

15-047-10091

7-265-17w

Flow Time	1st 10	Min.	2nd 60	Min.	Date	9-9-63	Ticket Number	404834 S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	Pratt
Pressure Readings	Field		Office Corrected		Tester	Mr. Cline	Witness	Mr. DeLong
Depth Top Gauge	3191	Ft.	NO	Blanked Off	Drilling Contractor	Strata Drilling Company		
BT. P.R.D. No.	585		12	Hour Clock	Elevation	-	Top Packer	3183'
Initial Hydro Mud Pressure	1676		1654		Total Depth	3 250'	Bottom Packer	3189"
Initial Closed in Pres.	1063		1063		Interval Tested	3189'-3250'	Formation Tested	Langdon Sand
Initial Flow Pres.	-	1	40		Casing or Hole Size	7 7/8"	Casing { Top	
	101	2	121				Perfs. { Bot.	
Final Flow Pres.	-	1	112		Surface Choke	1"	Bottom Choke	5/8"
Final Closed in Pres.	999		1012		Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	I.D. - LENGTH 2 1/2" x 224'
Final Hydro Mud Pressure	1667		1640		Mud Weight	9.8	Mud Viscosity	50
Depth Cen. Gauge	3246	Ft.	YES	Blanked Off	Temperature	102	Anchor Size ID & Length	2.37" X 61'
BT. P.R.D. No.	297		12	Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	3168' Ft.
Initial Hydro Mud Pres.	1688		1688		Cushion	-	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.	1076		1098		Recovered	480	Feet of	Slightly muddy saltwater
Initial Flow Pres.	-	1	74		Recovered		Feet of	
Final Flow Pres.	-	1	147		Recovered		Feet of	
Final Closed in Pres.	1031		1048		Recovered		Feet of	
Final Hydro Mud Pres.	1662		1671		Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Depth Bot. Gauge		Ft.		Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.				Hour Clock	Tool Opened	1:53	A.M. Tool Closed	2:03
Initial Hydro Mud Pres.					Tool Opened	2:33	P.M. Tool Closed	3:33
Initial Closed in Pres.					Remarks Opened tool at 1:53 for 10 minute 1st flow			
Initial Flow Pres.		1			with weak blow. Closed tool for 30 minute initial			
Final Flow Pres.		2			closed in pressure at 2:03. Reopened tool at 2:33			
Final Closed in Pres.		1			for 60 minute 2nd flow with weak blow throughout			
Final Hydro Mud Pres.		2			test. Closed tool for 30 minute final closed in			
					pressure at 3:33.			

