

15-171-20019

27-19s-33w

Flow Time	1st Min. 30	2nd Min. 120	Date	4-26-69	Ticket Number	134076
Closed In Press. Time	1st Min. 60	2nd Min. 60	Kind of Job	Straddle Open hole	Halliburton District	Hays
Pressure Readings	Field	Office Corrected	Tester	E. H. Thomas	Witness	??
Depth Top Gauge	4670 Ft.	Blanked Off yes	Drilling Contractor	LEBEN DRILLING COMPANY	sm	S
BT. P.R.D. No.	690	12 Hour Clock	Elevation	2970'	Top Packer	4614'
Initial Hydro Mud Pressure	2400	2395	Total Depth	4751'	Bottom Packer	4678'
Initial Closed in Pres.	755	754	Interval Tested	4614-4678'	Formation Tested	Cherokee
Initial Flow Pres.	55	1	Casing or Hole Size	7 7/8"	Casing Perfs.	Top
	109	2				Bot.
Final Flow Pres.	118	1	Surface Choke	1/4"	Bottom Choke	5/8"
	182	2				181
Final Closed in Pres.	418	418	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	W.P. I.D. - LENGTH 2.5 x 1266'
Final Hydro Mud Pressure	2400	2277	Mud Weight	9.3	Mud Viscosity	51
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	Calc. 120	Anchor Size ID & Length	2 7/8" X
				*F Est.		
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly bushing	Depth of Tester Valve	4592 Ft.
Initial Hydro Mud Pres.			Cushion	TYPE AMOUNT none	Depth Back Pres. Valve	Ft.
Initial Closed in Pres.			Recovered	467 (2.8 bbls)	Feet of slightly oil and gas cut mud (last 60' oil cut-	Mtd. From Tester Valve
Initial Flow Pres.			Recovered	Feet of approx. 1 1/2 bbls. fluid-rest gas)	Feet of	
Final Flow Pres.			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	4747 Ft.	Blanked Off yes	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	228	12 Hour Clock	Tool Opened	7:38 PM	A.M. P.M. Tool Closed	12:08 AM P.M.
Initial Hydro Mud Pres.	--	2408	Remarks	Tool opened with a strong blow for a 30		
Initial Closed in Pres.	-	-	minute first flow. Closed for a 60 minute initial			
Initial Flow Pres.	Hydrostatic	Release	closed in pressure. Tool reopened with a weak			
Final Flow Pres.		2066	blow to dead in 105 minutes. Took a 60 minute final			
Final Closed in Pres.	-	-	closed in pressure. (38' perforations) CHART			
Final Hydro Mud Pres.	-	2357	INDICATES TEST INCONCLUSIVE DUE TO PLUGGING OF ANCHOR PERFORATIONS.			

