

Flow Time	1st Min.	2nd Min.	Date	Ticket Number	Legal Location
10		90	3-23-62	323174	S
Closed In Press. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District	Lease Name
30		30	OPEN HOLE	LIBERAL	23 33 3W
Pressure Readings	Field	Office Corrected	Tester	Witness	Well No.
			JACK PITZER	JACH WHARTON	5
Depth Top Gauge		Blanked Off	Drilling Contractor		Field Area
5786 Ft.		No	MC CLELLAN DRILLING CO.		S. KISMET
BT. P.R.D. No.		Hour Clock	Elevation	Top Packer	County
699		12	2751' DF	5798'	SEWARD
Initial Hydro Mud Pressure			Total Depth	Bottom Packer	State
3180		3185	5890'	5802'	KANSAS
Initial Closed in Pres.			Interval Tested	Formation Tested	Owner's District
1115		1052	5802-5890'	St. Louis	LIBERAL
Initial Flow Pres.			Casing or Hole Size	Casing Perfs.	
30	1	61	7 7/8"	Top	
30	2	62		Bot.	
Final Flow Pres.			Surface Choke	Bottom Choke	
60	1	46	1/4" & 1"	1/2"	
105	2	101			
Final Closed in Pres.			Size & Kind Drill Pipe	Drill Collars Above Tester	
1115		1054	4 1/2" FH	2 1/4" X 90'	
Final Hydro Mud Pressure			Mud Weight	Mud Viscosity	
3165		3100	9.9	45	
Depth Cen. Gauge		Blanked Off	Temperature	Anchor Size & Length	
5886 Ft.		yes	128	3 3/4" X 24	
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Depth of Tester Valve	
196		12	2751' DF	5778'	
Initial Hydro Mud Pres.			Cushion	Depth Back Pres. Valve	
		3247			
Initial Closed in Pres.			Recovered	Feet of oil & gas cut mud	
	1	143	45		
Initial Flow Pres.			Recovered	Feet of heavy oil & gas cut mud	
	2	128	180		
Final Flow Pres.			Recovered	Feet of	
	1	109			
	2	172			
Final Closed in Pres.			Recovered	Feet of	
		1102			
Final Hydro Mud Pres.			Oil A.P.I. Gravity	Water Spec. Gravity	
		3152			
Depth Bot. Gauge		Blanked Off	Gas Gravity	Surface Pressure	
				psi	
BT. P.R.D. No.		Hour Clock	Tool Opened	Tool Closed	
			11:54	1:04 PM	
Initial Hydro Mud Pres.			Remarks		
			Tool opened with good blow, surfaced closed		
Initial Closed in Pres.					
			tool at 12:04 for a 30 min. initial closed in press		
Initial Flow Pres.					
	1		ure. Reopened tool at 12:34 for a 90 min. gas to		
	2		surface in 48 mins. Took a 30 min final closed in		
Final Flow Pres.					
	1				
	2				
Final Closed in Pres.					
			pressure.		
Final Hydro Mud Pres.					