Legal Location Sec. - Twp. - Rng. SEC. 7 E. 26 - 28 26-17

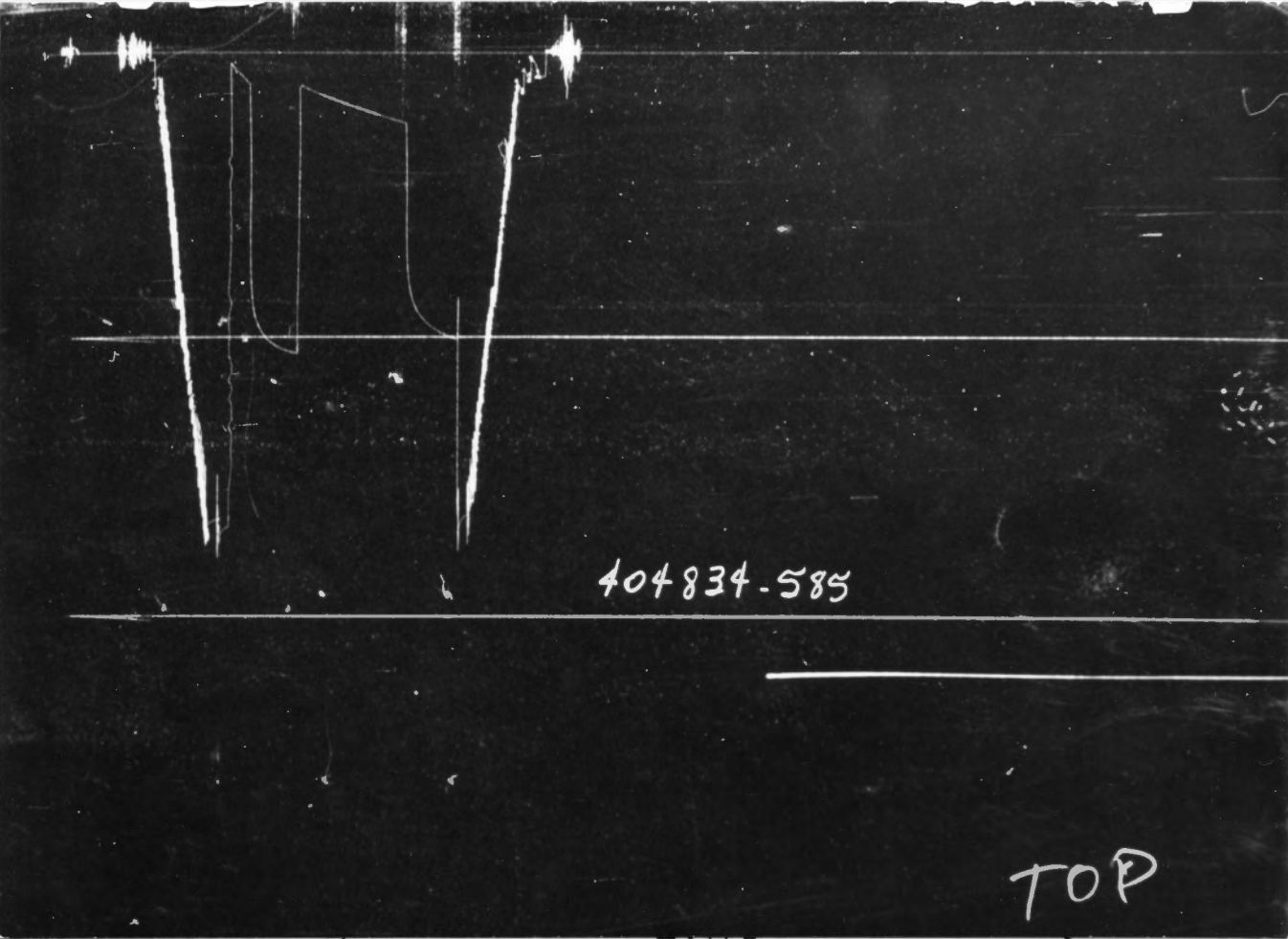
NEWSOM  
Lease Name  
1  
Well No.  
1  
Test No.  
PHILLIPS PETROLEUM COMPANY  
Lease Owner/Company Name  
EDWARDS  
County  
KANSAS  
State  
KANSAS  
Owner's District