Legal Location Sec. - Twp. - Rng. RC 1933 27-19-33W 150' N SE SE

Field Area HAZELTON NORTH

County SCOTT

State KANSAS

IRMA Lease Name

1 Well No.

1 Test No.

YUCCA PETROLEUM COMPANY Lease Owner/Company Name

Owner's District

FORMATION TEST DATA

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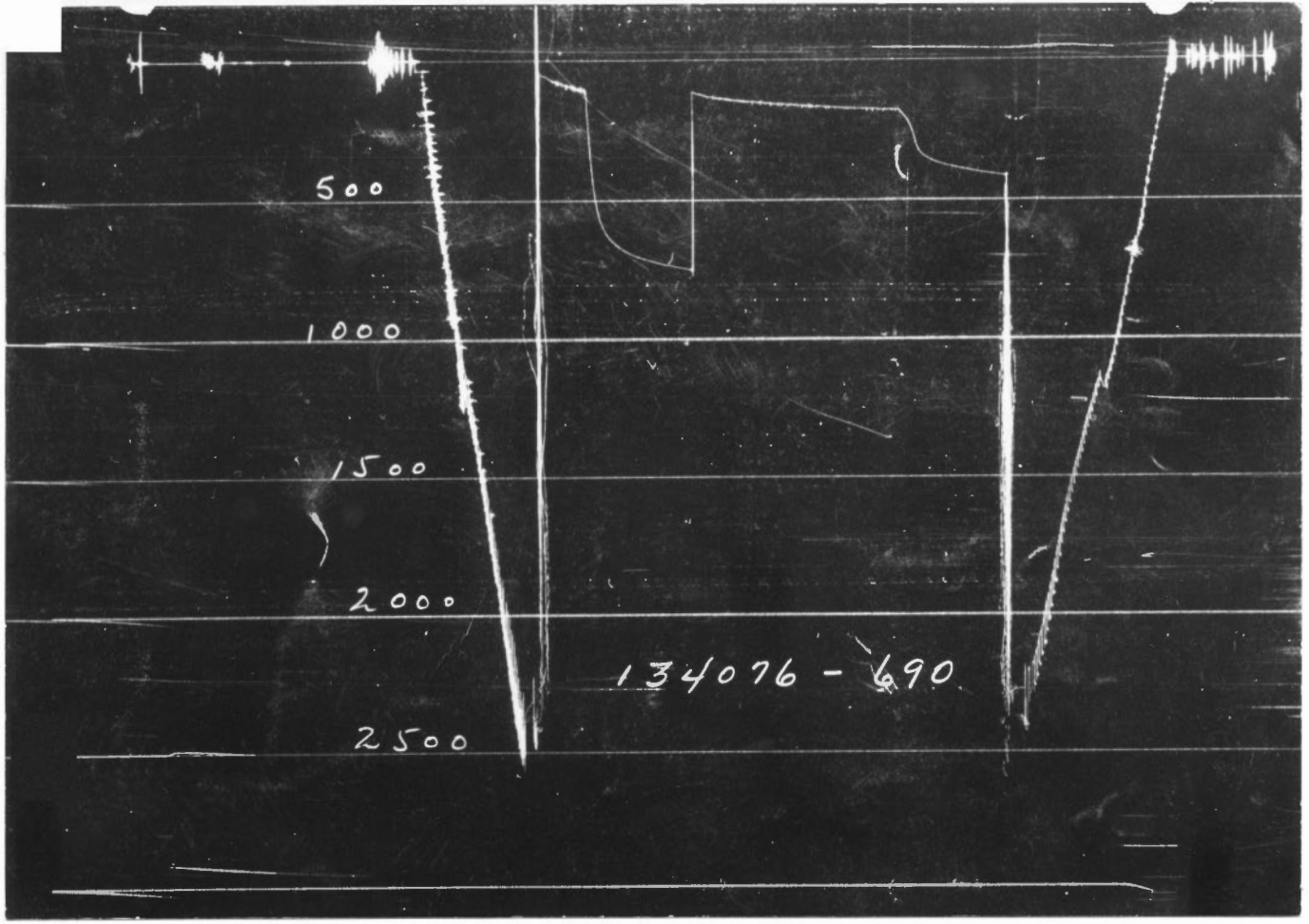
Gauge No. 690		Depth 4670'		Clock 12 hour		Ticket No. 134076				
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	
P ₀	.000	35	.000		107	.000	116	.000		181
P ₁	.0316	58	.0418		519	.134	140	.0415		235
P ₂	.0632	76	.0836		629	.268	151	.0830		335
P ₃	.0948	84	.1254		669	.402	162	.1245		362
P ₄	.1264	94	.1672		693	.536	171	.1660		376
P ₅	.1580	103	.2090		710	.670	176	.2075		385
P ₆	.1896	107	.2508		721	.804	181	.2490		395
P ₇			.2926		731			.2905		403
P ₈			.3344		740			.3320		409
P ₉			.3762		748			.3735		415
P ₁₀			.4180		754			.4150		418

Gauge No. 228		Depth 4747'		Clock 12 hour		
P ₀						
P ₁						
P ₂			HYDROSTATIC RELEASE.....	2066	
P ₃						
P ₄						
P ₅						
P ₆						
P ₇						
P ₈						
P ₉						
P ₁₀						
Reading Interval	5		6	20	6	Minutes

REMARKS:

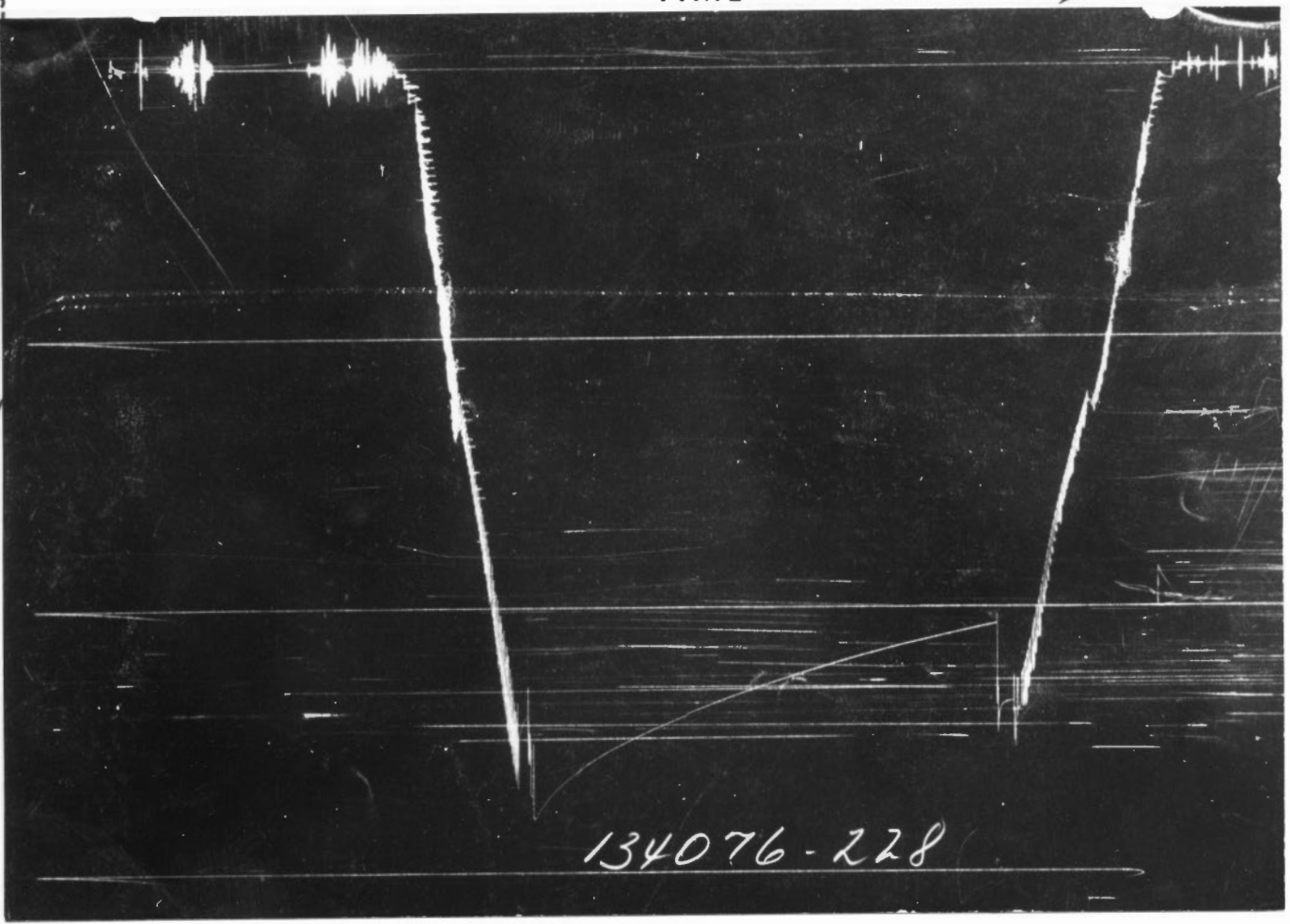
SPECIAL PRESSURE DATA

3



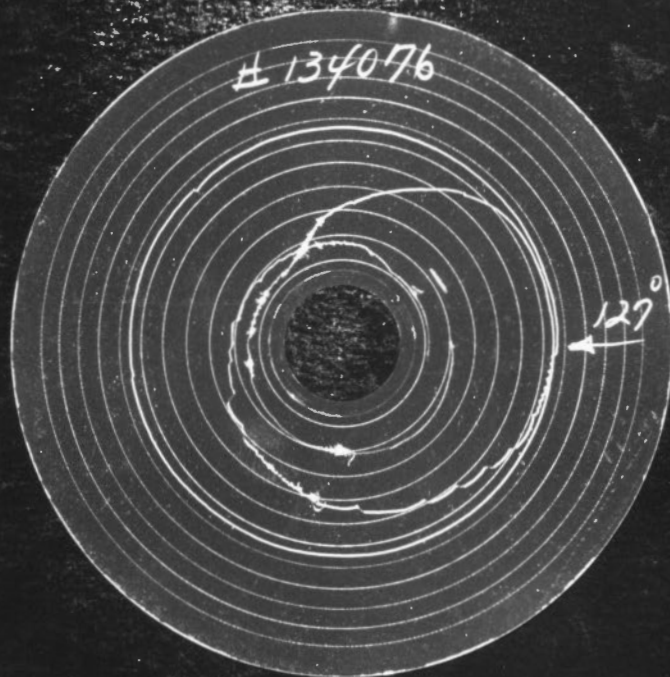
PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

