

Flow Time	1st 3 Min.	2nd 60 Min.	Date	8-18-62	Ticket Number	339372 S
Closed In Press. Time	1st 20 Min.	2nd 20 Min.	Kind of Job	Open hole test	Halliburton District	Great Bend
Pressure Readings	Field	Office Corrected	Tester	Adams	Witness	Goodwin
Depth Top Gauge	3253 Ft.	NO Blanked Off	Drilling Contractor	Mull Drilling Company		
BT. P.R.D. No.	397	12 Hour Clock	Elevation	-	Top Packer	3260'
Initial Hydro Mud Pressure		1554	Total Depth	3300'	Bottom Packer	-
Initial Closed in Pres.		1078	Interval Tested	3260' - 3300'	Formation Tested	Kansas City
Initial Flow Pres.	1 58	2 72	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	
Final Flow Pres.	1 50	2 162	Surface Choke	1"	Casing Perfs. } Bot.	
Final Closed in Pres.		702	Size & Kind Drill Pipe	4 1/2" FH	Bottom Choke	5/8"
Final Hydro Mud Pressure		1545	Mud Weight	10	Drill Collars Above Tester	I.D. - LENGTH
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	98 °F Est. °F Actual	Anchor Size & Length	ID 3 1/2" OD 4 1/2" X 40'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	3243' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	3248' Ft.
Initial Closed in Pres.			Cushion	- Ft.		
Initial Flow Pres.	1		Recovered	658 Feet of	Gassy foamy oily mud	
Final Flow Pres.	2		Recovered	94 Feet of	Free oil	
Final Closed in Pres.	1		Recovered			
Final Hydro Mud Pres.	2		Recovered			
Depth Bot. Gauge	3300 Ft.	YES Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	737	12 Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.		1580	Tool Opened	12:10 A.M. P.M.	Tool Closed	1:33 A.M. P.M.
Initial Closed in Pres.		1091	Remarks	Opened tool for 3 minute 1st flow. Closed tool for 20 minute initial closed in pressure.		
Initial Flow Pres.	1 105	2 94		Reopened tool for 60 minute 2nd flow. Closed tool for 20 minute final closed in pressure.		
Final Flow Pres.	1 66	2 168				
Final Closed in Pres.		702				
Final Hydro Mud Pres.		1567				

FORMATION TEST DATA

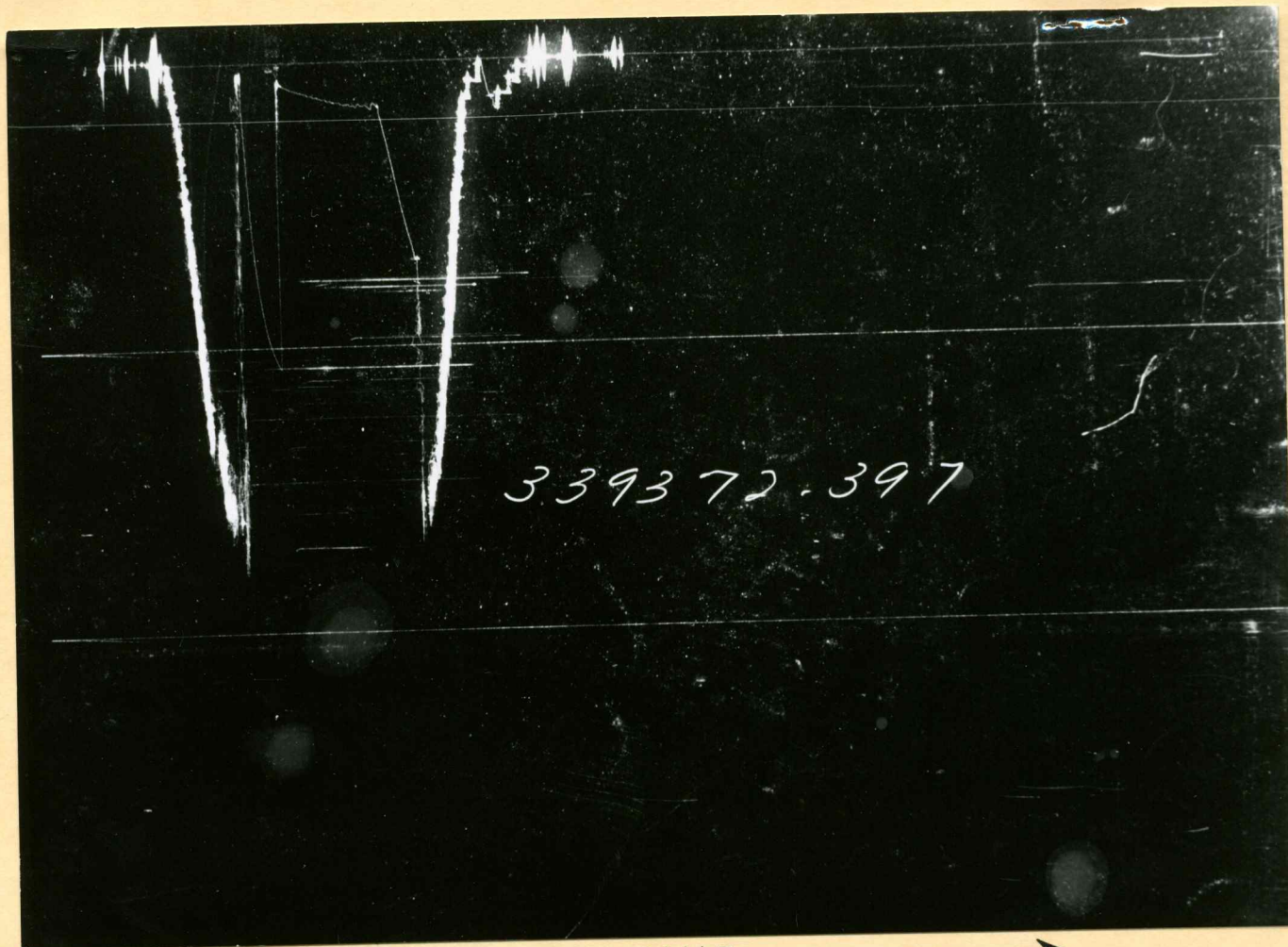
SCHAFER
 Lease Name
 SEC. 5 - 21 - 9
 Well No.
 Test No.
 Field Area
 County
 RICE
 State
 KANSAS
 THOMAS H. ALLAN
 Lease Owner/Company Name
 WICHITA
 Owner's District

