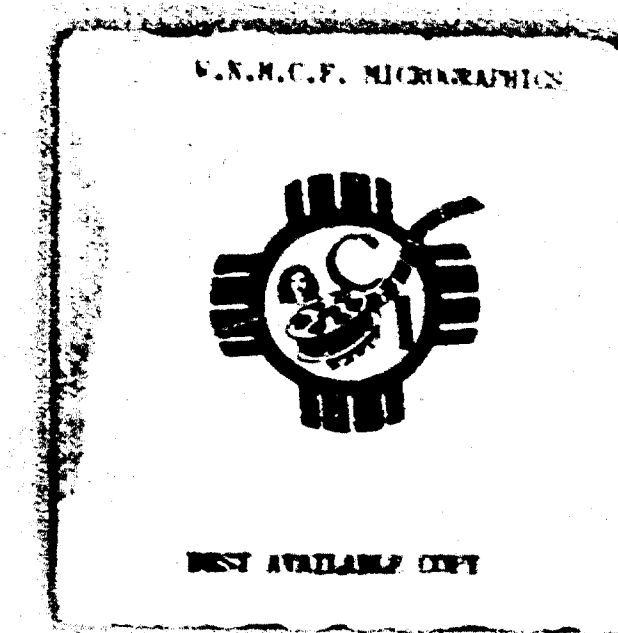
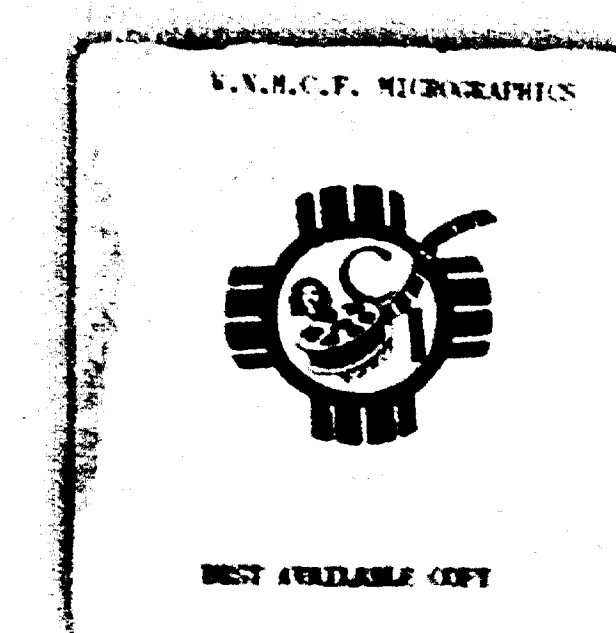
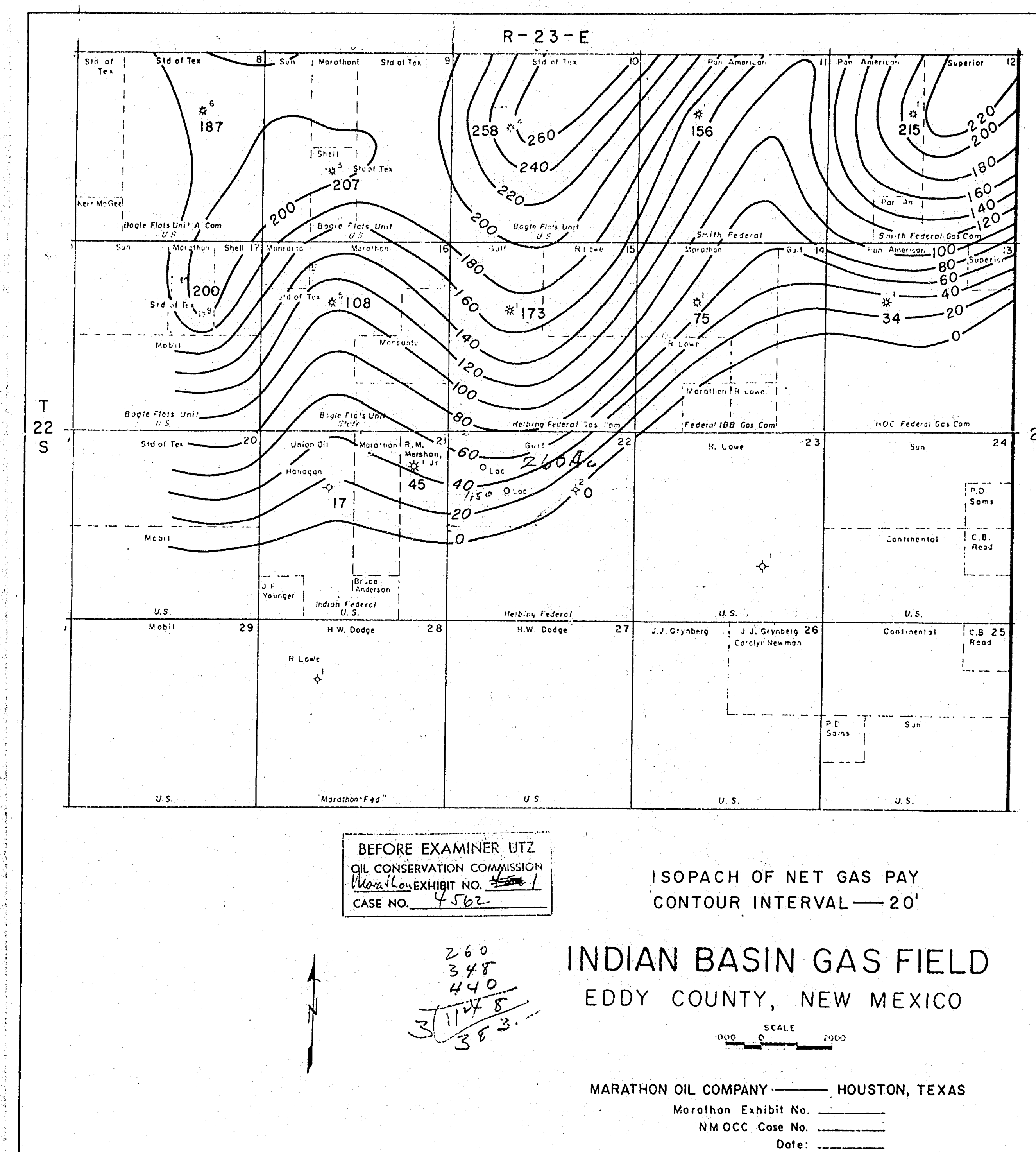