FORMATION TEST DATA

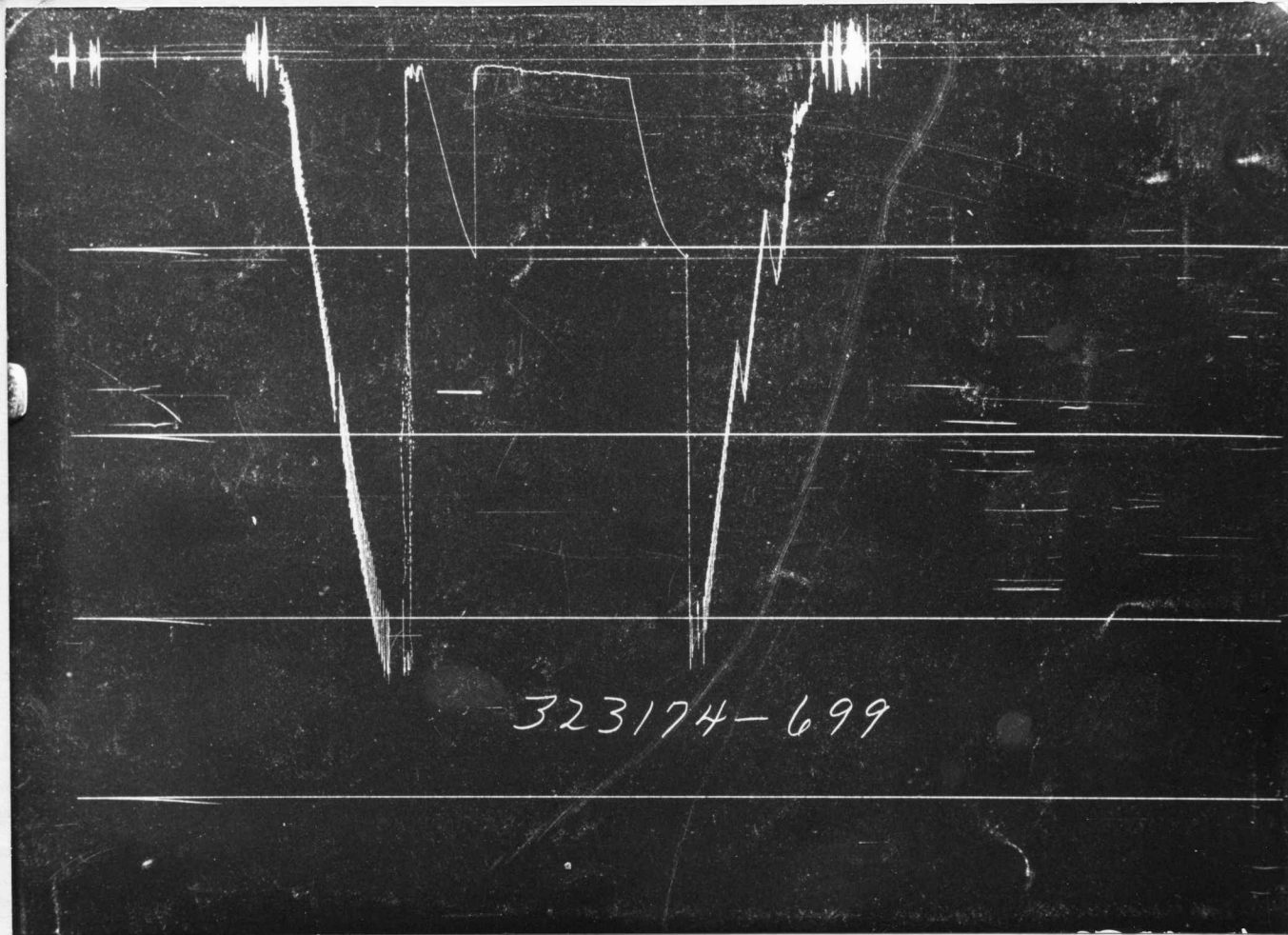
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Gauge No.		699		Depth		5786'		Clock		12 hour		Ticket No.		323174	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.					
P ₀	.000	61	.000		46	.000	62	.000		101					
P ₁	.065	46	.0212		168	.617	101	.0225		271					
P ₂			.0424		279			.0450		427					
P ₃			.0636		394			.0675		574					
P ₄			.0848		509			.0900		702					
P ₅			.1060		619			.1125		812					
P ₆			.1272		723			.1350		894					
P ₇			.1484		824			.1575		947					
P ₈			.1696		914			.1800		988					
P ₉			.1908		985			.2025		1025					
P ₁₀			.2120		1052			.2250		1054					

