

FIELD

Lease Name

Well No.

Test No.

V. E. WIGGINS OIL ACCOUNT

Lease Owner/Company Name

KANSAS

Owner's District

Legal Location
Sec. - Twp. - Rng.

SEC. 3 - 18 - 13W

Field Area

HOTSINGTON

County

BARTON

State

KANSAS

Flow Time	1st 5	Min.	2nd 45	Min.	Date	4-27-65	Ticket Number	459259 - S
Closed In Press. Time	1st 30	Min.	2nd 45	Min.	Kind of Job	OPEN HOLE	Halliburton District	PRATT
Pressure Readings	Field			Office Corrected			Tester	MR. SHAUERS
Depth Top Gauge	3254	Ft.	NO	Blanked Off	Drilling Contractor	JA LE CONSTRUCTION INCORPORATED IC		
BT. P.R.D. No.	1715		12	Hour Clock	Elevation	1815' K.B.	Top Packer	3267'
Initial Hydro Mud Pressure	1827		1825		Total Depth	3308'	Bottom Packer	3272'
Initial Closed in Pres.	554		563		Interval Tested	3272'-3308'	Formation Tested	ARBUCKLE
Initial Flow Pres.	5	1	8		Casing or Hole Size	7 7/8"	Casing Perfs. } Top	
Final Flow Pres.	5	1	8		Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	562		564		Size & Kind Drill Pipe	3 1/2" I.F.	Drill Collars Above Tester	I.D. - LENGTH 600' FLEX WT.
Final Hydro Mud Pressure	1810		1816		Mud Weight	10.3	Mud Viscosity	41
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	3303' @ 104	Anchor Size & Length	ID 3.84" OD 5.00" X 36'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	3253' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.		1			Recovered	10	Feet of	Lightly oil cut mud
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	3304	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	1717		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pressure	1865		1860		Tool Opened	8:07 PM	Tool Closed	10:12 PM
Initial Closed in Pres.	579		593		Remarks Opened tool for 5 minute 1st flow with a			
Initial Flow Pres.	34	1	42		weak blow. Closed tool for 30 minute initial			
Final Flow Pres.	34	2	47		closed in pressure. Reopened tool for 45 minute			
Final Closed in Pres.	587	1	42		2nd flow with no blow; flushed tool and reopened.			
Final Hydro Mud Pressure	1850	2	45		Closed tool for 45 minute final closed in pressure.			

FORMATION TEST DATA

5

Gauge No. 1715		Depth 3254'			Clock 12 hour		Ticket No. 459259			
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	8	.000		8	.000	9	.000		10
P ₁	.042	8	.0194		27	.311	10	.0333		21
P ₂			.0388		70			.0666		44
P ₃			.0582		144			.0999		95
P ₄			.0776		223			.1332		185
P ₅			.0970		302			.1665		283
P ₆			.1164		374			.1998		370
P ₇			.1358		433			.2331		445
P ₈			.1552		486			.2664		509
P ₉			.1746		523			.3000		564
P ₁₀			.1940		563					

Gauge No. 1717		Depth 3304'			Clock 12 hour					
P ₀	.000	42	.000		42	.000	47	.000		45
P ₁	.045	42	.0195		62	.322	45	.0338		57
P ₂			.0390		107			.0676		82
P ₃			.0585		177			.1014		133
P ₄			.0780		257			.1352		221
P ₅			.0975		335			.1690		317
P ₆			.1170		404			.2028		404
P ₇			.1365		468			.2366		478
P ₈			.1560		518			.2704		543
P ₉			.1755		556			.3040		596
P ₁₀			.1950		593					