4562

Large Exhibits





A
STD. OF TEXAS
NO. 5 BOGLE FLATS UNIT
IPCAOF 38,400 MCFGPD

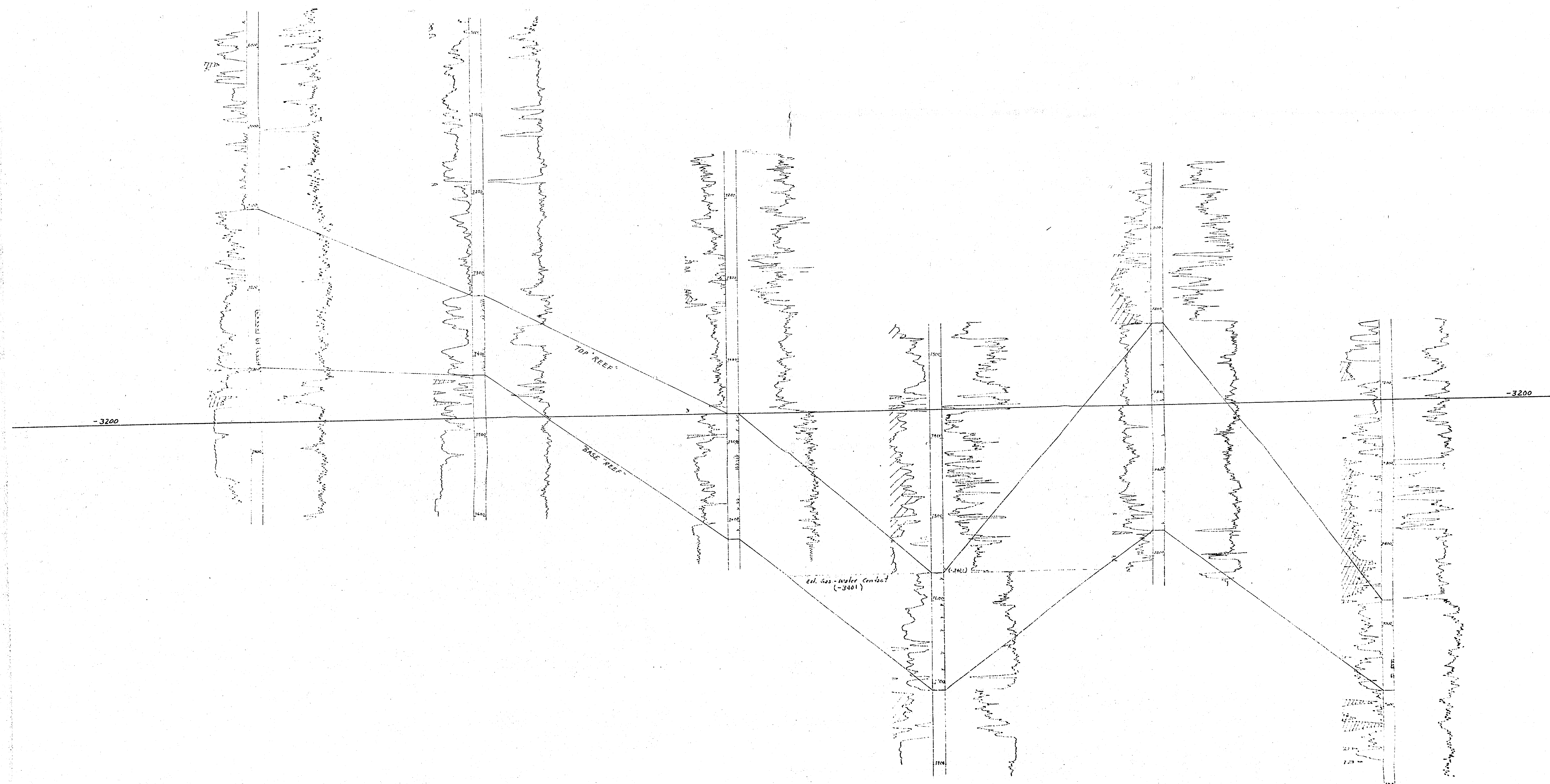
HANAGAN PETROLEUM
NO. 1 INDIAN - FEDERAL
P. & A.

WESTERN STATES PRODUCING CO.
NO. 1 MERSHON GAS COM.
IPCAOF 7400 MCFGPD

GULF OIL CORP.
NO. 2 HELBING FEDERAL
P. & A.