Gauge No. 397			Depth 3253'			Clock 12 hour		Ticket No. 339372		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	58	.000		50	.000	27	.000		162
P ₁	.014	50	.0139		334	.102	110	.0141		231
P ₂			.0278		518	.204	141	.0282		281
P ₃			.0417		679	.306	157	.0423		342
P ₄			.0556		786	.408	162	.0564		404
P ₅			.0695		864			.0705		465
P ₆			.0834		930			.0846		524
P ₇			.0973		979			.0987		577
P ₈			.1112		1022			.1128		626
P ₉			.1251		1051			.1269		677
P ₁₀			.1390		1078			.1410		702

Gauge No. 737			Depth 3300'			Clock 12 hour				
P ₀	.000	105	.000		66	.000	94	.000		168
P ₁	.012	66	.0138		215	.099	120	.0134		217
P ₂			.0276		473	.198	148	.0268		268
P ₃			.0414		656	.297	166	.0402		329
P ₄			.0552		777	.396	168	.0536		388
P ₅			.0690		859			.0670		450
P ₆			.0828		929			.0804		497
P ₇			.0966		990			.0938		547
P ₈			.1104		1033			.1072		598
P ₉			.1242		1066			.1206		645
P ₁₀			.1380		1091			.1340		702
Reading Interval			2			15		2 Minutes		

