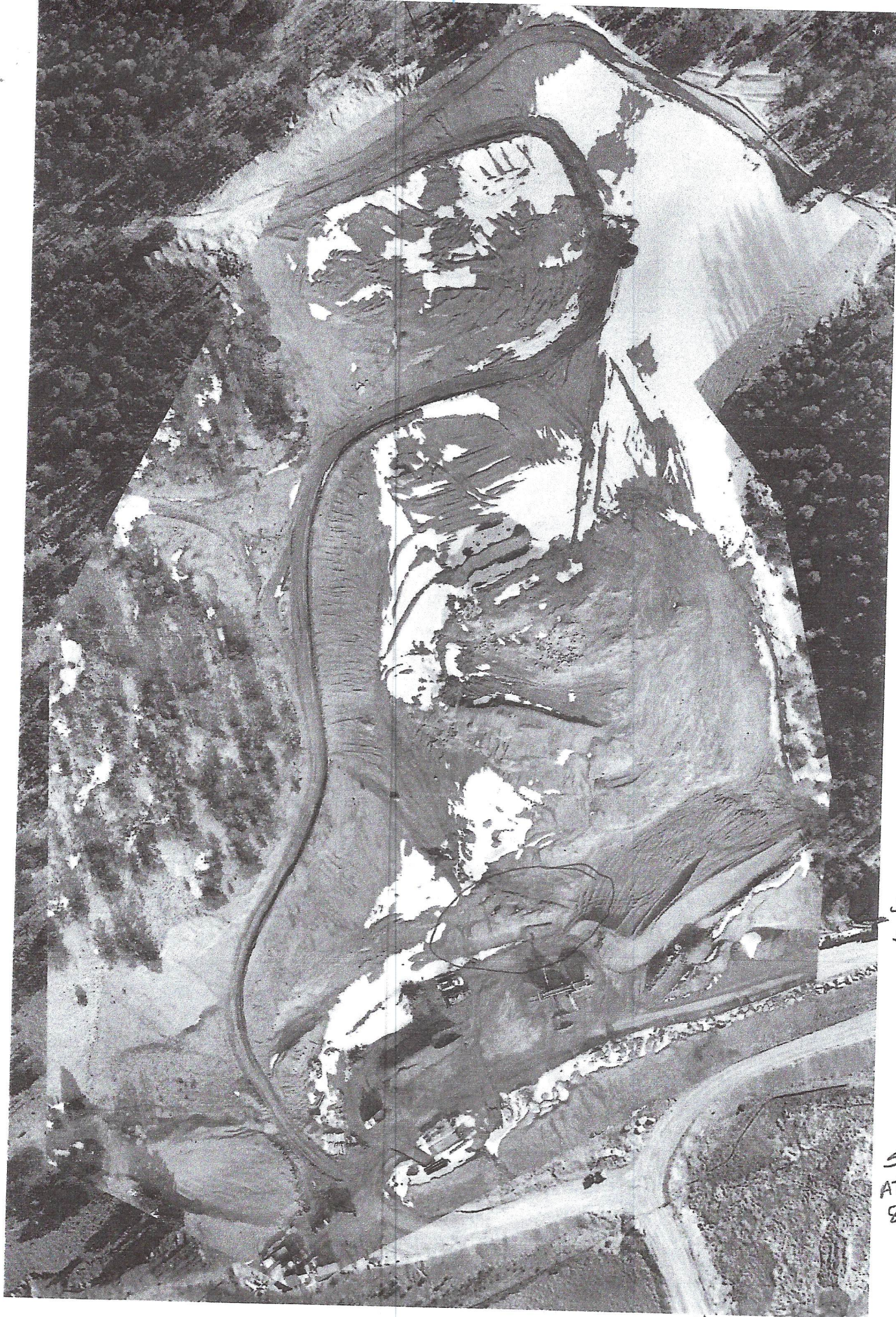
03/21/2020 17:24:26

13S DD 86370 04016

38.884909, -105.157148

T 169° S / MILS 3009

38° 53' 5.67" N, -105° 9' 25.73" W



SHOT
SITE

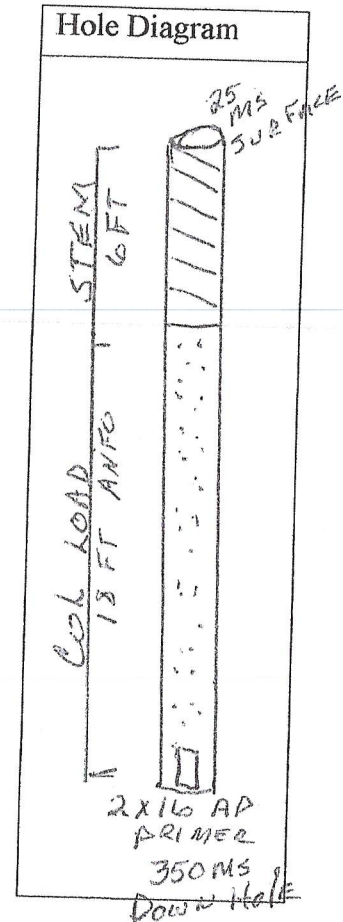
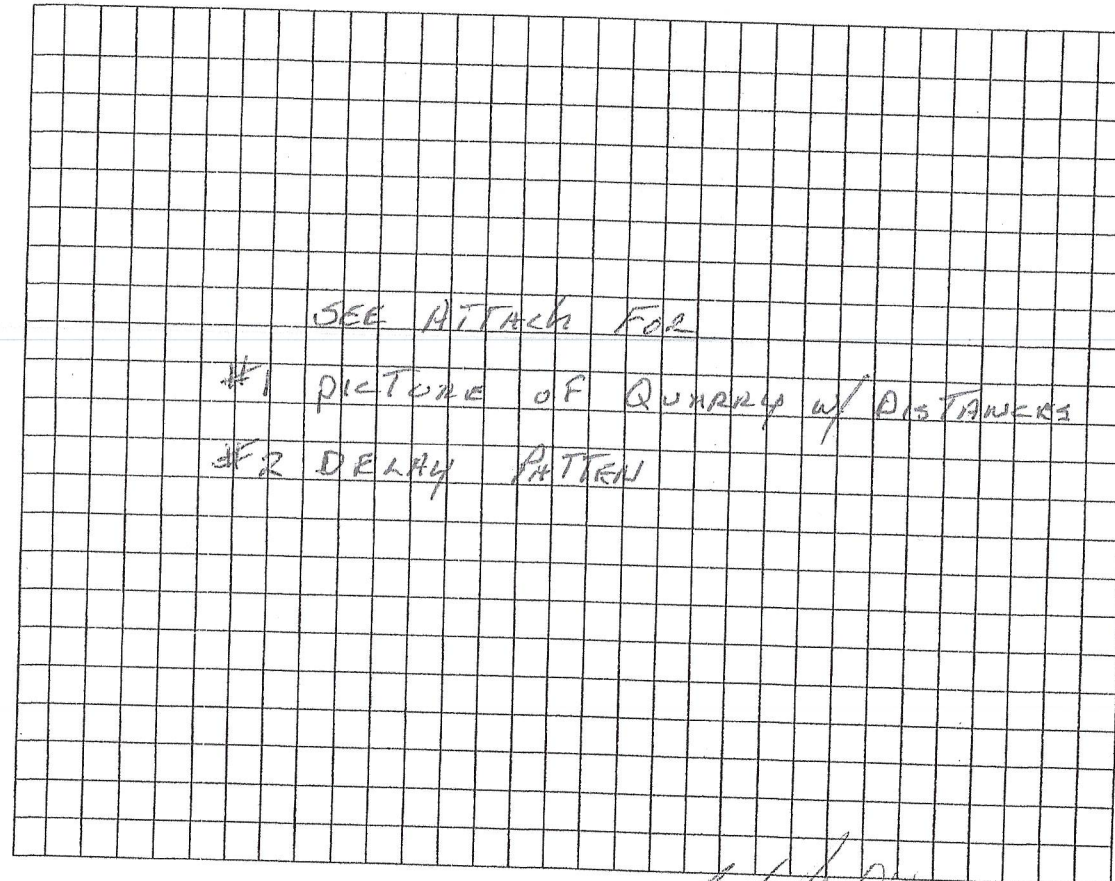
SIES
AT HOO
820F

BlackWing Blasting Inc.

Blast Plan

Contractor	Operation <u>MULE CREEK</u>	Project No.	Coal ☐ Quarry ☒ Construction ☐
Location <u>Hwy 67</u>	State <u>COLORADO</u>	Date <u>TBA</u> Time <u>-</u>	

Shot No.	<u>1-5</u>
Hole Dia.	<u>3 IN</u>
Depth	<u>24 FT</u>
Stemming	<u>6 FT MIN</u>
Type	<u>DC</u>
Length	<u>112 FT</u>
Burden	<u>8 FT</u>
Spacing	<u>8 FT</u>
Overburden	<u>NA</u>
Cu. Yd.	<u>3185.28</u>
Explosive Data	
Detonator	<u>EZ DET</u>
Primer	<u>2X16 AP</u>
Col. Load	<u>45.9</u>
Wet Load	<u>NA</u>
Col. Wt.	<u>2.55 lbs PFT</u>
Total Wt.	<u>2570.4 lbs</u>
Lbs./delay	<u>45.9 lbs</u>
Delay Pds.	<u>56</u>
Scale Dist.	<u>55</u>
PF	<u>.80 160 PCYRD</u>
CU	<u>2.37 PFT</u>
56.88 LYRD PH	