GULF OIL CORP.
NO. 1 HELBING FEDERAL
IPCAOF 15,045 MCFGPD

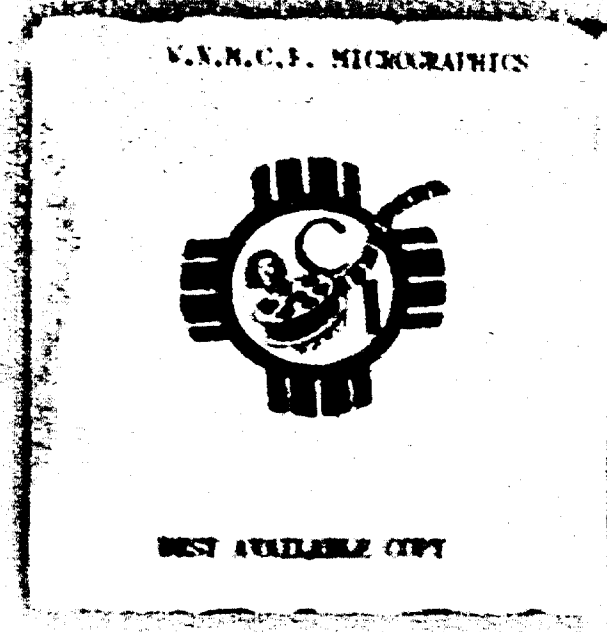
B
MARATHON OIL COMPANY
NO. 1 FEDERAL "B B"
IPCAOF 15,187 MCFGPD

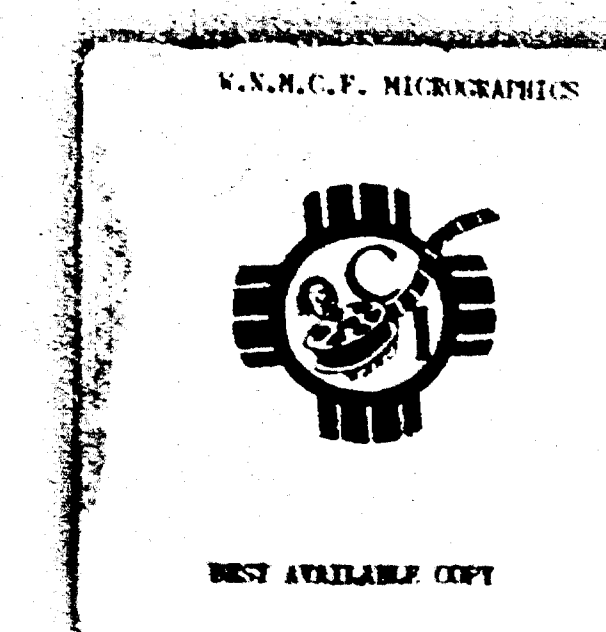
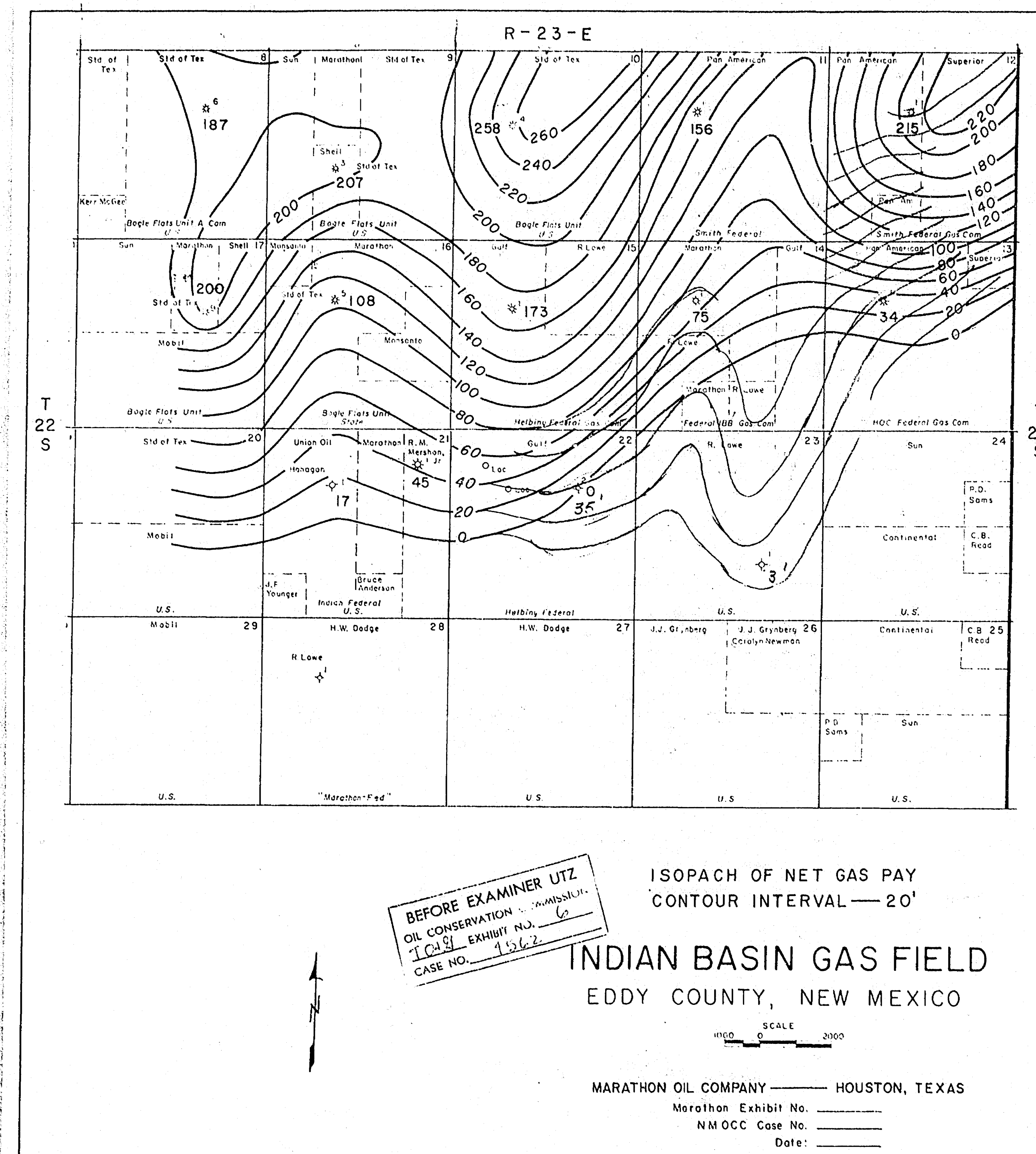