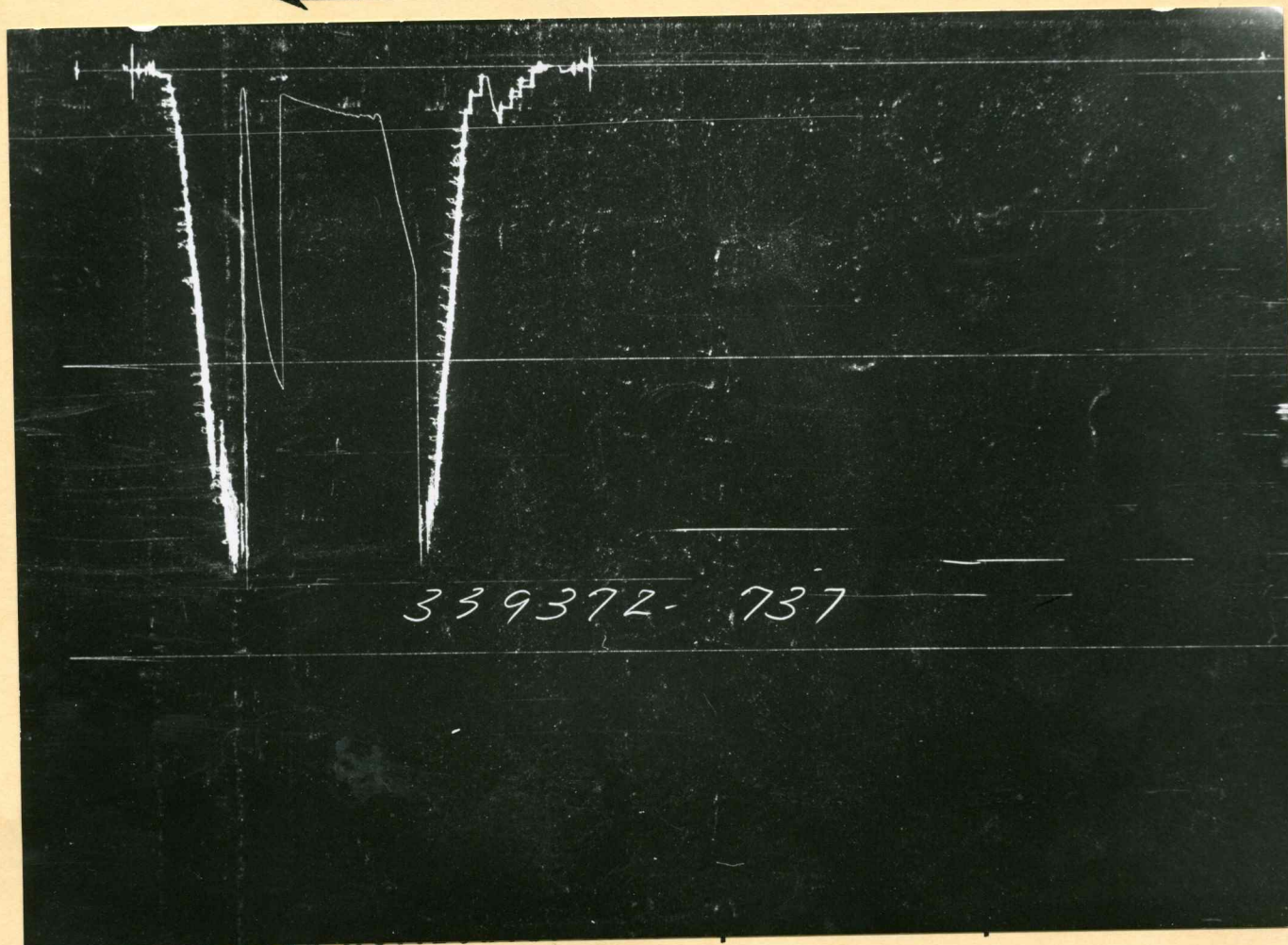
REMARKS:

↑
PRESSURE
↓



339372.397

← TIME →



339372.737

Flow Time	1st Min.	2nd Min.	25	Date	8-19-62	Ticket Number	339443
Closed In Press. Time	1st Min.	2nd Min.	20	Kind of Job	Open Hole	Halliburton District	Great Bend
Pressure Readings	Field	Office Corrected		Tester	Larry Moore	Witness	Tom Allan
Depth Top Gauge	3324	Ft.	no Blanked Off	Drilling Contractor	Mull Drlg Co. Inc.		
BT. P.R.D. No.	232		12 Hour Clock	Elevation	1688' DF	Top Packer	-
Initial Hydro Mud Pressure			1815	Total Depth	3355'	Bottom Packer	3329'
Initial Closed in Pres.				Interval Tested	3329-3355'	Formation Tested	Simpson
Initial Flow Pres.	1		12	Casing or Hole Size	7 7/8"	Casing Perfs.	Top Bot.
Final Flow Pres.	1		12	Surface Choke	1"	Bottom Choke	5/8"
Final Closed in Pres.			59	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	I.D. - LENGTH 2 1/8" x 651.16
Final Hydro Mud Pressure			1792	Mud Weight	10.1	Mud Viscosity	44
Depth Cen. Gauge		Ft.	Blanked Off	Temperature	92 °F Est. °F Actual	Anchor Size & Length	ID 3 1/2" OD 4 1/2" X 26'
BT. P.R.D. No.			Hour Clock	Depths Mea. From	KB	Depth of Tester Valve	3314 Ft.
Initial Hydro Mud Pres.				TYPE	AMOUNT	Depth Back Pres. Valve	3319 Ft.
Initial Closed in Pres.				Cushion			
Initial Flow Pres.	1			Recovered		Feet of	
Final Flow Pres.	2			Recovered		Feet of	
Final 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	3355	Ft.	yes Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	1462		12 Hour Clock	Tool Opened	9:12 A.M. P.M.	Tool Closed	9:37 A.M. P.M.
Initial Hydro Mud Pres.			1852	Remarks	Open tool for flow with a very weak blow. Closed for 20 mins.		
Initial Closed in Pres.					Off bottom at 9:57		
Initial Flow Pres.	1		36				
Final Flow Pres.	1		36				
Final Closed in Pres.			84				
Final Hydro Mud Pres.			1816				