Reading Interval

3

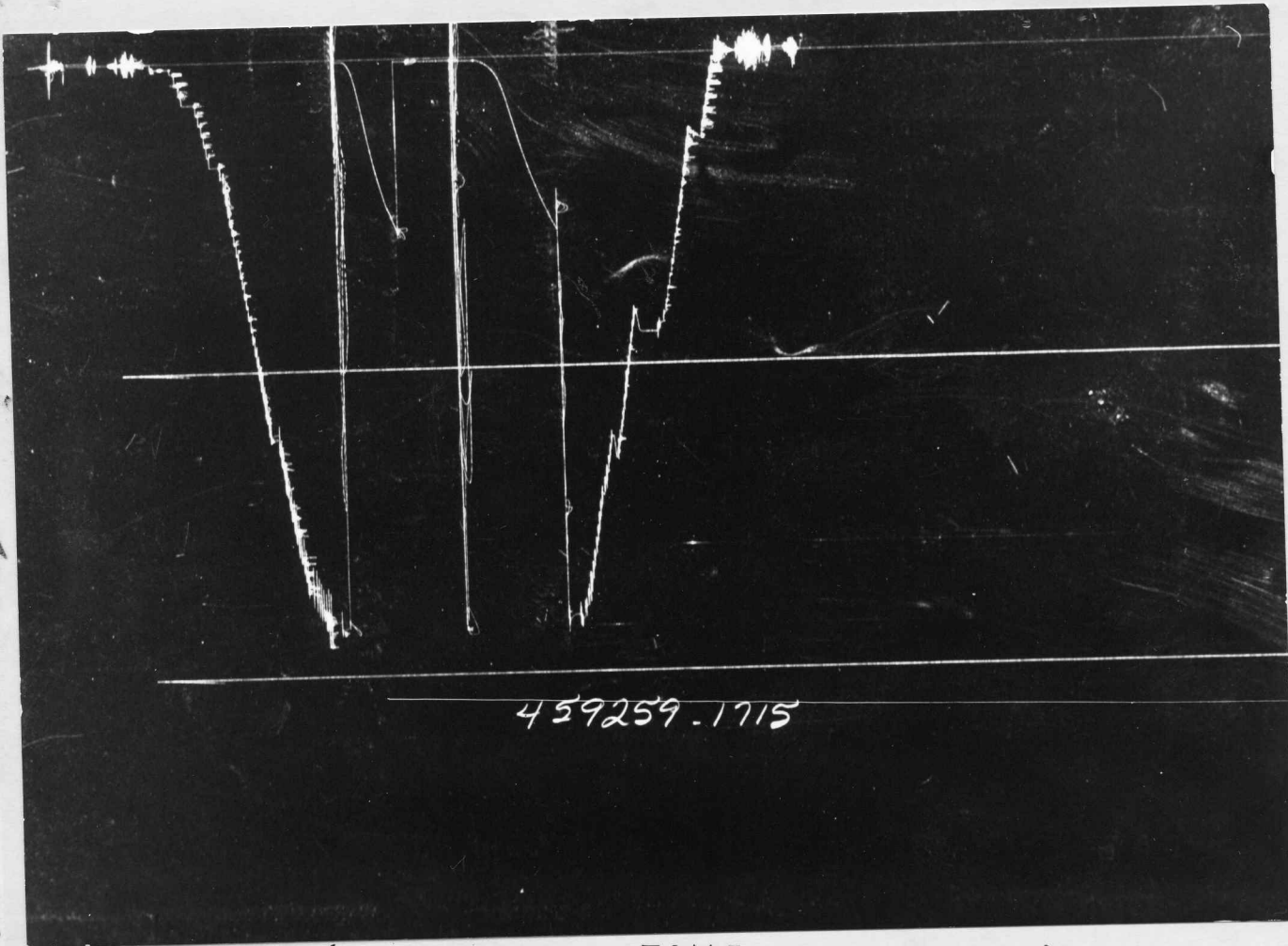