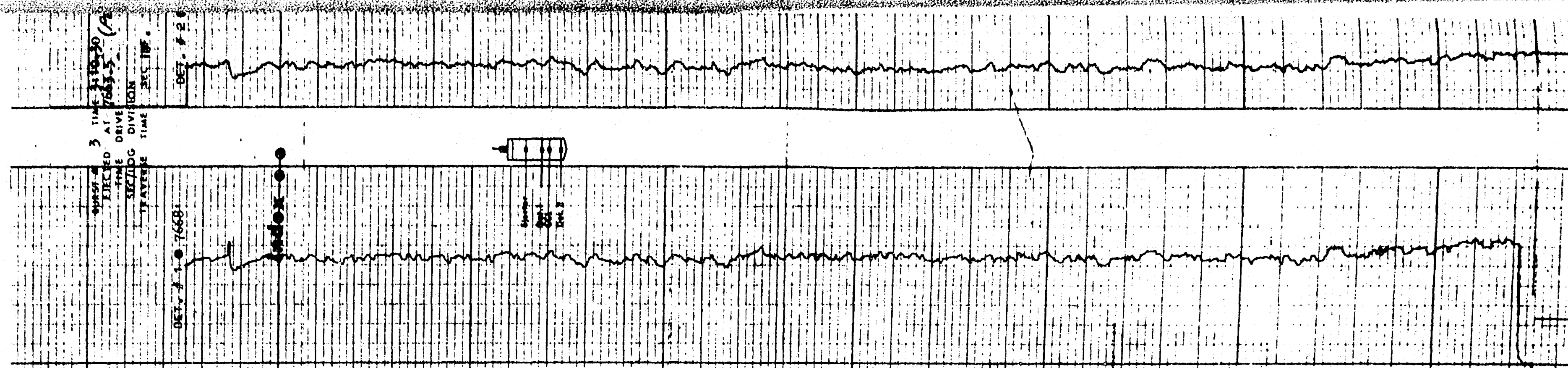
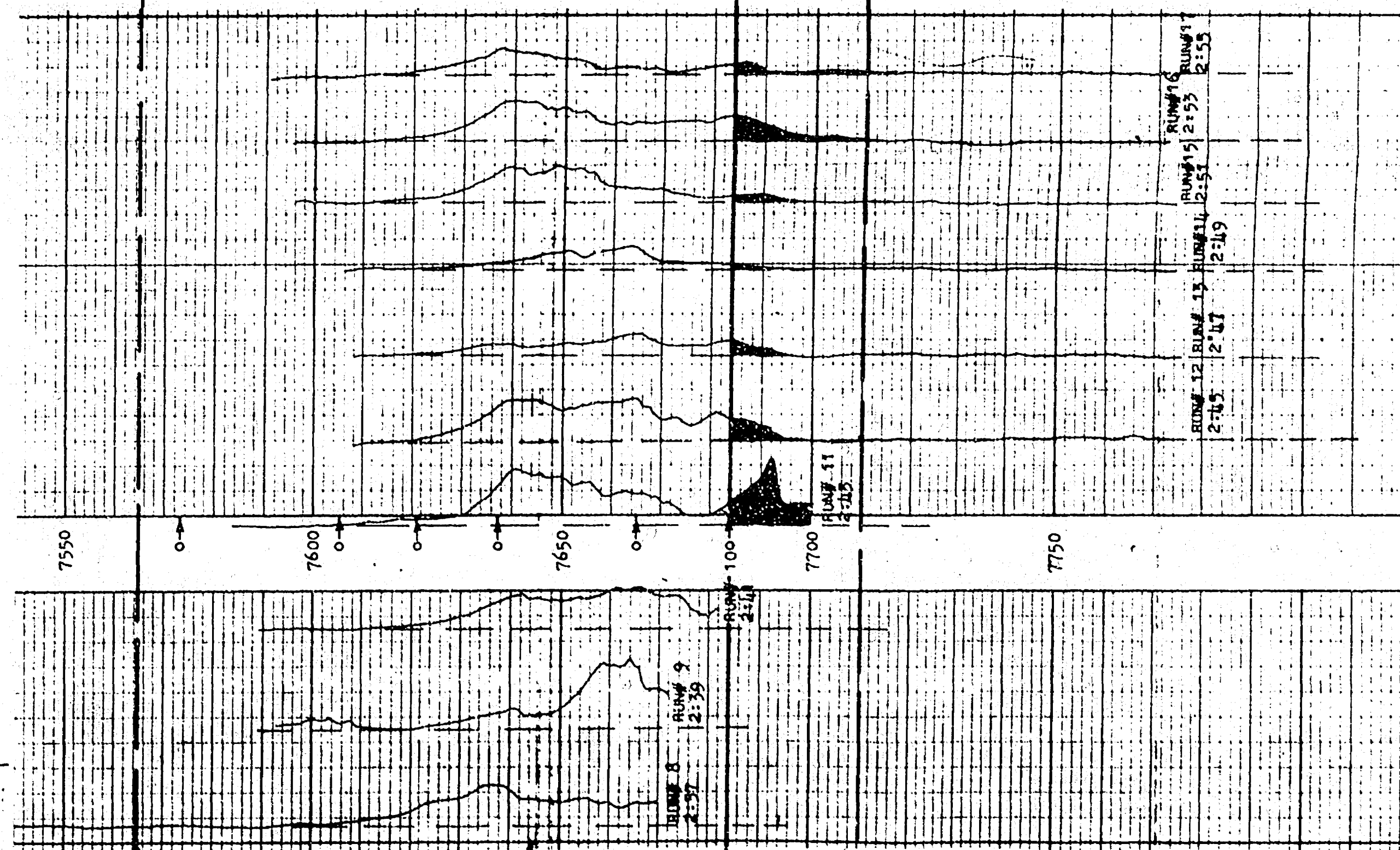
Well 7573-7684
Ac. 1000 gal.
Sub. 1/15 BEIS W.T.
w. P.S.
FTR 2-28-66

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
V.C.S. EXHIBIT NO. 2
CASE NO.

WESTERN STATES PROD. Co.
CROSS SECTION
Indian Basin Field
Eddy Co. New Mexico
6-29-71

