FORM 264

8-46-300M

UNION PACIFIC RAILROAD COMPANY

La Grande May 7 194 2 Memor Steaming qualities of 3500, 3800 and 3900 class oil luning locomtives. - On May 5 locomotive 3836 was used on Meetbourd freight and checked from the Grande to Kamela. This locomotive is equipped with the wide fintan and istering ferrings 74×20 Out of Pratello shops, Milling o and M.J. Pratello Mapariz-The locomotive steamed very free and the firebox completely while using 's turn anatomiger value It was foundle to gain water and mointain full boiler pressur with a clear stack foromotive was worked at from 5 PSI to 15PSI back freesur Lotoromotive 3565 was cut in at Hillyard as third helper and steamed free as indicated by stack being clear most of the time at times a light have was affarent. This locomotive has large side arrofeninger 5"x30" at chate entrance.

FORM 264

8-46-300M

UNION PACIFIC RAILROAD COMPANY

FILE NO. _ 194 _ fireman used atomizer valve & turn open. On May 6 locamotive 3811 was used on Earthound freight and checked from Fa Grande tobaker. This locomotive is equipped with wide pan and 74 x 242 ride air openings. But of ocatello shops Feb 3 and M. 2. Poutlo May 3. Lolomotive strans free but not quite as free as other 3800 class locomptives checked. It is necessary to use more blower at back pressures below 5PSI. In order to make fire fill firebox it was necessary to close bottom damper and use about I turn in atomiger valoe. No trouble was efferienced in steaming the locomptive and full boiler pressure was larly maintained with clear stack to light have becomative was worked up to 17 PSI back fressure. Locomotive 3982 on train 12 was checked Baker to Huntington and found to be

FORM 264 8-46-300M UNION PACIFIC RAILROAD COMPANY FILE NO. _ _ 194 steaming satisfactorily unles all lavi sperete from drifting Conde an at pressure racke Core a be maintained - er 15 did not l' ride stall , wo an in the tillen statemainer for results. constract 3980 was C ing tington Tim Ta la in 17. Core lamed oun time for ating Con + 2m an 010 Ali. e als Comerlos. a 2 maintaine Tempo no more Than 2 ar 1 th

Orig JWB OL Cy GFA PJL Oma & OL

B-25 excessive fuel consumption oil burners NWD. Engr Road Tests is now at Portland on this assignment making study 3900 class and will follow 3800 and 3500 respectively to develop correction necy.

N-140

DSN