FORMATION TEST DATA

Legal Location
Sec. - Twp. - Rng. NE SE SW 5-21-9

Lease Name

Well No.

Test No.

Field Area

WILDCAT

County

RICE

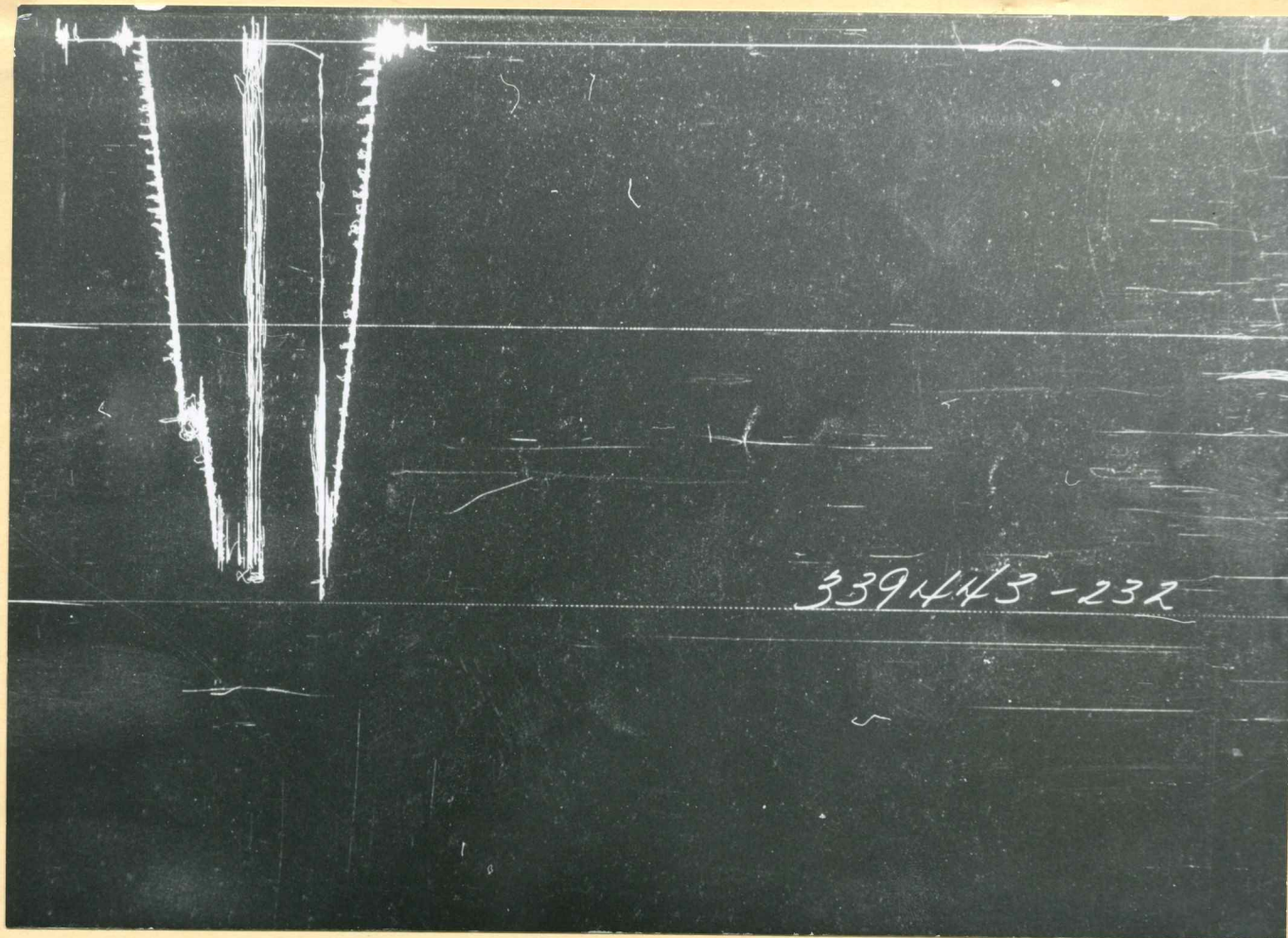