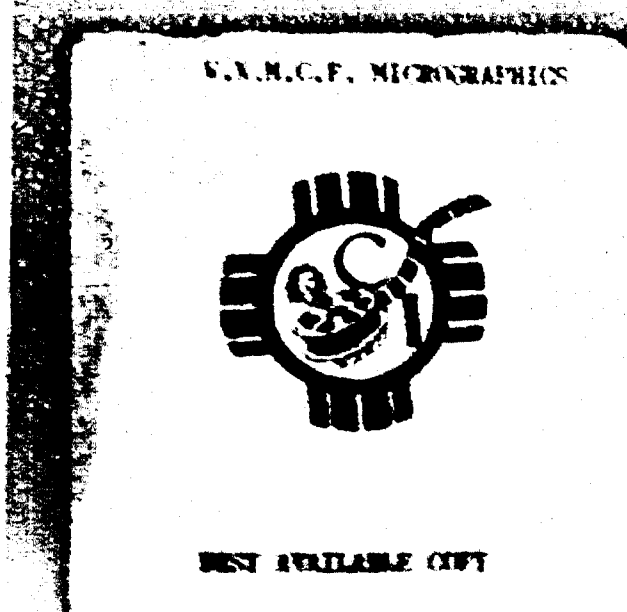




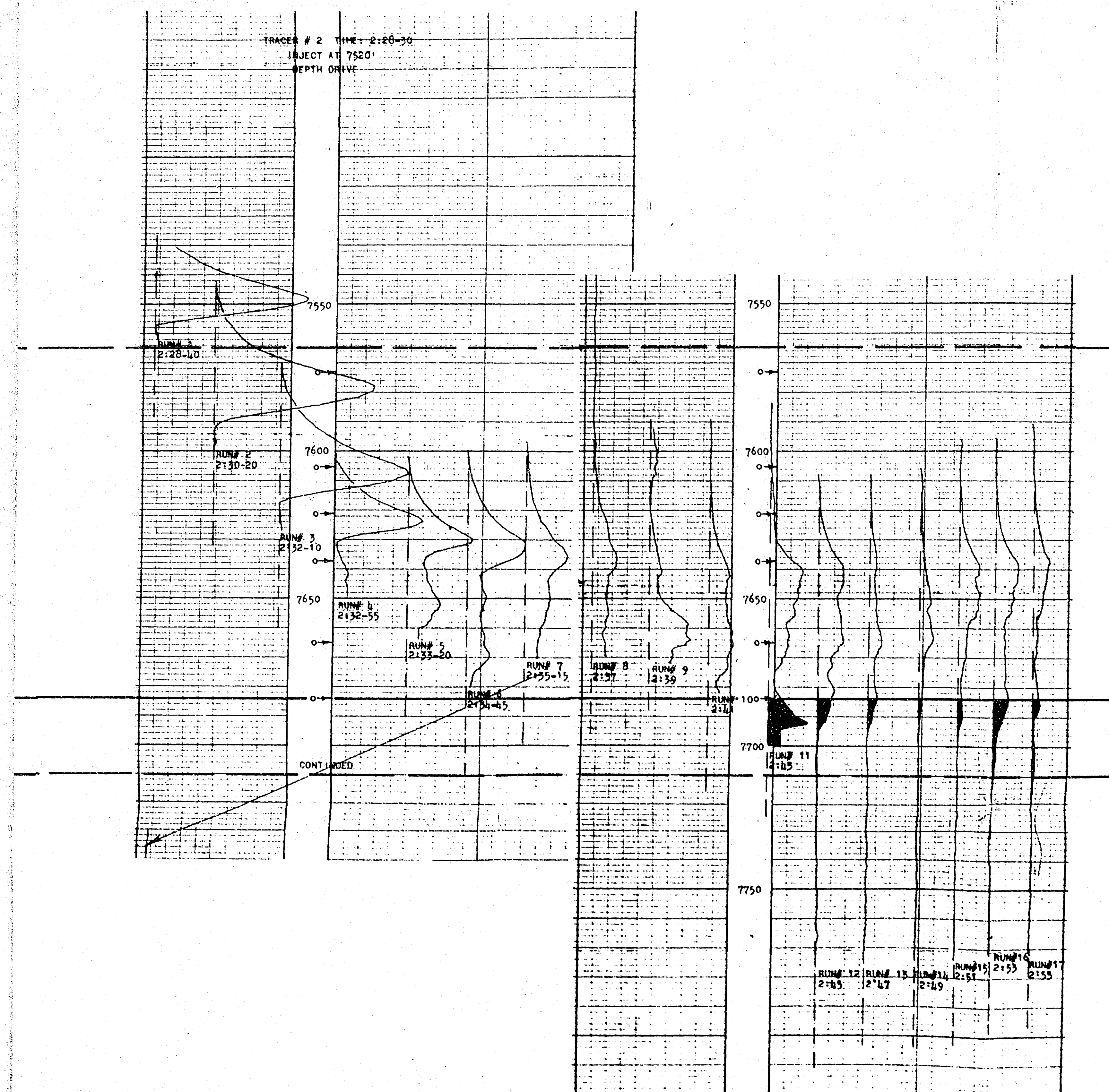


VELOCITY NOT WITHSTANDING
ABOVE PER @ 7665 IN
MOVING INSIDE CASING

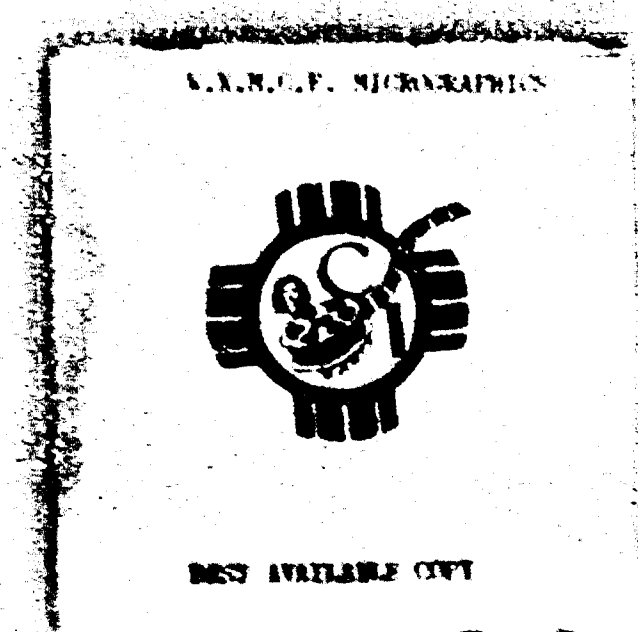
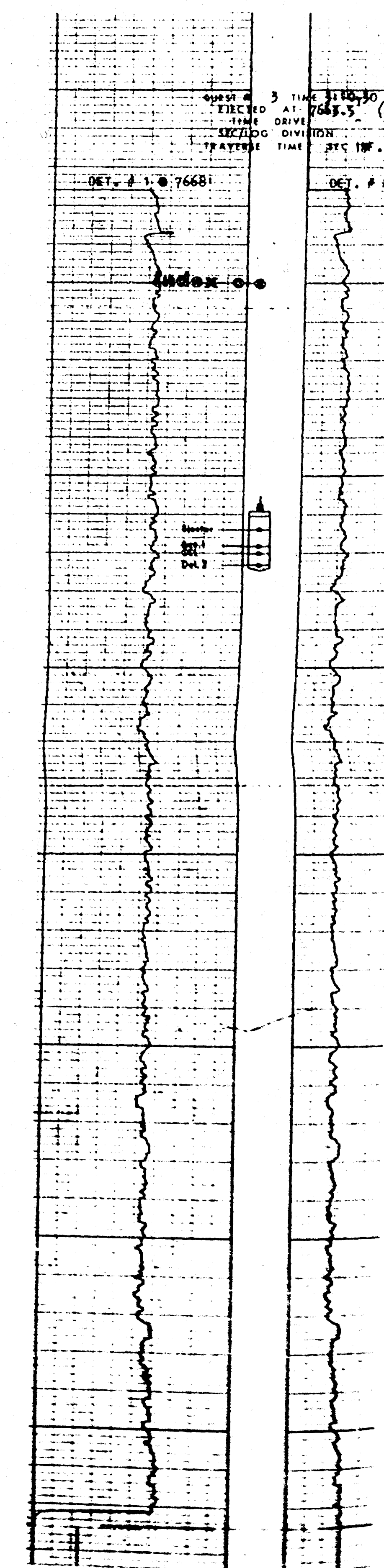
SECOND TRACER SURVEY MORE DEFINITIVE. INDICATES VIRTUALLY ALL TRACER MATERIAL LEAVING THE WELL BORE THROUGH THE 2nd 32 1/4" PERFORATION FROM TOP AND CHANNELING DOWN AT LEAST TO 1710, OR 30 BEYOND LOWEST PERFORATION.