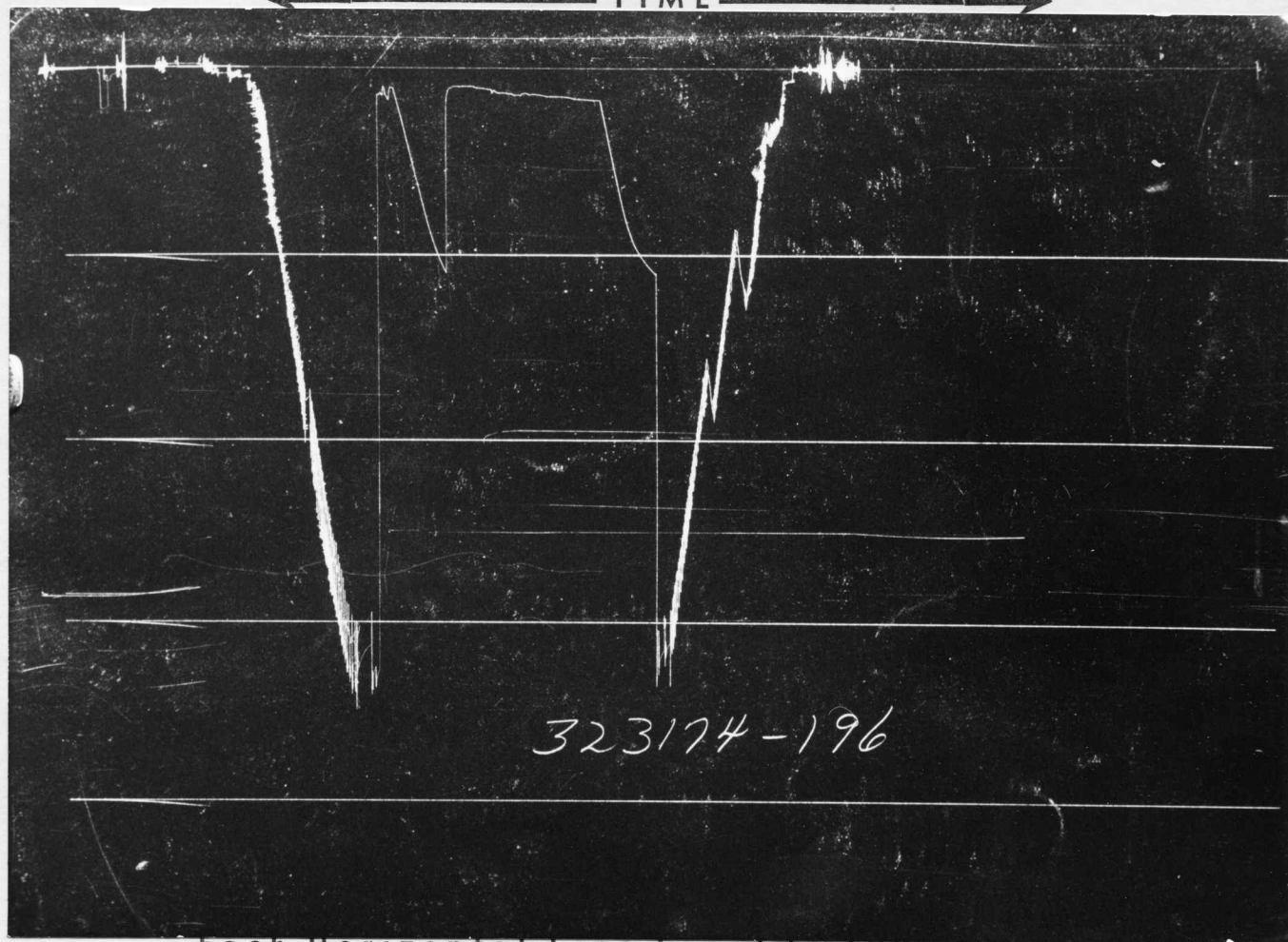
Gauge No. 196			Depth 5886'			Clock 12		hour		
P ₀	.000	143	.000		109	.000	128	.000		172
P ₁	.063	109	.0216		215	.1025	99	.0223		184
P ₂			.0432		323	.2050	132	.0446		472
P ₃			.0648		437	.3075	135	.0669		611
P ₄			.0864		556	.4100	152	.0892		743
P ₅			.1080		659	.5125	163	.1115		849
P ₆			.1296		772	.6150	172	.1338		933
P ₇			.1512		875			.1561		992
P ₈			.1728		960			.1784		1035
P ₉			.1944		1035			.2007		1070
P ₁₀			.2160		1094			.2230		1102
Reading Interval			3			15		3 Minutes		
REMARKS: Both charts indicate plugging										

SPECIAL PRESSURE DATA

↑
PRESSURE
↓



← TIME →



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