

Flow Time	1st 10	Min.	2nd 61	Min.	Date	7-21-64	Ticket Number	423891 S
Closed In Press. Time	1st 20	Min.	2nd 30	Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field		Office Corrected		Tester	A.A. BERENS	Witness	O. HOWELL
Depth Top Gauge	4118 Ft.	no	Blanked Off		Drilling Contractor	RAINS & WILLIAMSON OIL COMPANY		LC
BT. P.R.D. No.	698	12	Hour Clock		Elevation	--	Top Packer	4110'
Initial Hydro Mud Pressure		2249			Total Depth	4160'	Bottom Packer	4115'
Initial Closed in Pres.		1272			Interval Tested	4115' - 4160'	Formation Tested	Cherokee
Initial Flow Pres.		1	45		Casing or Hole Size	7 7/8"	Casing Perfs.	Top
		2	61					Bot.
Final Flow Pres.		1	58		Surface Choke	1/4"	Bottom Choke	7/8"
		2	113		Size & Kind Drill Pipe	990' Flex Weight 4 1/2" API FH	Drill Collars Above Tester	--
Final Closed in Pres.		1262			Mud Weight	10.1	Mud Viscosity	41
Final Hydro Mud Pressure		2173			Temperature	117	Anchor Size & Length	ID 3.76" OD 5" X 45'
Depth Cen. Gauge			Blanked Off		Depths Mea. From	Kelly Bushing	Depth of Tester Valve	-- Ft.
BT. P.R.D. No.			Hour Clock		Cushion	TYPE none	Depth Back Pres. Valve	-- Ft.
Initial Hydro Mud Pres.					Recovered	150	Feet of muddy water.	
Initial Closed in Pres.					Recovered		Feet of	
Initial Flow Pres.		1			Recovered		Feet of	
Final Flow Pres.		2			Recovered		Feet of	
Final Closed in Pres.					Recovered		Feet of	
Final Hydro Mud Pres.					Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	4156 Ft.	yes	Blanked Off		Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	697	12	Hour Clock		Tool Opened	7:25 A.M.	A.M. Tool Closed	9:25 A.M. P.M.
Initial Hydro Mud Pres.		2230			Remarks	Tool opened for a 10 minute first flow.		
Initial Closed in Pres.	1399	1253				Closed tool for a 20 minute initial closed in pres-		
Initial Flow Pres.	40	1	20			sure. Reopened tool for a 61 minute second flow		
Final Flow Pres.		1	33			with a very weak blow throughout test. Closed tool		
Final Closed in Pres.	126	2	90			for a 30 minute final closed in pressure.		
Final Hydro Mud Pres.		1395	1242					
			2151					

Legal Location Sec. - Twp. - Rng. 22 15 21

Lease Name PRICE

Well No. 1

Test No. 1

Field Area WILD CAT

County TREGO

State KANSAS

Lease Owner/Company Name HINKLE OIL COMPANY

Owner's District WICHITA

FORMATION TEST DATA

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Gauge No. 698		Depth 4118'			Clock 12 hour		Ticket No. 423891			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	
P ₀	.000	45	.000		58	.000	61	.000		113
P ₁	.0142	48	.0144		1034	.1065	71	.0206		1102
P ₂	.0284	57**	.0288		1208	.2130	85	.0412		1213
P ₃	.0426	71**	.0432		1246	.3195	97	.0618		1236
P ₄	.0568	87**	.0576		1260	.4330	113*	.0824		1247
P ₅	.0710	58	.0720		1266			.1030		1252
P ₆			.0864		1269			.1236		1256
P ₇			.1008		1271			.1442		1259
P ₈			.1152		1272			.1648		1260
P ₉			.1296		1272			.1854		1261
P ₁₀			.1440		1272			.2060		1262