FORMATION TEST DATA

5

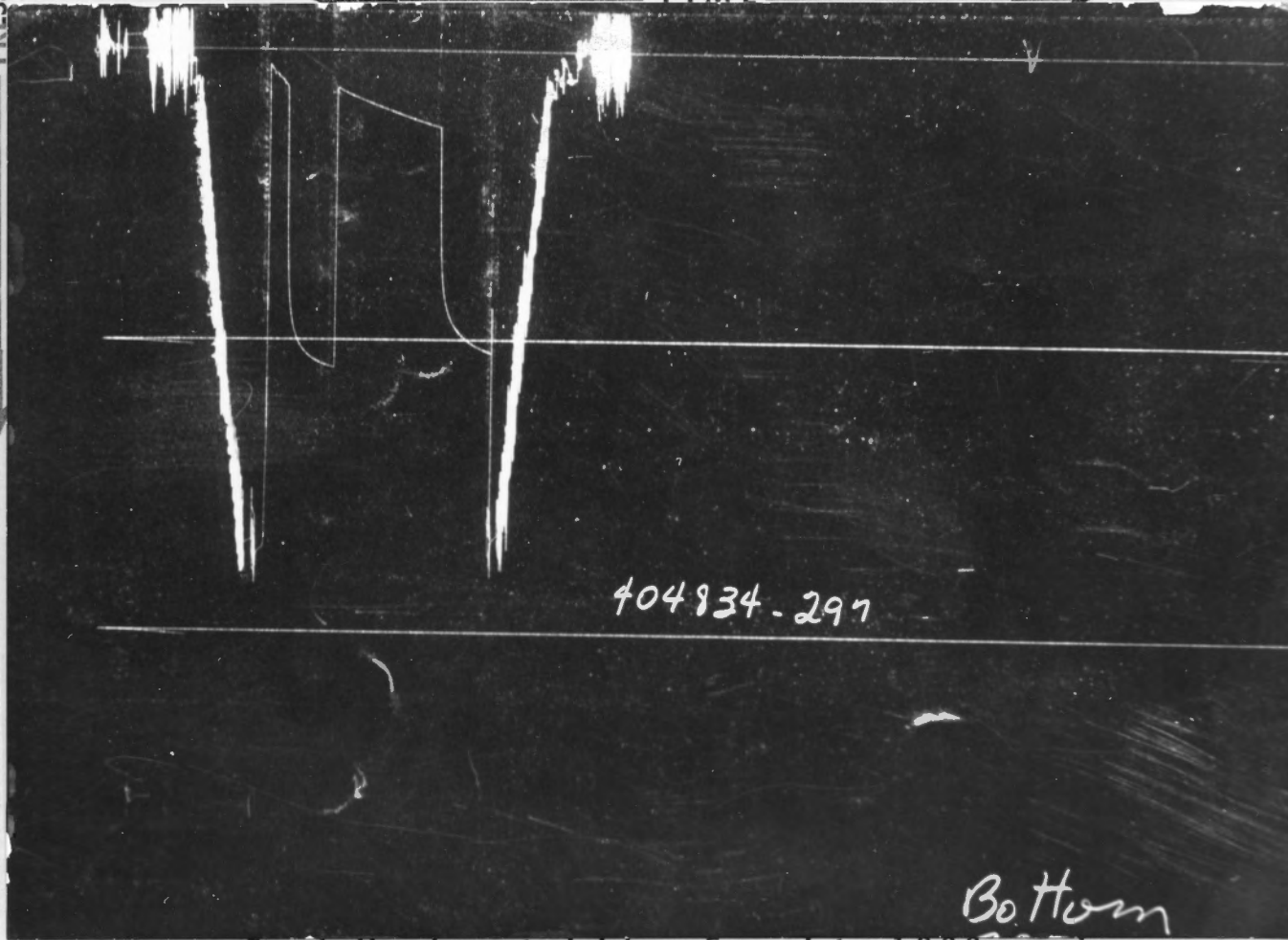
Gauge No. 585		Depth 3191'			Clock 12		hour		Ticket No. 404834	
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.
P <sub>0</sub>	.000	40	.000		112	.000	121	.000		250
P <sub>1</sub>	.0148	53	.0189		914	.1035	156	.0204		850
P <sub>2</sub>	.0296	68	.0378		967	.2070	190	.0408		906
P <sub>3</sub>	.0444	81	.0567		995	.3105	221	.0612		932
P <sub>4</sub>	.0592	98	.0756		1016	.4140	250	.0816		953
P <sub>5</sub>	.0740	112	.0945		1029			.1020		968
P <sub>6</sub>			.1134		1040			.1224		981
P <sub>7</sub>			.1323		1048			.1428		991
P <sub>8</sub>			.1512		1055			.1632		999
P <sub>9</sub>			.1701		1059			.1836		1007
P <sub>10</sub>			.1890		1063			.2040		1012
Gauge No. 297		Depth 3246'			Clock 12		hour			
P <sub>0</sub>	.000	74	.000		147	.000	154	.000		284
P <sub>1</sub>	.0142	89	.0194		899	.1013	191	.0211		852
P <sub>2</sub>	.0284	103	.0388		982	.2026	225	.0422		923
P <sub>3</sub>	.0426	117	.0582		1023	.3039	256	.0633		959
P <sub>4</sub>	.0568	133	.0776		1045	.4050	284	.0844		982
P <sub>5</sub>	.0710	147	.0970		1061			.1055		1000
P <sub>6</sub>			.1164		1073			.1266		1013
P <sub>7</sub>			.1358		1082			.1477		1025
P <sub>8</sub>			.1552		1089			.1688		1034
P <sub>9</sub>			.1746		1093			.1899		1042
P <sub>10</sub>			.1940		1098			.2110		1048
Reading Interval 2		3			15		3		Minutes	
REMARKS:										