TEMPERATURE
RECORDER
CHART



10° each circle

Flow Time	1st 30 Min.	2nd 120 Min.	Date	4-27-69	Ticket Number	052405
Closed In Press. Time	1st 60 Min.	2nd 120 Min.	Kind of Job	STRADDLE TEST OPEN HOLE	Halliburton District	LIBERAL
Pressure Readings	Field	Office Corrected	Tester	WHITE	Witness	ARMSTRONG
Depth Top Gauge	4598' Ft.	NO Blanked Off	Drilling Contractor	LEBAN DRILLING COMPANY	NM	S
BT. P.R.D. No.	1606	12 Hour Clock	Elevation	2970'	Top Packer	4613'
Initial Hydro Mud Pressure		2385	Total Depth	4751'	Bottom Packer	4678'
Initial Closed in Pres.		452	Interval Tested	(NET PAY 6') 4613' - 4678'	Formation Tested	CHEROKEE
Initial Flow Pres.	1 26	2 89	Casing or Hole Size	7 7/8"	Casing Perfs. } Top -	Bot. -
Final Flow Pres.	1 78	2 137	Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.		318	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	I.D. - LENGTH 2 1/2" x ?
Final Hydro Mud Pressure		2311	Mud Weight	9.3	Mud Viscosity	51
Depth Cen. Gauge	4670' Ft.	YES Blanked Off	Temperature	118	Anchor Size & Length	ID 2.37" X 35" OD 5"
BT. P.R.D. No.	1605	12 Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	4593' Ft.
Initial Hydro Mud Pres.	2339	2421	Cushion	NONE	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.	495	492	Recovered	300'	Feet of oil & gas cut drilling mud	
Initial Flow Pres.	49 1 79	99 2 137	Recovered		Feet of	
Final Flow Pres.	132 1 129	481 2 173	Recovered		Feet of	
Final Closed in Pres.	363	353	Recovered		Feet of	
Final Hydro Mud Pres.	2372	2377	Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	4747' Ft.	YES Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	538	12 Hour Clock	Tool Opened	8:00 AM	A.M. Tool Closed	1:30 PM P.M.
Initial Hydro Mud Pres.		2567	Remarks	Tool opened @ 8:00 AM for a 30 minute' first		
Initial Closed in Pres.		-	flow with a fair blow, which continued throughout the			
Initial Flow Pres.	1 -		period. Tool closed @ 8:30 AM for a 60 minute initial			
Final Flow Pres.	1 -		closed in pressure. Tool reopened @ 9:30 AM with a			
Final Closed in Pres.	HYDROSTATIC	RELEASE: 2236	very weak blow starting after being open for 25 minutes - dead after 50 minutes. Tool closed @ 11:30 AM			
Final Hydro Mud Pres.		2470	for a 120 minute final closed in pressure. Off bottom @ 1:30 PM. NO CALCULATIONS ATTEMPTED SINCE DEPLETION IS			

FORMATION TEST DATA

EVIDENT WHEN TESTS #1 AND #2 ARE COMPARED.

IRMA
 Lease Name
 27 - 19 - 33
 Wall No. 1
 Test No. 2
 Field Area
 N. HUGOTON
 County
 SCOTT
 State
 KANSAS
 YUCCA PETROLEUM COMPANY
 Lease Owner/Company Name
 AMARILLO, TEXAS
 Owner's District

Gauge No. 1606 Depth 4598' Clock 12 hour Ticket No. 052405

	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	26	.000		78	.000	89	.000		137
P ₁	.0333	38	.424		452	.1332	109	.0809		167
P ₂	.0666	48				.2664	116	.1618		195
P ₃	.0999	63				.3996	122	.2427		221
P ₄	.1332	69				.5328	127	.3236		246
P ₅	.1665	74				.6660	130	.4045		267
P ₆	.200	78				.799	137	.4854		282
P ₇								.5663		294
P ₈								.6472		304
P ₉								.7281		312
P ₁₀								.809		318