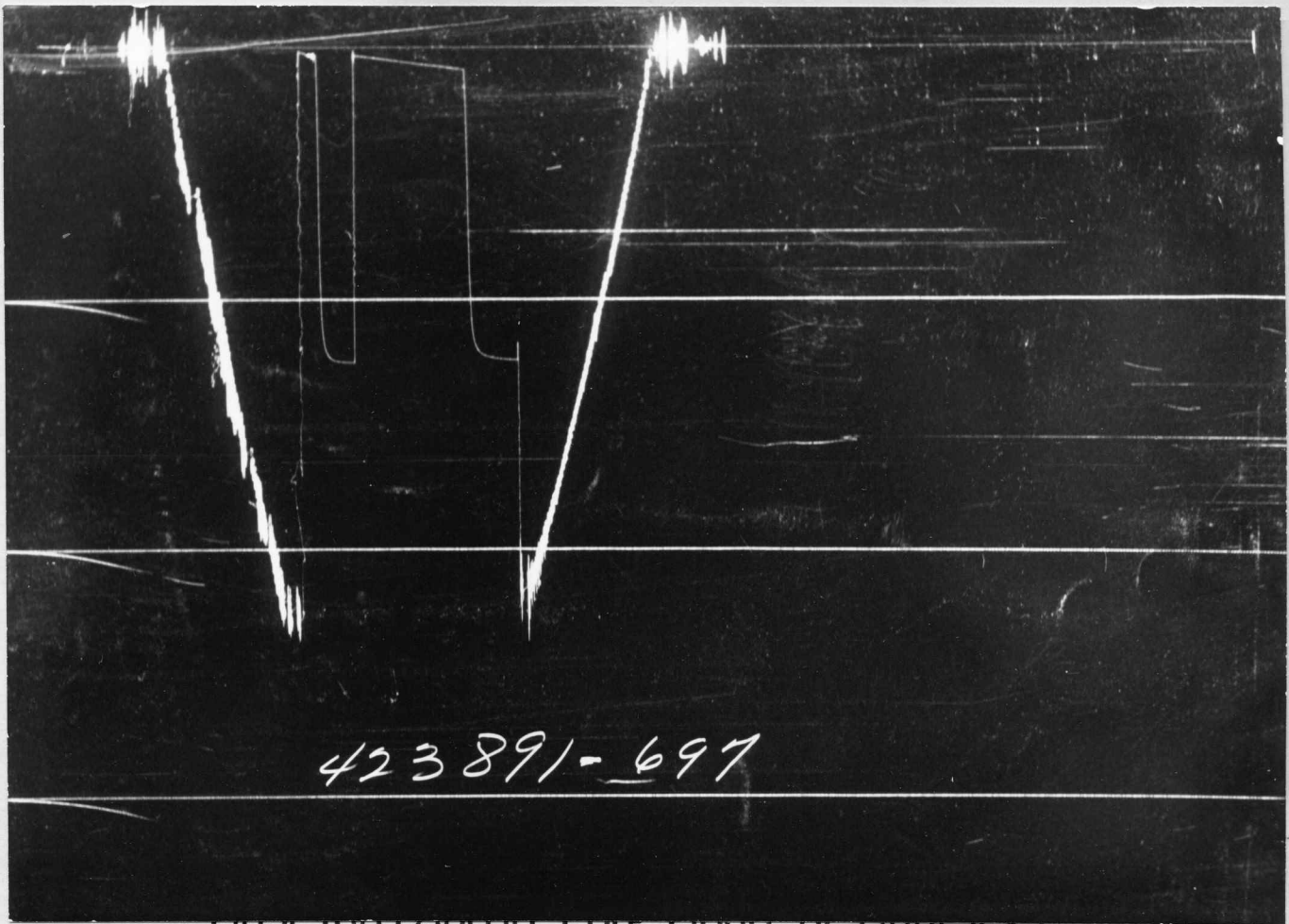
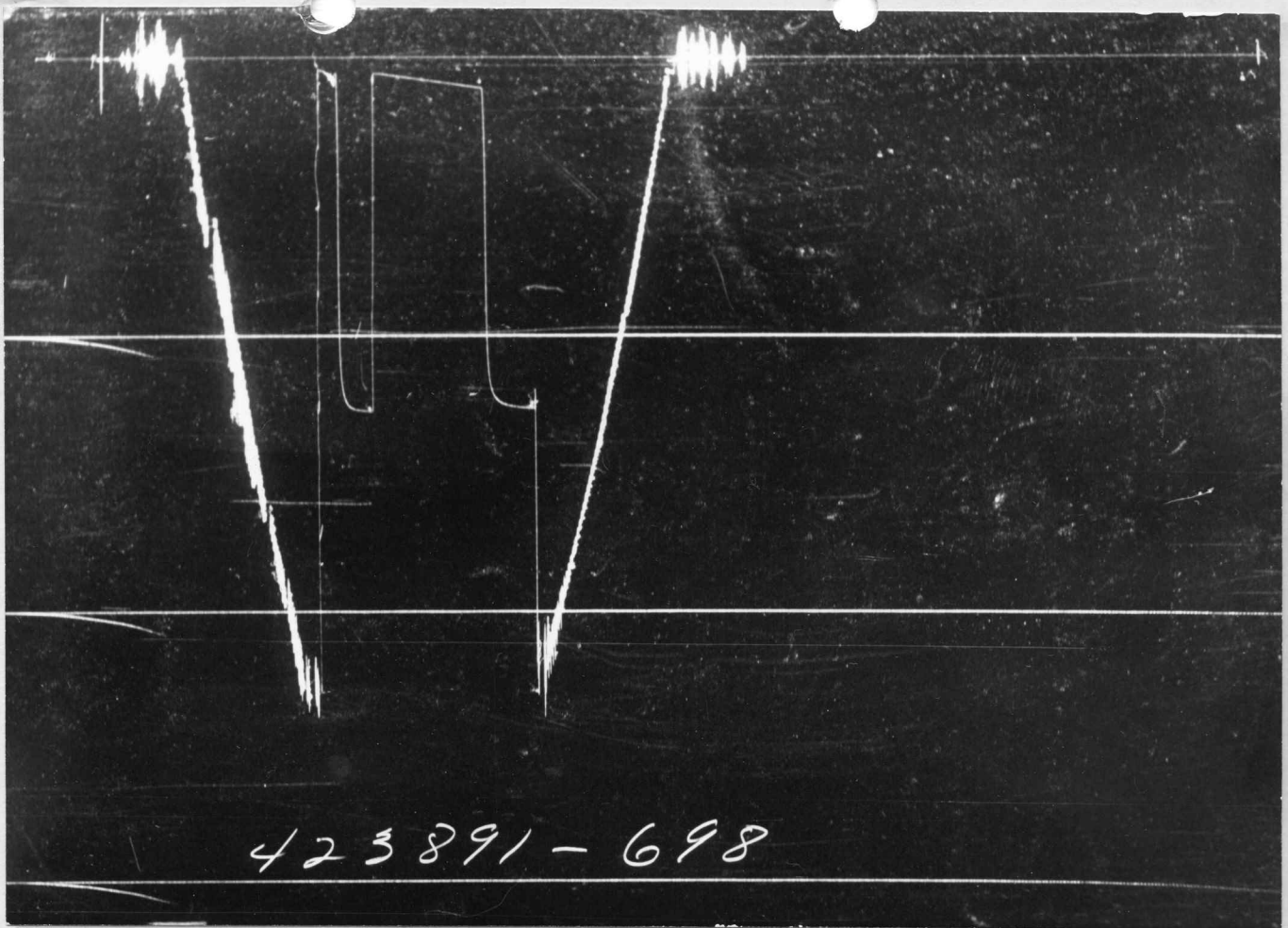
Gauge No. 697		Depth 4156'			Clock 12 hour					
P ₀	.000	20	.000		33	.000	34	.000		90
P ₁	.0138	22	.0149		929	.1077	46	.0206		988
P ₂	.0276	28**	.0298		1181	.2154	60	.0412		1186
P ₃	.0414	32**	.0447		1225	.3231	74	.0618		1215
P ₄	.0552	33**	.0596		1240	.4380	90*	.0824		1226
P ₅	.0690	33	.0745		1246			.1030		1232
P ₆			.0894		1249			.1236		1236
P ₇			.1043		1251			.1442		1238
P ₈			.1192		1251			.1648		1240
P ₉			.1341		1252			.1854		1241
P ₁₀			.1490		1253			.2060		1242