5

Minutes

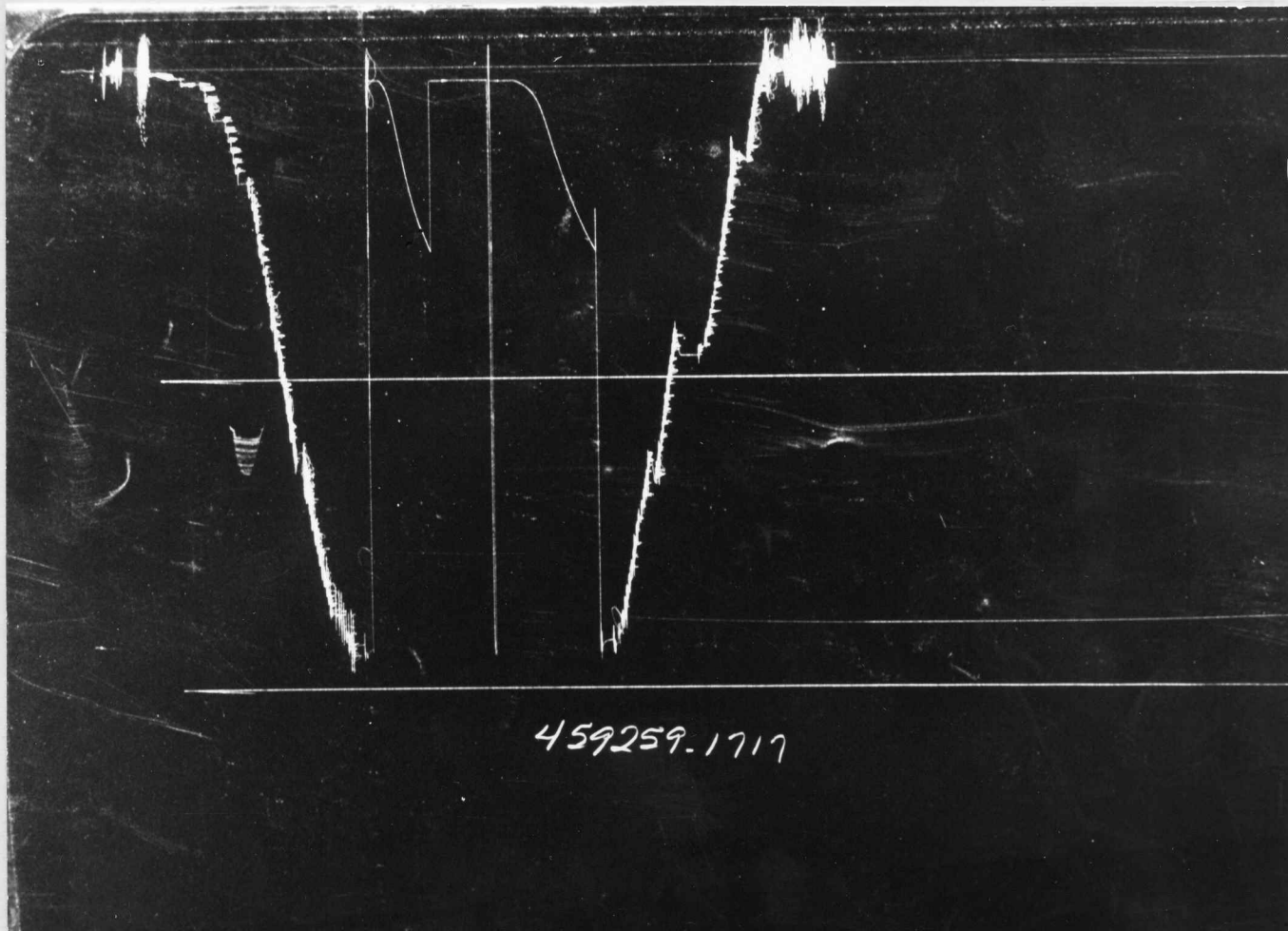
REMARKS:

SPECIAL PRESSURE DATA

↑
PRESSURE
↓

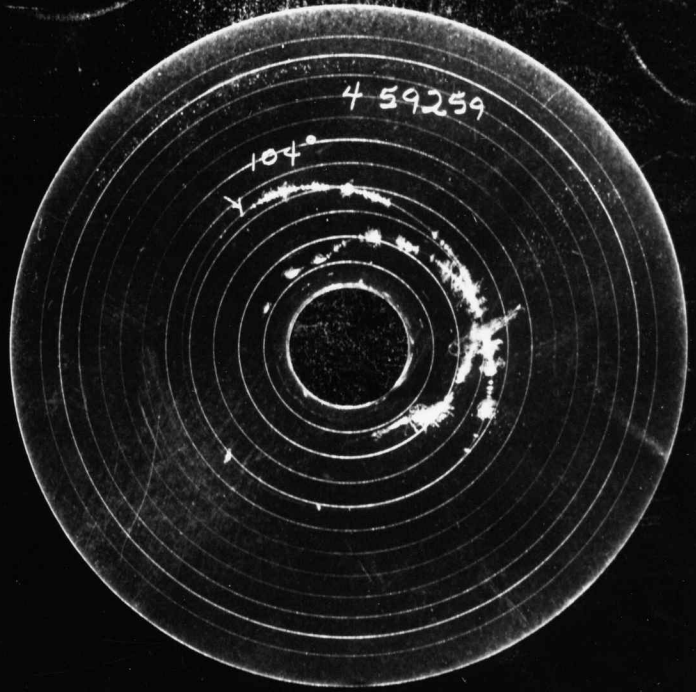


← TIME →



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

TEMPERATURE
RECORDER
CHART



10° each circle

Flow Time	1st 10	Min.	2nd 90	Min.	Date	4-28-65	Ticket Number	419053 - S
Closed in Press. Time	1st 45	Min.	2nd 45	Min.	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND
Pressure Readings	Field			Office Corrected	Tester	MR. WALKER	Witness	MR. WIGGINS
Depth Top Gauge	3300	Ft.	NO	Blanked Off	Drilling Contractor	JA-LE DRILLING COMPANY	IC	
BT. P.R.D. No.	1063		12	Hour Clock	Elevation	1812'	Top Packer	3302'
Initial Hydro Mud Pressure	1905		1827		Total Depth	3313'	Bottom Packer	3307'
Initial Closed in Pres.	1089		1046		Interval Tested	3307'-3313'	Formation Tested	ARBUCKLE
Initial Flow Pres.	18	1	20		Casing or Hole Size	7 7/8"	Casing Perfs.	Top
	27	2	19					Bot.
Final Flow Pres.	18	1	16		Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	1043		988		Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1895		1817		Mud Weight	10.2	Mud Viscosity	35
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	97	Anchor Size & Length	ID 2 3/8" OD 4 1/2" X 6'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	DERRICK FLOOR	Depth of Tester Valve	3296' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.		1			Recovered	80	Feet of	Heavy oil cut mud
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	3310	Ft.	NO	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	396		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	1732		1835		Tool Opened	9:10	A.M. Tool Closed	12:20 A.M. P.M.
Initial Closed in Pres.	1012		1053		Remarks Opened tool for 10 minute 1st flow with a			
Initial Flow Pres.	18	1	25		fair blow. Closed tool for 45 minute initial			
Final Flow Pres.	18	2	31		closed in pressure. Reopened tool for 90 minute			
Final Closed in Pres.	18	1	23		2nd flow with fair blow throughout test. Closed			
Final Hydro Mud Pres.	1732		1825		tool for 45 minute final closed in pressure.			

Legal Location
Sec. - Twp. - Rng.
LEASE NAME
2
WELL NO.
2
TEST NO.
VAUGHN WIGGINS
LEASE OWNER/COMPANY NAME
COUNTY
BARTON
STATE
KANSAS
OWNER'S DISTRICT