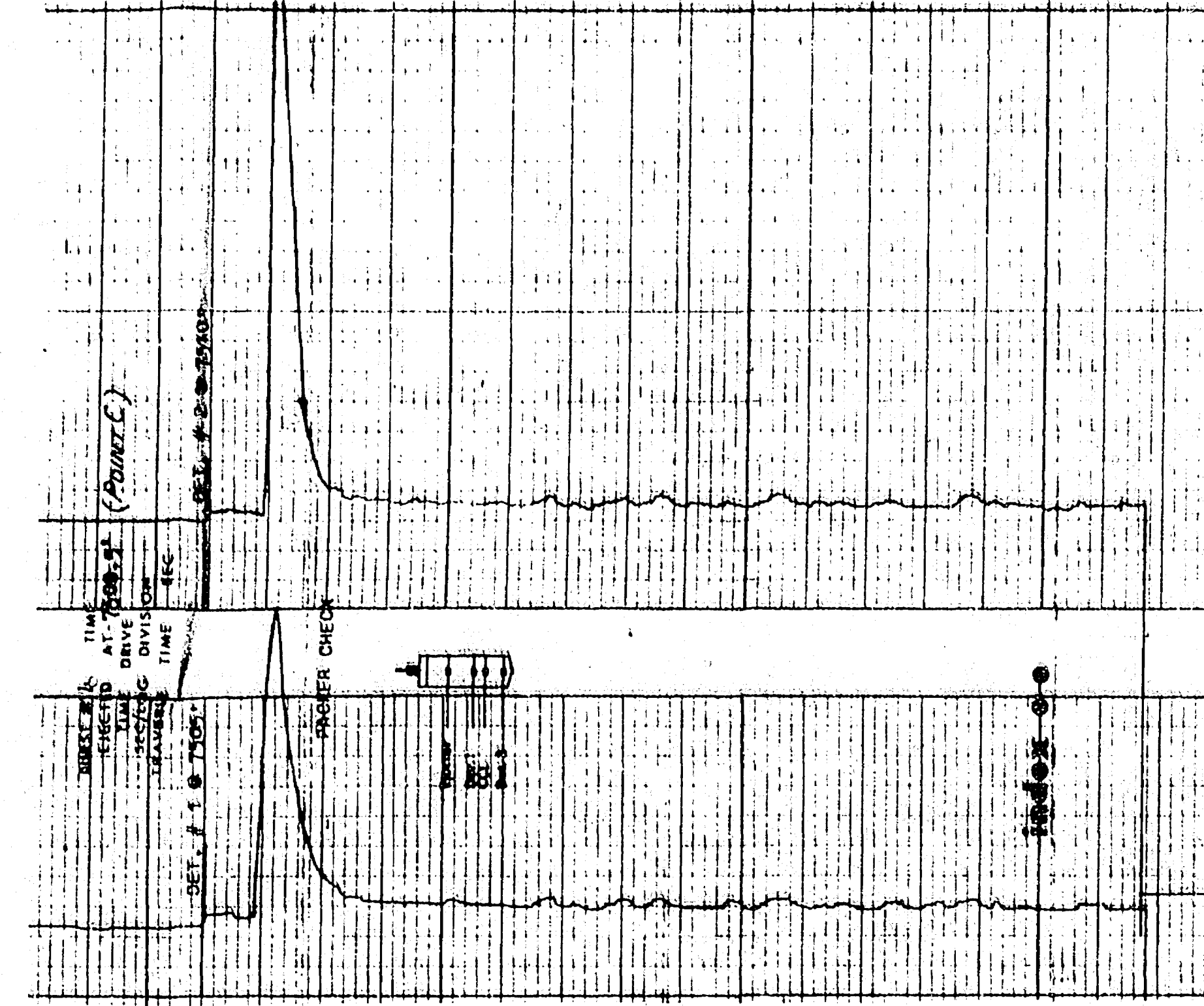


TRACER RUNS - RADIOACTIVE MATERIAL EJECTED AT 7500' (POINT A). TOOL WAS THEN
 LOWERED AND LOGGING RUNS WERE MADE AS TOOL WAS PULLED UP THROUGH
 TRACER SLUG.