Reading Interval 2 2 15 3 Minutes

REMARKS: * Last interval equal to 16 minutes

** Questionable

SPECIAL PRESSURE DATA



Each horizontal line equal to 1000 p.s.i.

Flow Time	1st 2	Min.	2nd 20	Min.	Date	7-22-64	Ticket Number	423892	S
Closed In Press. Time	1st 20	Min.	2nd 20	Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS	
Pressure Readings	Field		Office Corrected		Tester	A.A. BERENS	Witness	ORVIE HOWELL	
Depth Top Gauge	4170 Ft.		Blanked Off no		Drilling Contractor	RAINS & WILLIAMSON		LC	
BT. P.R.D. No.	697		12		Hour Clock	Elevation	--	Top Packer	4162'
Initial Hydro Mud Pressure			2299		Total Depth	4185'		Bottom Packer	4167'
Initial Closed in Pres.			1278		Interval Tested	4185' - 4167'		Formation Tested	Cherokee
Initial Flow Pres.	1		432		Casing or Hole Size	7 7/8"	Casing Perfs.	Top	
	2		673					Bot.	
Final Flow Pres.	1		557		Surface Choke	1/4"	Bottom Choke	7/8"	
Final Closed in Pres.	2		1102		Size & Kind Drill Pipe	990' Flex Weight 4 1/2" API FH		I.D. - LENGTH Drill Collars Above Tester --	
Final Hydro Mud Pressure			2193		Mud Weight	10		Mud Viscosity	54
Depth Cen. Gauge	Ft.		Blanked Off		Temperature	117		Anchor Size & Length	ID -- X
BT. P.R.D. No.					Hour Clock	Depths Mea. From	Rotary Bushing	Depth of Tester Valve	--
Initial Hydro Mud Pres.						TYPE AMOUNT		Depth Back Pres. Valve	--
Initial Closed in Pres.						Cushion	none	Ft.	
Initial Flow Pres.	1					Recovered	-2840	Feet of salt water.	
Final Flow Pres.	2					Recovered		Feet of	
Final Closed in Pres.	1					Recovered		Feet of	
Final Hydro Mud Pres.	2					Recovered		Feet of	
Depth Bot. Gauge	4181 Ft.		Blanked Off yes		Gas Gravity			Surface Pressure	psi
BT. P.R.D. No.	698		12		Hour Clock	Tool Opened		A.M. Tool Closed	A.M. P.M.
Initial Hydro Mud Pres.			2307		Remarks	Tool opened for a 2 minute first flow.			
Initial Closed in Pres.	1274		1285		Closed tool for a 20 minute initial closed in pres-				
Initial Flow Pres.	527		1 528		sure. Reopened tool for a 20 minute second flow				
Final Flow Pres.	2 682		1 623		with a strong blow throughout test. Closed tool				
Final Closed in Pres.	1090		2 1110		for a 20 minute final closed in pressure.				
Final Hydro Mud Pres.			1268		1264				
Final Hydro Mud Pres.			2200						

Legal Location Sec. - Twp. - Rng. 22 15 21
 Lease Name
 Well No. 1
 Test No. 2
 Field Area
 WILD CAT
 County
 TREGO
 State
 KANSAS

PRICE # 1
 HINKLE OIL COMPANY
 Lease Owner/Company Name
 WICHITA
 Owner's District