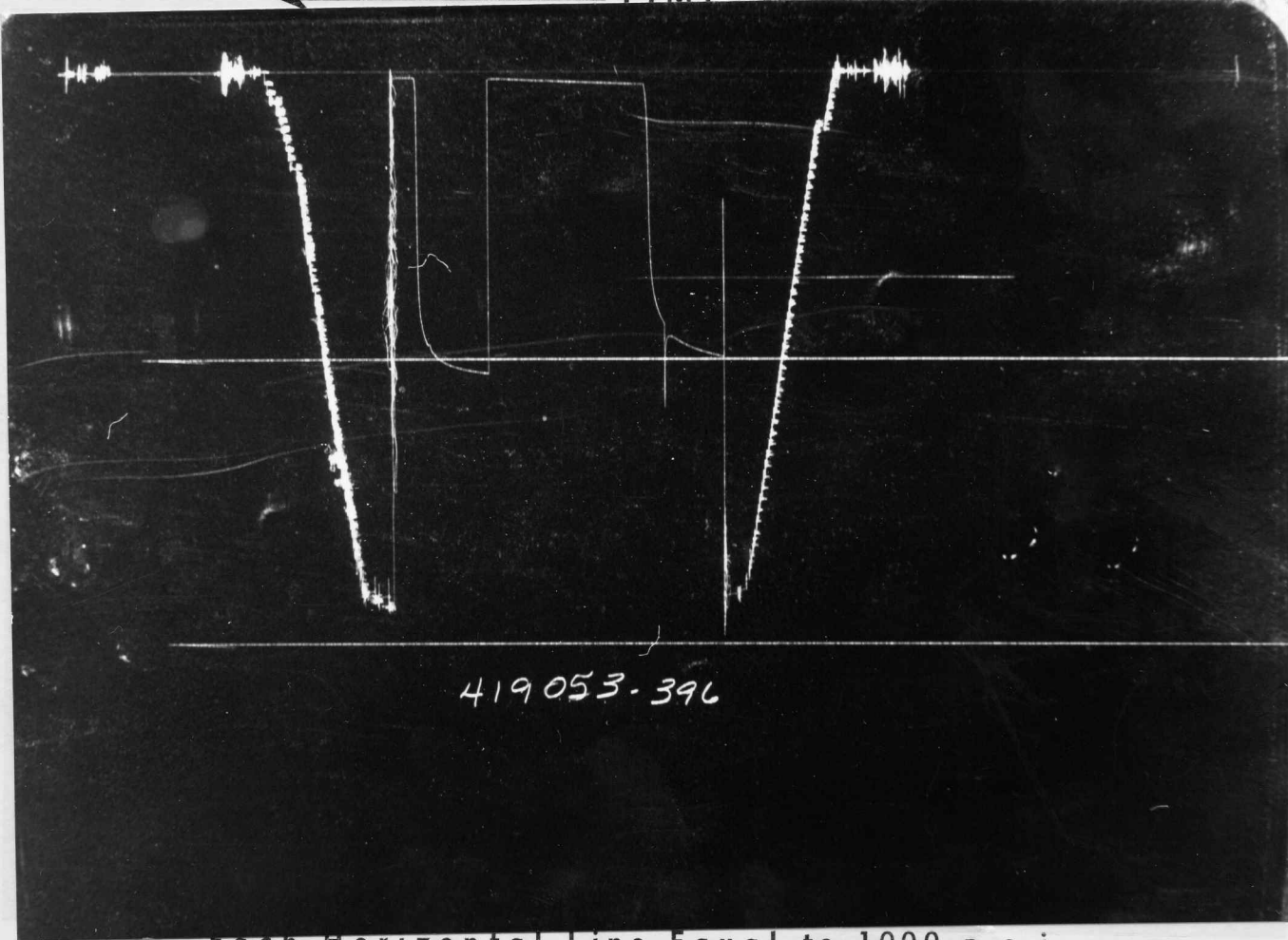
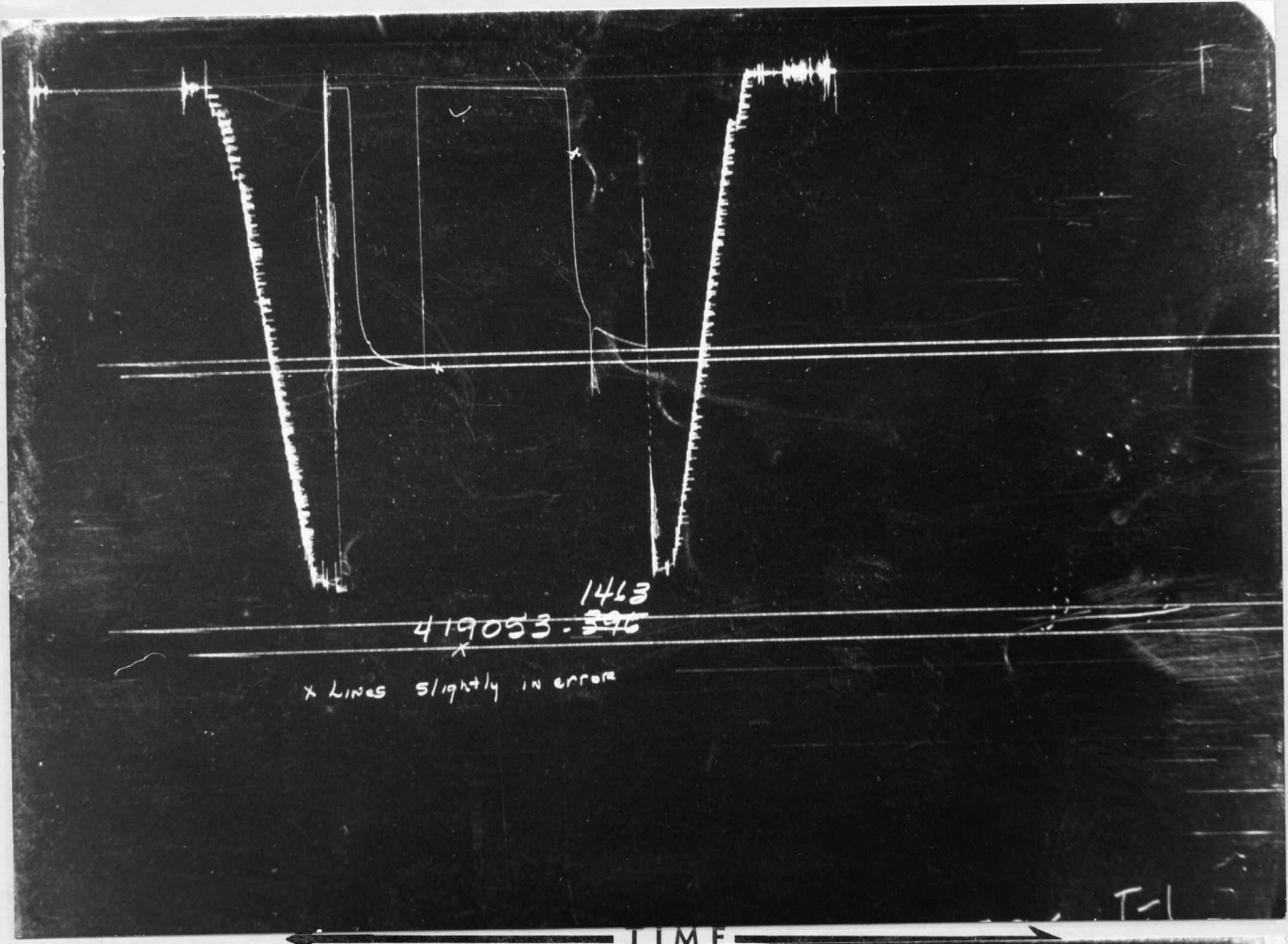
FORMATION TEST DATA