State

KANSAS

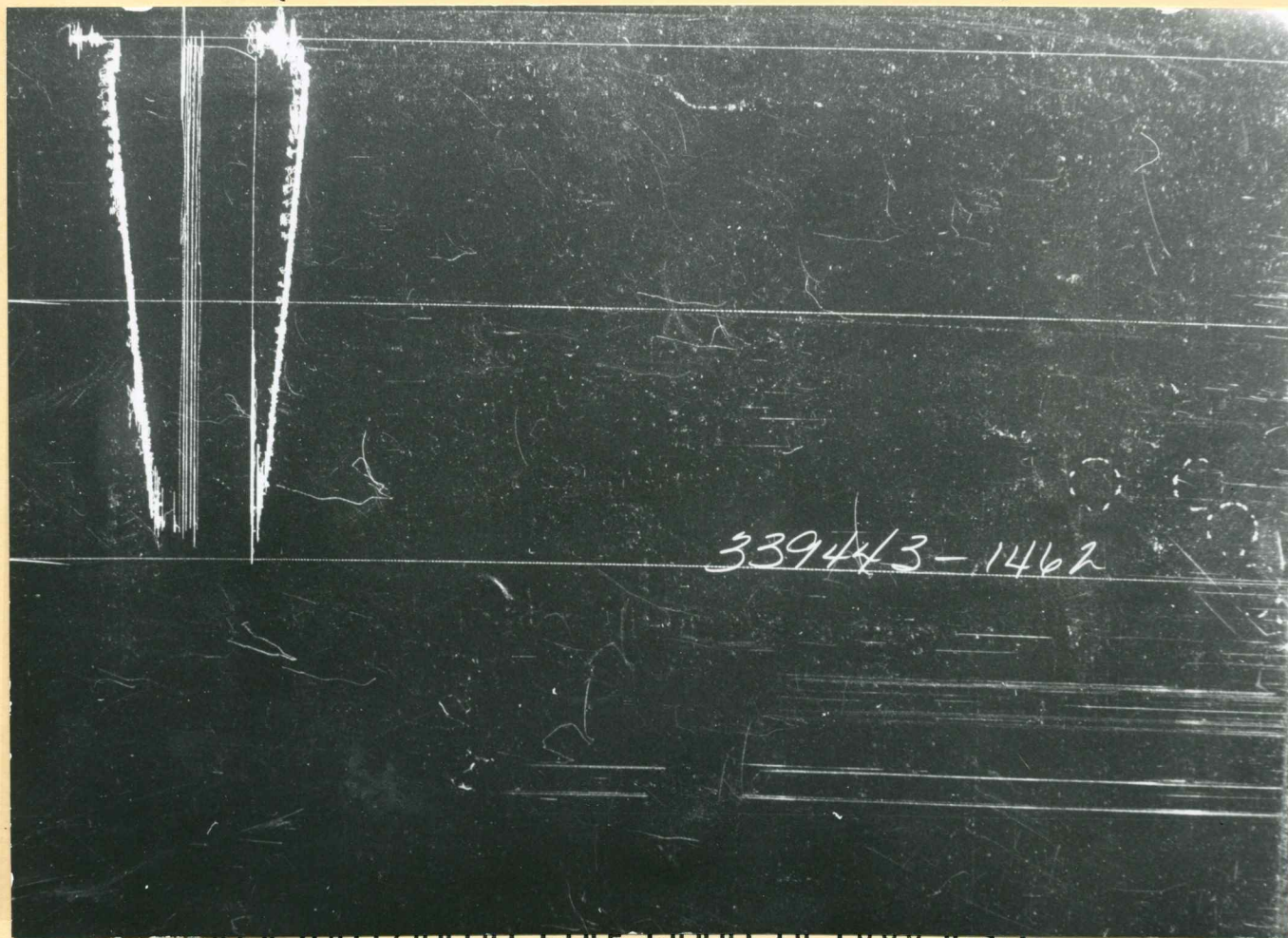
Lease Owner/Company Name

Owner's District

PRESSURE



TIME



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