FORMATION TEST DATA

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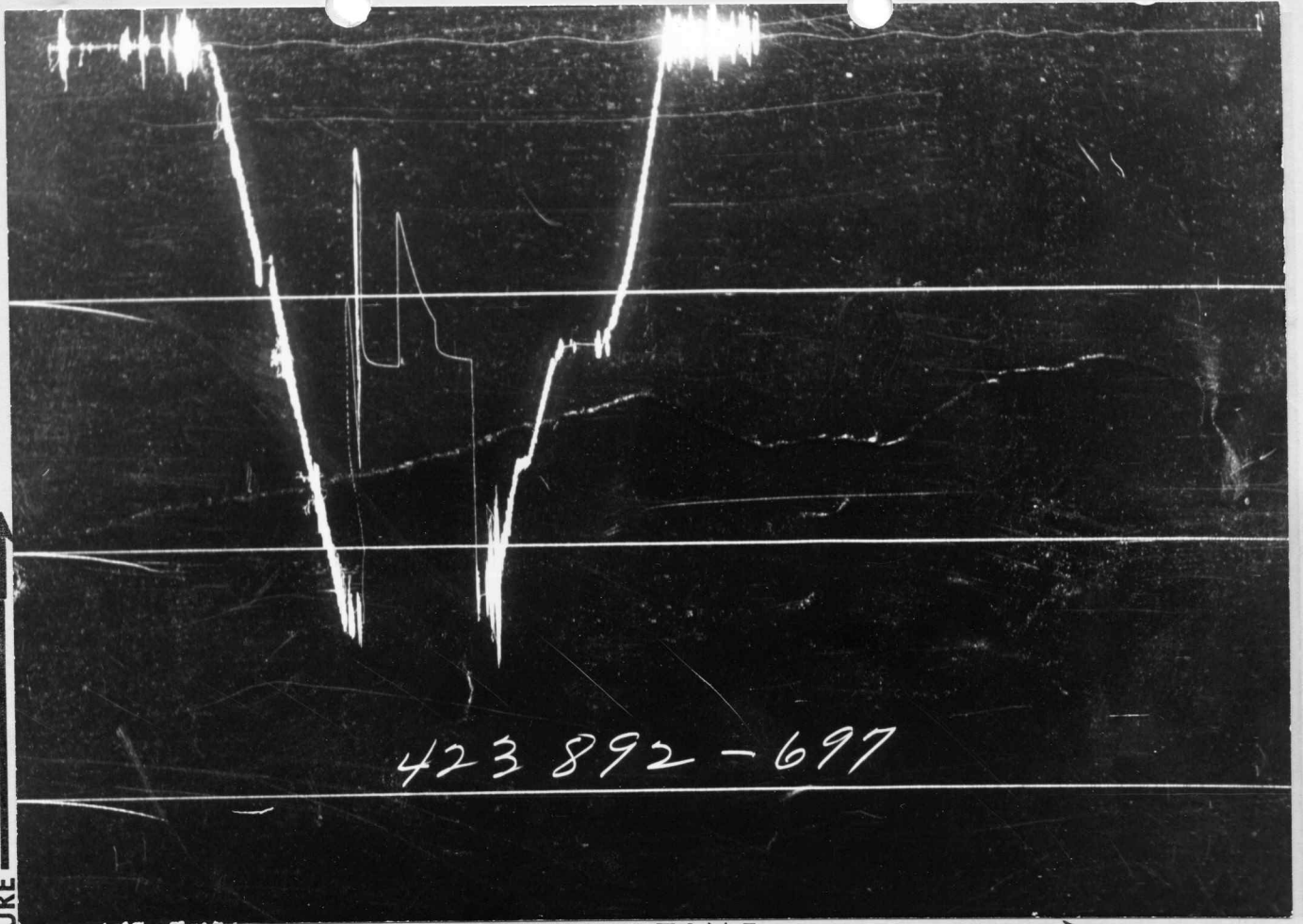
Gauge No. 697		Depth 4170'			Clock 12 hour		Ticket No. 423892			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	
P ₀	.000	432	.000		557	.000	673	.000		1102
P ₁	.017	557	.0142		1244	.0284	778	.0141		1220
P ₂			.0284		1258	.0568	893	.0282		1231
P ₃			.0426		1265	.0852	981	.0423		1238
P ₄			.0568		1269	.1136	1048	.0564		1242
P ₅			.0710		1272	.1420	1102	.0705		1246
P ₆			.0852		1274			.0846		1249
P ₇			.0994		1276			.0987		1251
P ₈			.1136		1277			.1128		1253
P ₉			.1278		1278			.1269		2155
P ₁₀			.1420		1278			.1410		1256

Gauge No. 698		Depth 4181'			Clock 12 hour					
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	
P ₀	.000	528	.000		623	.000	682	.000		1110
P ₁	.013	623	.015		1246	.0276	784	.0144		1228
P ₂			.030		1264	.0552	900	.0288		1239
P ₃			.045		1272	.0828	990	.0432		1246
P ₄			.060		1276	.1104	1061	.0576		1250
P ₅			.075		1279	.1380	1110	.0720		1254
P ₆			.090		1282			.0864		1257
P ₇			.105		1283			.1008		1259
P ₈			.120		1283			.1152		1261
P ₉			.135		1285			.1296		1262
P ₁₀			.150		1285			.1440		1264
Reading Interval		2			4		2 Minutes			

