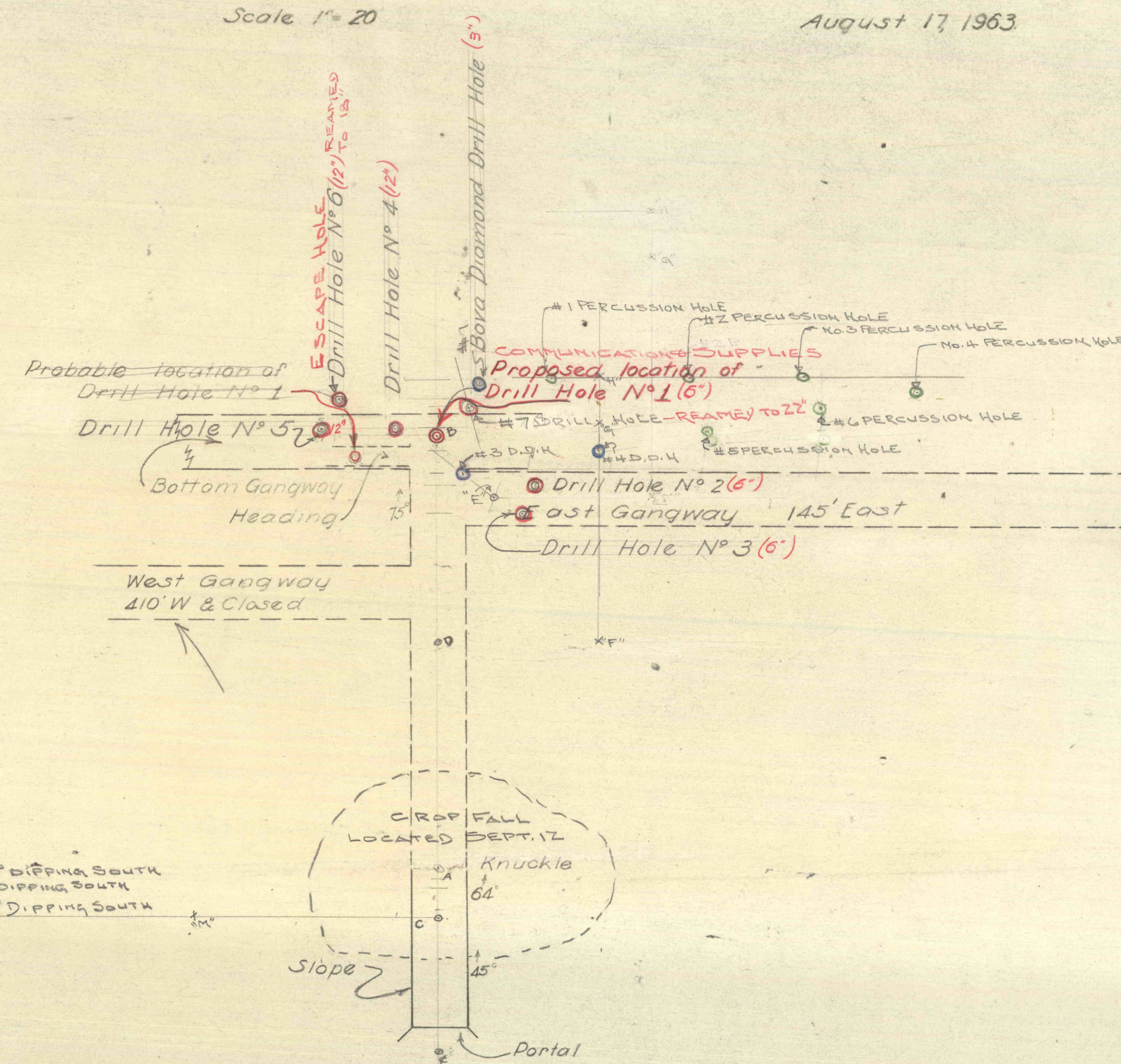


PENNA DEPT OF MINES & MINERAL INDUSTRIES
POTTSVILLE, PENNA.