Notes: SIESMOGRAPH @ NEAREST HOUSE TO SW / INITIATOR SHOT LINE NONEL SHOCK TUBE
 RATE 6500 FT SECOND / PRIMER 2X16 AP 115 GLAC 15,400 VOD. MAYBE SUBSTITUTED BY TROYAN
 150 BOOSTER 165 GLAC 24,800 VOD ANFO .82 GLAC 12,800 VOD
 NOTICES PLACED ON NEAREST HOUSES DAY BEFORE SHOTS



MULE CREEK GRAVEL PIT

Stephanie Howerton <Stephanie@tellercountywaste.com>

Mon, Mar 30, 2020 at 6:35 PM

To: "Russell - DNR, Elliott" <elliott.russell@state.co.us>

Cc: Mulecreek@tellercountywaste.com, jbtcw@hotmail.com, David Royer <david@tellercountywaste.com>

Good Afternoon Elliott,

I hope this email finds you doing well. We are reaching out to you regarding a Blasting Plan for the Mule Creek Gravel Pit. I have attached a copy of Black Wing Blasting's Plan. Please contact Ryan Middleton at 719-966-9493 or our office at 719-686-7517 to help walk us through this process. Thank you Elliott and we look forward to speaking to you soon.

Thank You,

Stephanie Howerton

Office Manager

719-686-7517



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