REMARKS:

SPECIAL PRESSURE DATA

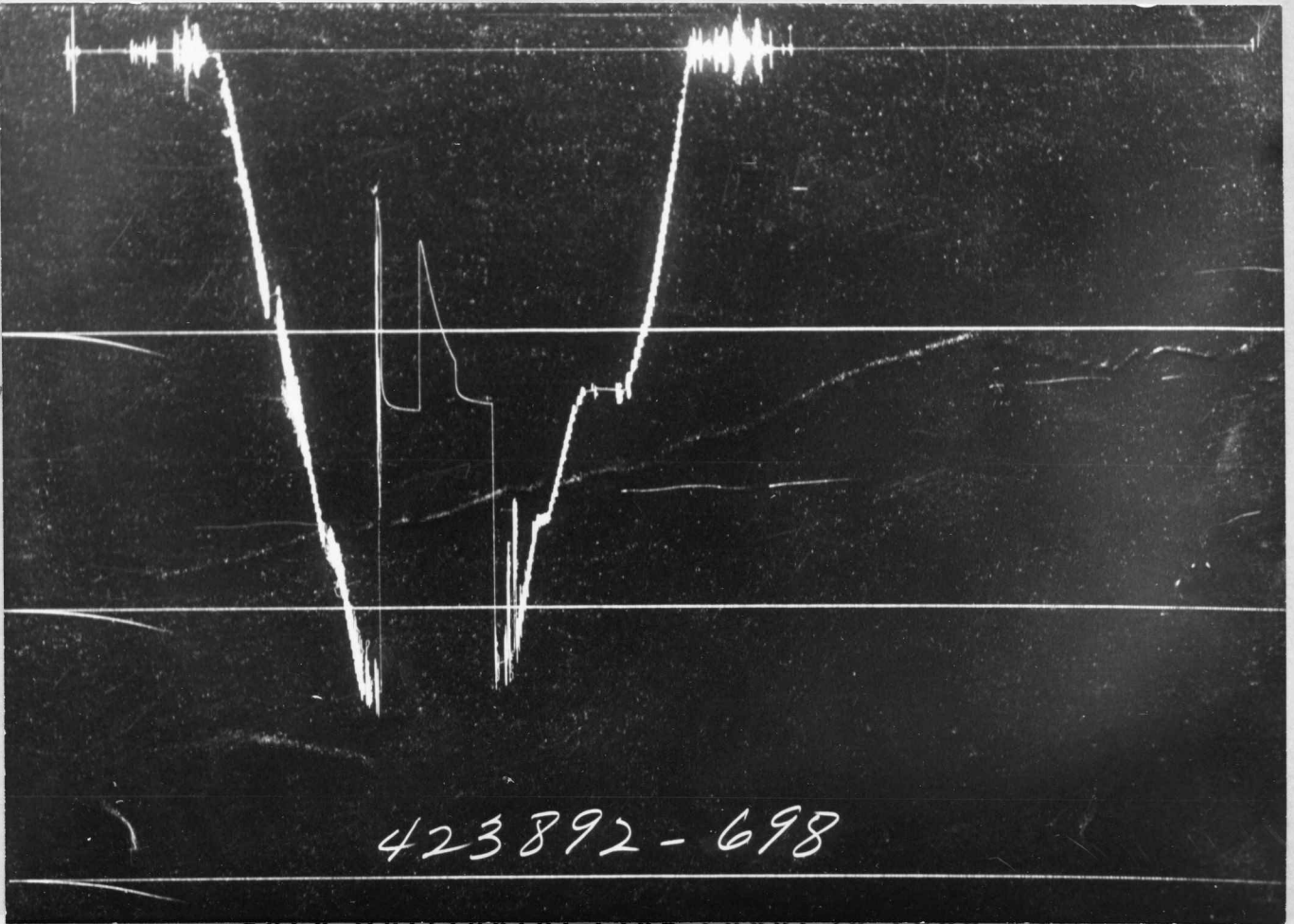
PRESSURE



423 892 - 697

TIME

PRESSURE



423 892 - 698

Each horizontal line equal to 1000 psi.