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Gauge No.		Depth		Clock		hour		Ticket No.		
1463		3300'		12				419053		
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 20	.000		16	.000	19	.000		40	
P ₁	.088 16	.0311		890	.100	22	.0337		756	
P ₂		.0622		960	.200	26	.0674		861	
P ₃		.0933		995	.300	30	.1011		917	
P ₄		.1244		1014	.400	33	.1348		935	
P ₅		.1555		1025	.500	37	.1685		950	
P ₆		.1866		1032	.600	40	.2022		963	
P ₇		.2177		1039			.2359		974	
P ₈		.2488		1043			.2696		983	
P ₉		.2800		1046			.3030		988	
P ₁₀										
Gauge No. 396		Depth 3310'		Clock 12		hour				
P ₀	.000 25	.000		23	.000	31	.000		45	
P ₁	.090 23	.0331		895	.105	29	.0354		760	
P ₂		.0662		970	.210	32	.0708		866	
P ₃		.0993		1004	.315	36	.1062		924	
P ₄		.1324		1021	.420	39	.1416		942	
P ₅		.1655		1032	.525	42	.1770		957	
P ₆		.1986		1039	.630	45	.2124		970	
P ₇		.2317		1046			.2478		980	
P ₈		.2648		1049			.2832		988	
P ₉		.2980		1053			.3190		995	
P ₁₀										
Reading Interval		5			15		5			Minutes
REMARKS:										

SPECIAL PRESSURE DATA

↑ PRESSURE ↓



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