**SPECIAL PRESSURE DATA**



404834-585

TOP



404834-297

Bottom

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





### Pressure Breakdown Data

Date 9-16-63 Field Report No. 09756 A  
 Recorder No. T-32 Capacity 3,000# Recorder Depth 4,578'  
 Recorder Run INSIDE Clock Travel 0.01961 inches per min. Well Temperature 130 °

Point	Pressure	Time Given	Time Compute
A Initial Hydrostatic Mud	2409		
B Initial Shut-in	1385		
C Initial Flow	1254		
D Final Flow	1248		
E Final Shut-in	1360		
F Final Hydrostatic Mud	2408		
		Opened Tool	1720
		Initial Flow	4 Mins.
		Initial Shut-in	30 Mins.
		Final Flow	60 Mins.
		Final Shut-in	30 Mins.
			4 Mins.
			27 Mins.
			61 Mins.
			32 Mins.
	c-1	1252	
	c-2	1206	
	c-3	1226	

Remarks: \_\_\_\_\_

PRESSURE INCREMENTS								
INITIAL SHUT-IN			FLOW PERIOD			FINAL SHUT-IN		
Breakdown: <u>9</u> increments of <u>3</u> mins. and a final increment of <u>-</u> mins.			Breakdown: <u>12</u> increments of <u>5</u> mins. and a final increment of <u>1</u> mins.			Breakdown: <u>10</u> increments of <u>3</u> mins. and a final increment of <u>2</u> mins.		
Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$	Point Minutes	Pressure	$\frac{T + \Delta t}{\Delta t}$
c-1 0	1252		INITIAL FLOW			D 0	1248	
3	1384		C 0	1254		3	1353	
6	1385		c-1 4	1252		6	1357	
9	1385		FINAL FLOW			9	1358	
12	1385		c-2 0	1206		12	1359	
15	1385		5	1226		15	1360	
18	1385		10	1245		18	1360	
21	1385		15	1248		21	1360	
24	1385		20	1248		24	1360	
B 27	1385		25	1248		27	1360	
			30	1248		30	1360	
			35	1248		E 32	1360	
			40	1248				
			45	1248				
			50	1248				
			55	1248				
			60	1248				
			D 61	1248				