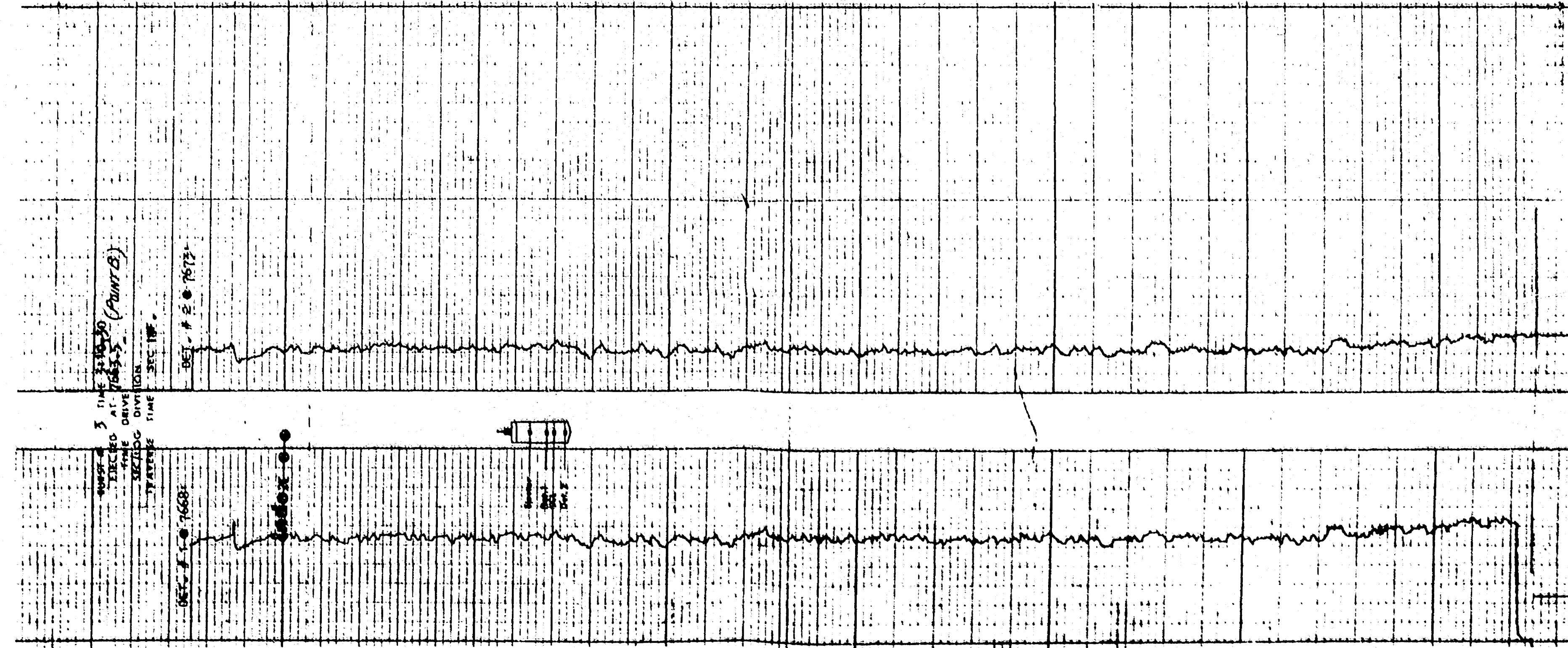


SECOND TRACER SURVEY MORE DEFINITIVE INDICATES VIRTUALLY ALL TRACER MATERIAL LEAVING THE
 WELL BORE THROUGH THE 2 1/2" 14" PERFORATION FROM TOP AND CHANNELING DOWN AT LEAST TO 7700, OR
 30 BEYOND CONEJET PERFORATION

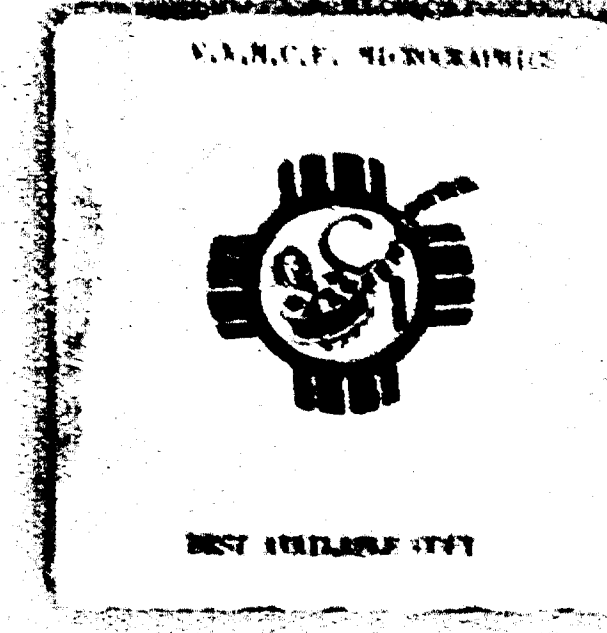
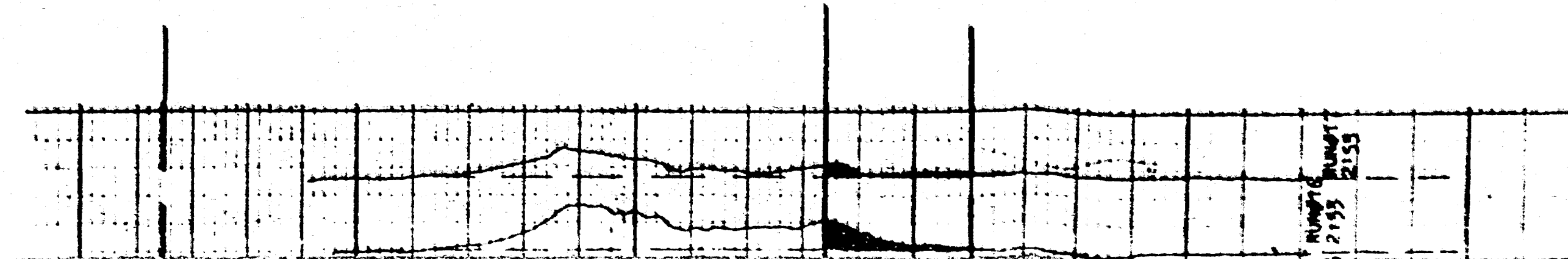