Plans & Section of Fellin Coal Co. showing scene of accident
occurring August 13 1963 located west of Shepton
Schuylkill County

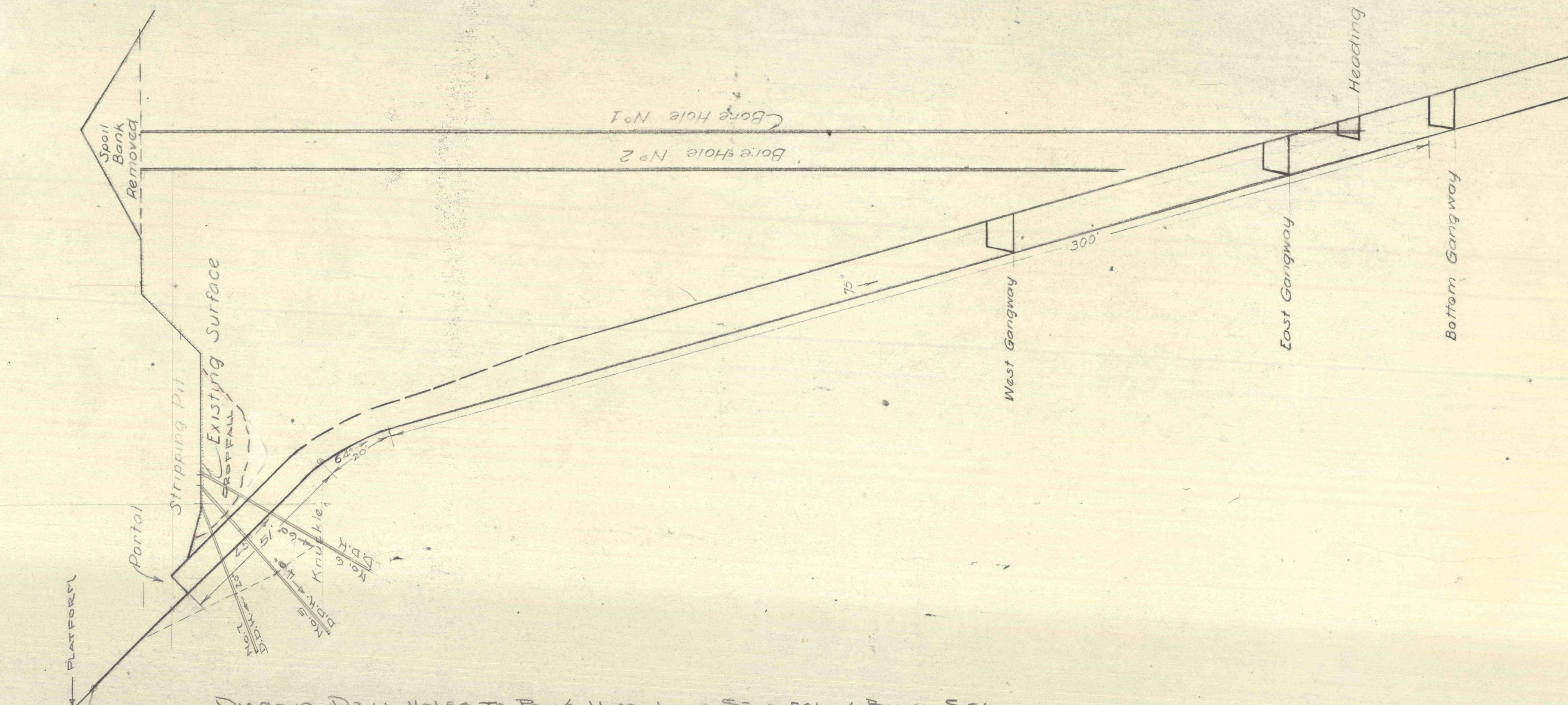
Scale 1" = 20'

August 17, 1963



PLAN

Scale 1" = 20'



Cross Section through Slope
Looking West
Scale 1" = 20'