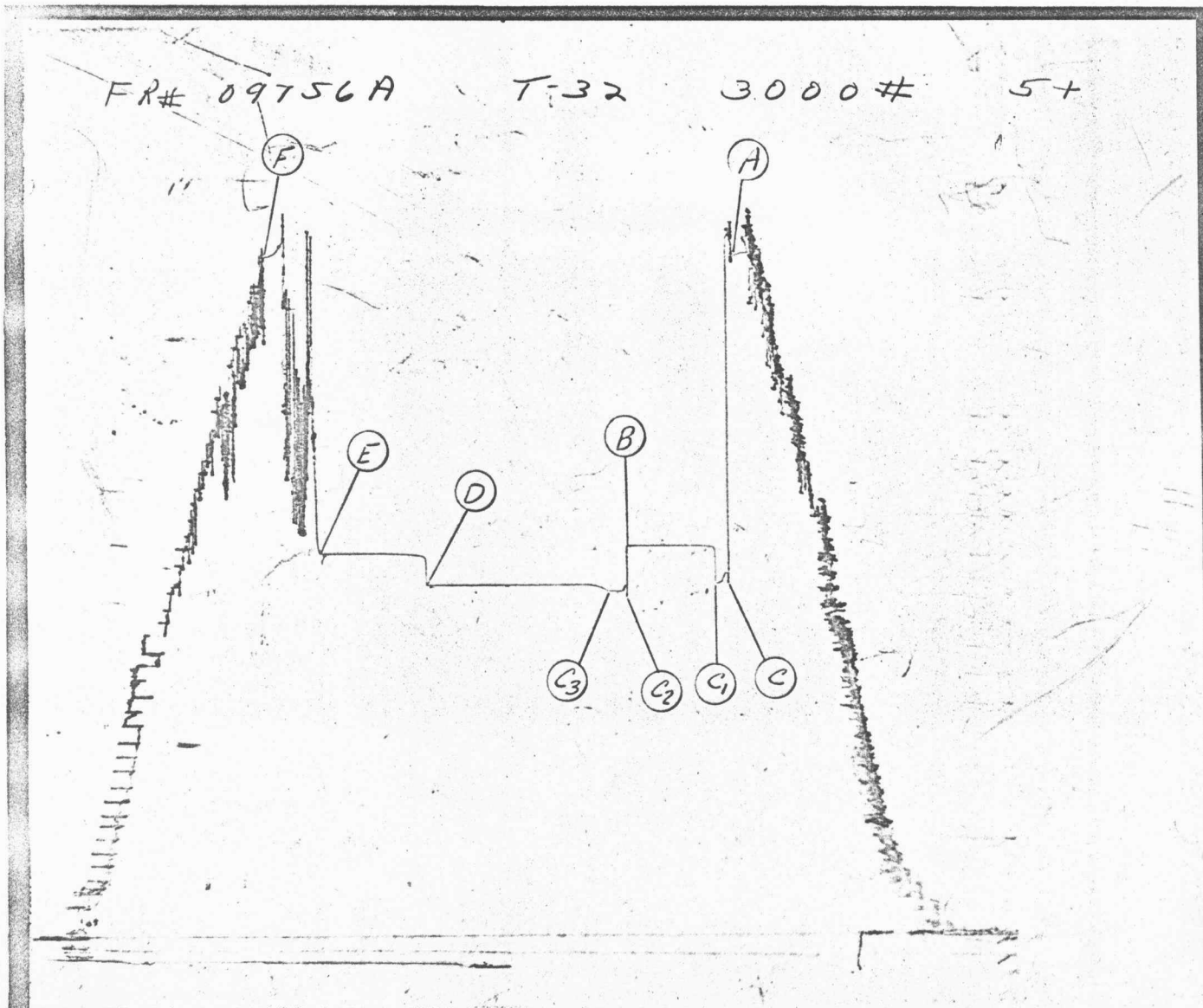
# JOHNSTON TESTERS

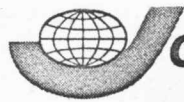
Pressure Data

Field Report No. 09756 A

Recorder No.	T-32	INSIDE		
Capacity (P.S.I.G.)	3,000			
Recorder Depth	4,578'			
Pressure Gradient P.S.I./Ft.				
Well Temperature °F.	130			
A Initial Hydrostatic Mud	2409			
B Initial Shut-in	1385			
C Initial Flow	1254			
D Final Flow	1248			
E Final Shut-in	1360			
F Final Hydrostatic Mud	2408			
Remarks:	c-1	1252		
	c-2	1206		
	c-3	1226		

\*Shut in pressure did not reach static reservoir pressure.





# JOHNSTON TESTERS

## Pressure Data

Field Report No. 09756 A

Recorder No.	L-444	OUTSIDE		
Capacity (P.S.I.G.)	4,500			
Recorder Depth	4,623'			
Pressure Gradient P.S.I./Ft.				
Well Temperature °F.	130			
A Initial Hydrostatic Mud	2513			
B Initial Shut-in	-			
C Initial Flow	-			
D Final Flow	-			
E Final Shut-in	-			
F Final Hydrostatic Mud	2518			
Remarks:	A-1 2098	BELOW STRADDLE.		

\*Shut in pressure did not reach static reservoir pressure.