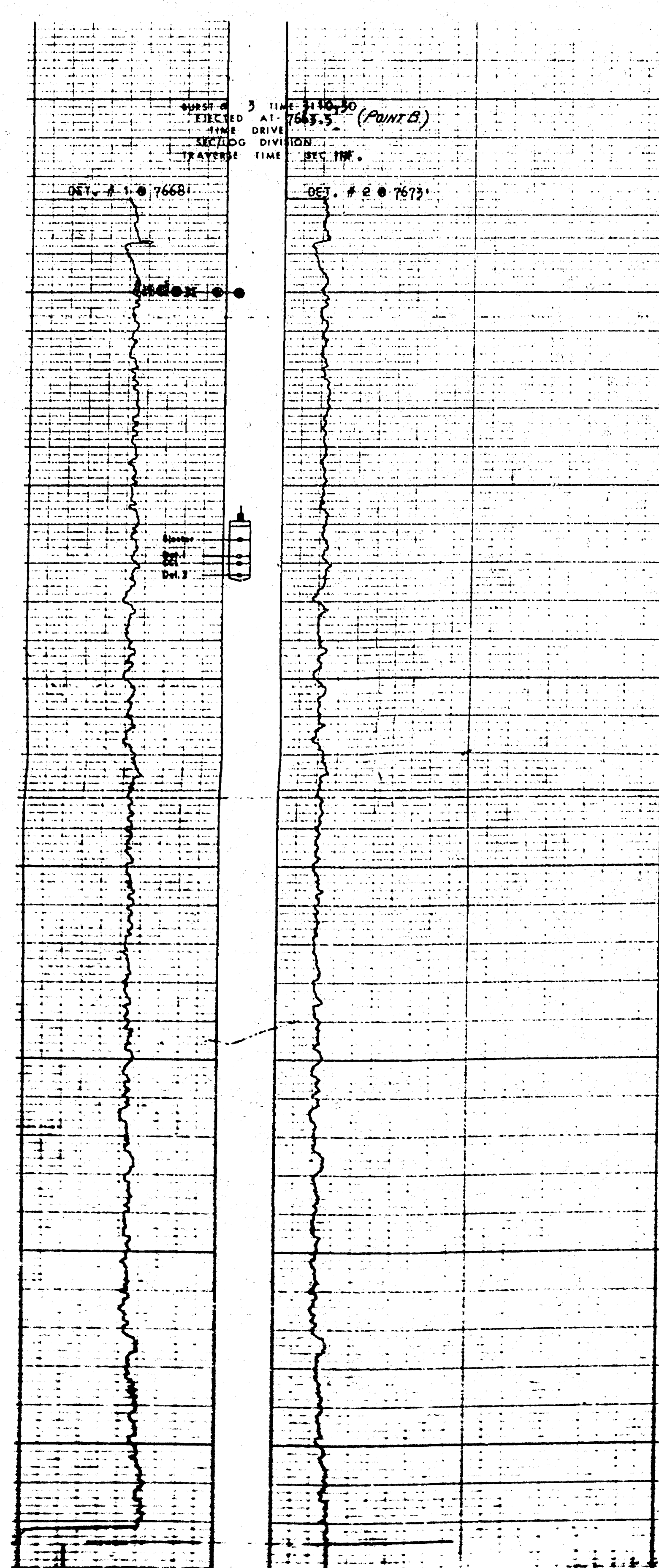
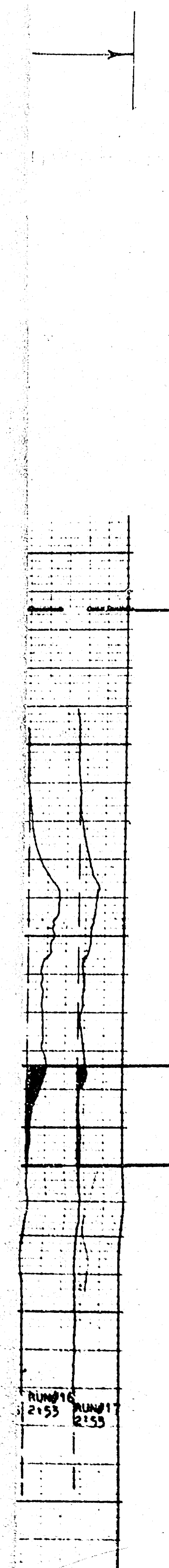


RECORD FOR FOR POWER CURVE

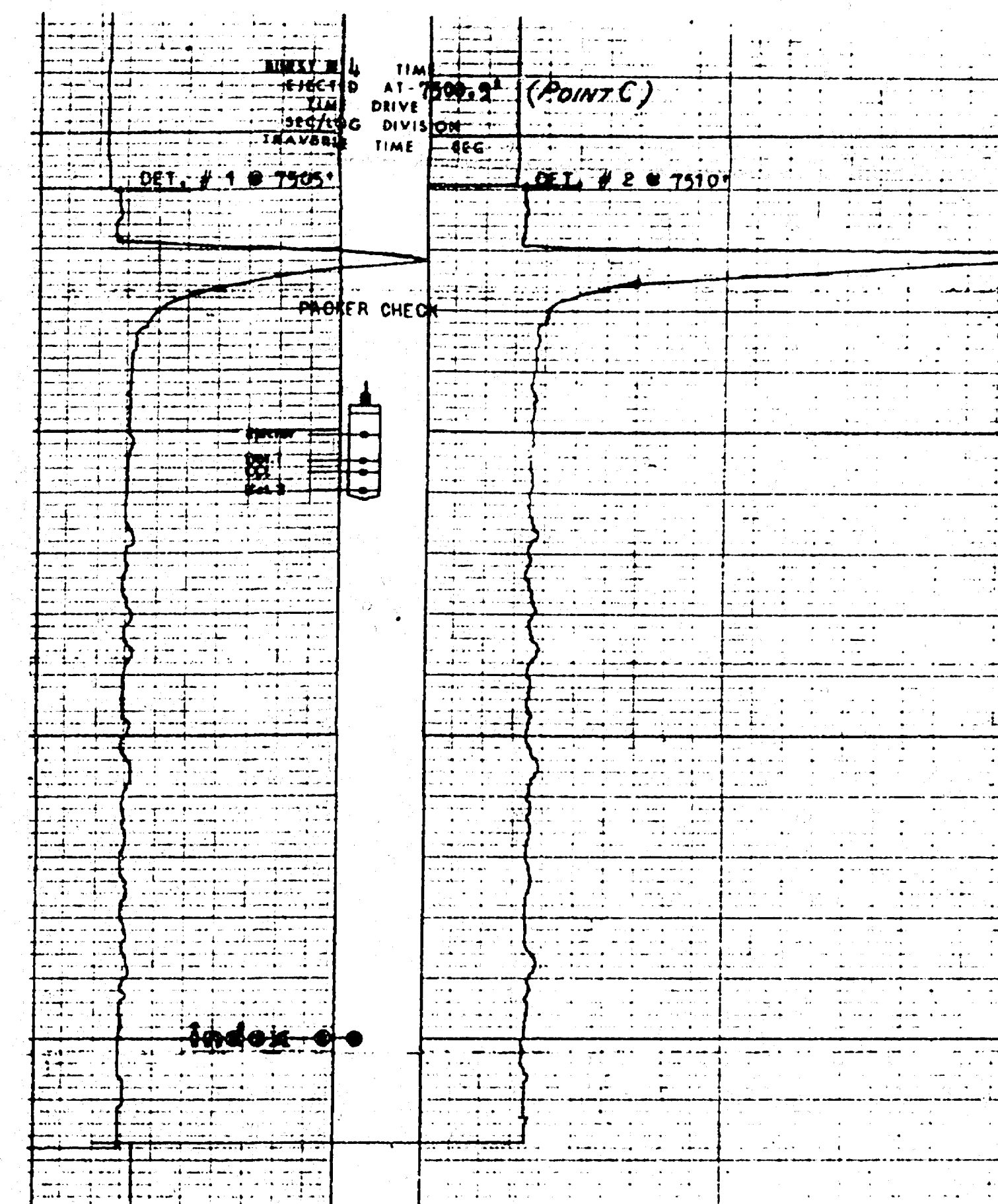


RECORD FOR FOR VOLTAGE CURVE





VELOCITY SHOT IN TRACER ELECTED IMMEDIATELY
 ABOVE PLOT @ 7665 INDICATES TRACER NOT
 MOVING INSIDE CARRY @ THIS POINT.



VELOCITY SHOT FOR POWER CHECK