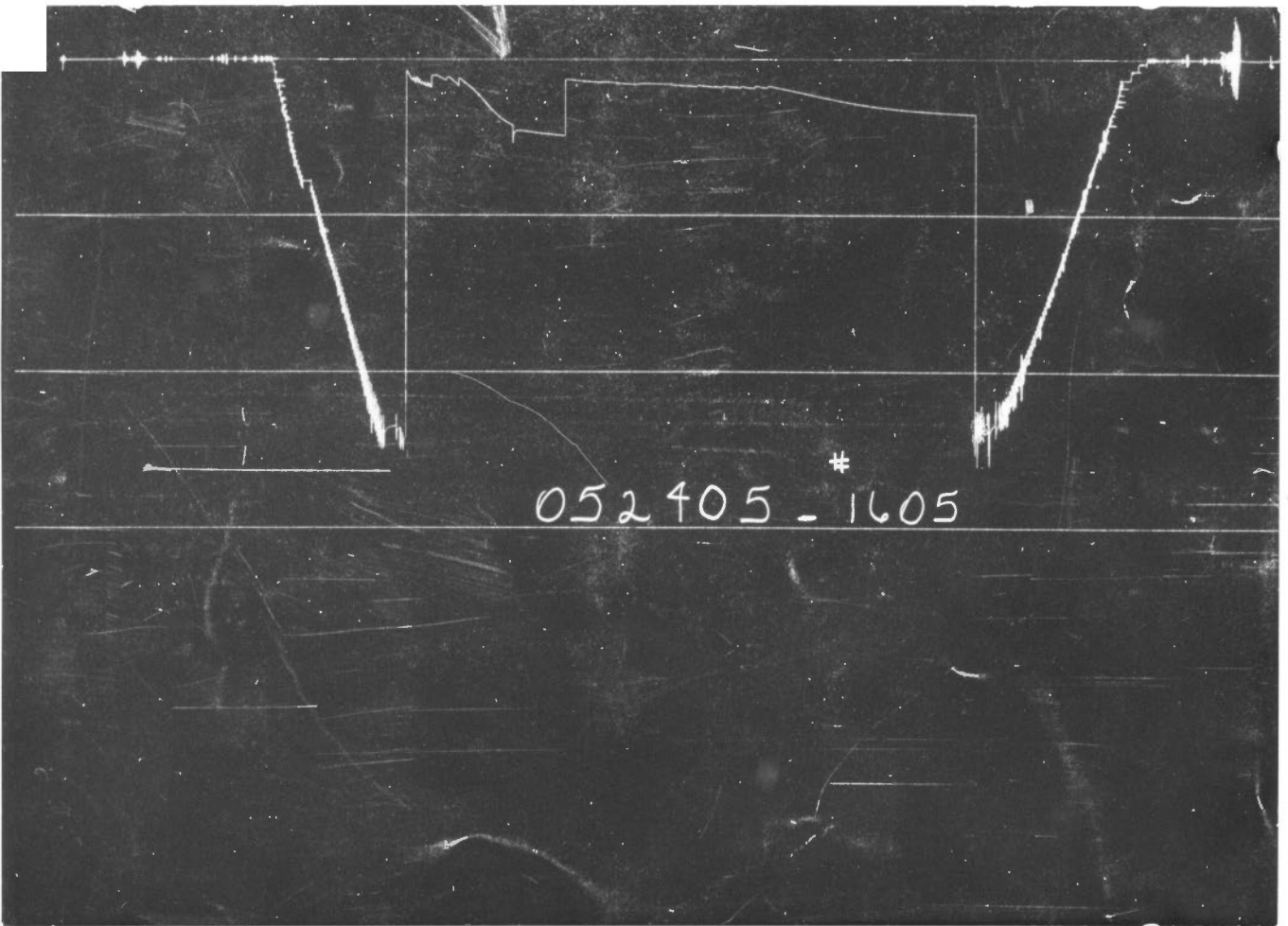
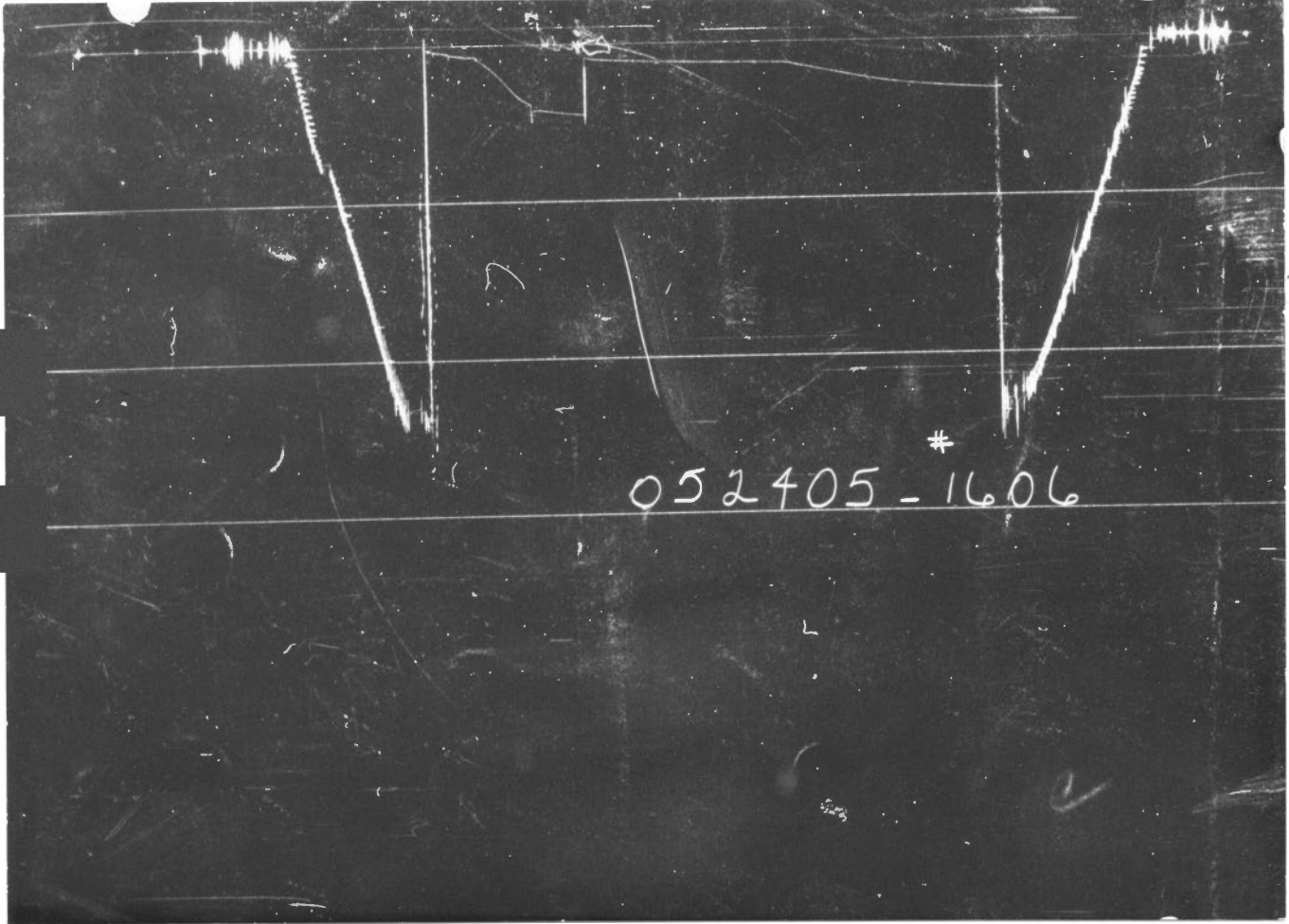
Gauge No. 1605 Depth 4670' Clock 12 hour

P ₀	.000	79	.000		129	.000	137	.000		173
P ₁	.207	129	.417		492	.1337	147	.0802		201
P ₂						.2674	160	.1604		229
P ₃						.4011	158	.2406		257
P ₄						.5348	170	.3208		284
P ₅						.6685	178	.4010		304
P ₆						.802	173	.4812		318
P ₇								.5614		330
P ₈								.6416		340
P ₉								.7218		348
P ₁₀								.802		353

Reading Interval 5 20 12 Minutes

REMARKS:

SPECIAL PRESSURE DATA



Each Horizontal Line Equal to 1000 p.s.i.