ROTARY DRILLS									
Hole No.	Dia.	Date	Start Time	Date	Fin. Time	Depth	Remarks		
1	6"	8/17/63	7:00 AM	8/18/63	11:15 PM	221'	Holed to opening (used for communication & supplies)		
2	6"	8/18/63	12:45 PM	8/19/63	1:00 PM	331'	Stopped in rock - 20'		
3	6"	8/19/63	1:00 PM	8/20/63	5:15 PM	327'	Holed to opening (used for sound equipment lowered no response)		
4	6"	8/20/63	1:00 PM	8/21/63	5:15 PM	170'	Stopped in rock (afraid this might collapse fellin opening)		
5	6"	8/21/63	1:00 PM	8/22/63	5:15 PM	323'	Stopped in rock		
6	6"	8/22/63	5:40 PM	8/23/63	2:10 AM	308'	Holed - REACHED TO 15' ESCAPE HOLE		
7	6"	8/27/63	6:40 PM	8/28/63	7:00 AM	305'	Holed - REACHED TO 21'		

PERCUSSION DRILL									
Hole No.	Dia.	Date	Start Time	Date	Fin. Time	Depth	Remarks		
1	6"	8/18/63	2:40 AM	8/19/63	3:45 AM	337'	Holed to opening		
2	6"	8/19/63	8:45 AM	8/20/63	5:45 AM	345'	Holed into gob or loose material		
3	6"	8/20/63	10:15 AM	8/21/63	11:00 PM	345'	334' to 339' open 339' to 345' loose material or gob		
4	6"	8/21/63	10:15 AM	8/22/63	12:45 PM	346'	Hit coal at 324' to 325' - void 325' to 330' - 6' free coal to 344' opening black damp		
5	6"	8/21/63	2:00 PM	8/22/63	1:00 PM	310'	Hit void 334' to 335'		
6	6"	8/27/63	1:00 PM	8/28/63	10:45 AM	317'	300' to 304' hit 304' to 311' open 311' to 317' gob or loose material		

DIAMOND DRILL									
Hole No.	Dia.	Date	Start Time	Date	Fin. Time	Depth	Remarks		
1	3"	8/21/63	2:00 AM	8/22/63	8:00 AM	140'	Bit choked in hole (drilling with out water)		
2	3"	8/24/63	12:00 PM	8/25/63	1:00 PM	144'	Holed to opening		
3	3"	8/27/63	1:00 PM	8/28/63	5:30 PM	261'	Holed to opening		
4	3"	8/30/63	12:15 AM	8/31/63	2:30 PM	299'	Void & gob		

DIAMOND DRILL HOLES TO PROVE UNDER LYING SEAM BELOW DUCK SEAM									
No. 5 Dia Drill Hole	Pitch	Strata	Thickness	Depth	No. 6 Dia Drill Hole	Pitch	Strata	Thickness	Depth
3'	40 S.	WASH	16.5	16.5	3'	60 S.	WASH	17.0	17.0
			15.0	31.5			SANDSTONE	4.0	21.0
			2.5	32.0			SANDSTONE	7.0	28.0
							CONGLOMERATE	10.5	38.5
							COAL	0.6	39.1
							SLATE	5.4	44.5
							SANDSTONE	1.0	45.5
							SANDSTONE	4.5	50.0
							CONGLOMERATE	6.0	56.0

No. 7 Dia Drill Hole	Pitch	Strata	Thickness	Depth
2'	20 S.	WASH	11.0	11.0
		SANDSTONE	14.17	25.17
		COAL	0.50	25.67
		SLATE	2.33	28.00
		RED SHALE	9.50	37.50
		SANDSTONE	5.00	42.50
		CONGLOMERATE	1.00	43.50

STARTED SEPT. 3, 1963 AT 5:45 PM
FINISHED SEPT. 4, 1963 AT 9:30 AM

STARTED SEPT. 4, 1963 AT 9:45 AM
FINISHED SEPT. 4, 1963 AT 7:20 PM

STARTED SEPT. 4, 1963 AT 9:40 PM
FINISHED SEPT. 5, 1963 AT 6:00 AM