	1st Min.	2nd Min.
Flow Time	4	60
Closed In Press. Time	30	30
Pressure Readings	Field	Office Corrected
Depth Top Gauge	3303 Ft.	NO Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pressure		1747
Initial Closed in Pres.		897
Initial Flow Pres.	1	21
	2	23
Final Flow Pres.	1	20
	2	21
Final Closed in Pres.		451
Final Hydro Mud Pressure		1701
Depth Cen. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		
Depth Bot. Gauge	3316 Ft.	YES Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pres.	1810	1741
Initial Closed in Pres.	915	892
Initial Flow Pres.	1	14
	20	2 26
Final Flow Pres.	1	16
	20	2 19
Final Closed in Pres.	450	445
Final Hydro Mud Pres.	1780	1698

Date	2-6-62	Ticket Number	326446 S
Kind of Job	Open hole test	Halliburton District	Hays
Tester	H. W. Boone	Witness	-
Drilling Contractor	Peel Brothers		
Elevation	2063'	Top Packer	-
Total Depth	3320'	Bottom Packer	3298'
Interval Tested	3298'-3320'	Formation Tested	Toronto
Casing or Hole Size	7 7/8"	Casing Top / Perfs. Bot.	-
Surface Choke	-	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½"	Drill Collars Above Tester (I.D. - LENGTH)	-
Mud Weight	10.1	Mud Viscosity	40
Temperature	92 °F Actual (°F Est.)	Anchor Size & Length ID 5" OD 4½" X	22'
Depths Mea. From	Kelly Bushings	Depth of Tester Valve	3278' Ft.
Cushion TYPE / AMOUNT	- Ft.	Depth Back Pres. Valve	- Ft.
Recovered	13 Feet of Mud		
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Gas Gravity	-	Surface Pressure	- psi
Tool Opened	12:56 A.M. P.M.	Tool Closed	2:30 A.M. P.M.

Remarks: Opened tool for 4 minute 1st flow. Closed tool for 30 minute initial closed in pressure. Reopened tool for 60 minute 2nd flow with very weak blow; dead in 4 minutes. Closed tool for 30 minute final closed in pressure.

Legal Location Sec. - Twp. - Rng.: SEC. 36 - 5 - 20
Lease Name: WILTROUT
Well No.: B-1
Test No.: 1
Lease Owner/Company Name: CITIES SERVICE PETROLEUM COMPANY
Field Area: WILDCAT
County: PHILLIPS
State: KANSAS
Owner's District: RAY

36-5-20W

FORMATION TEST DATA

5

Gauge No. 397	Depth 3303'	Clock 12 hour	Ticket No. 326446

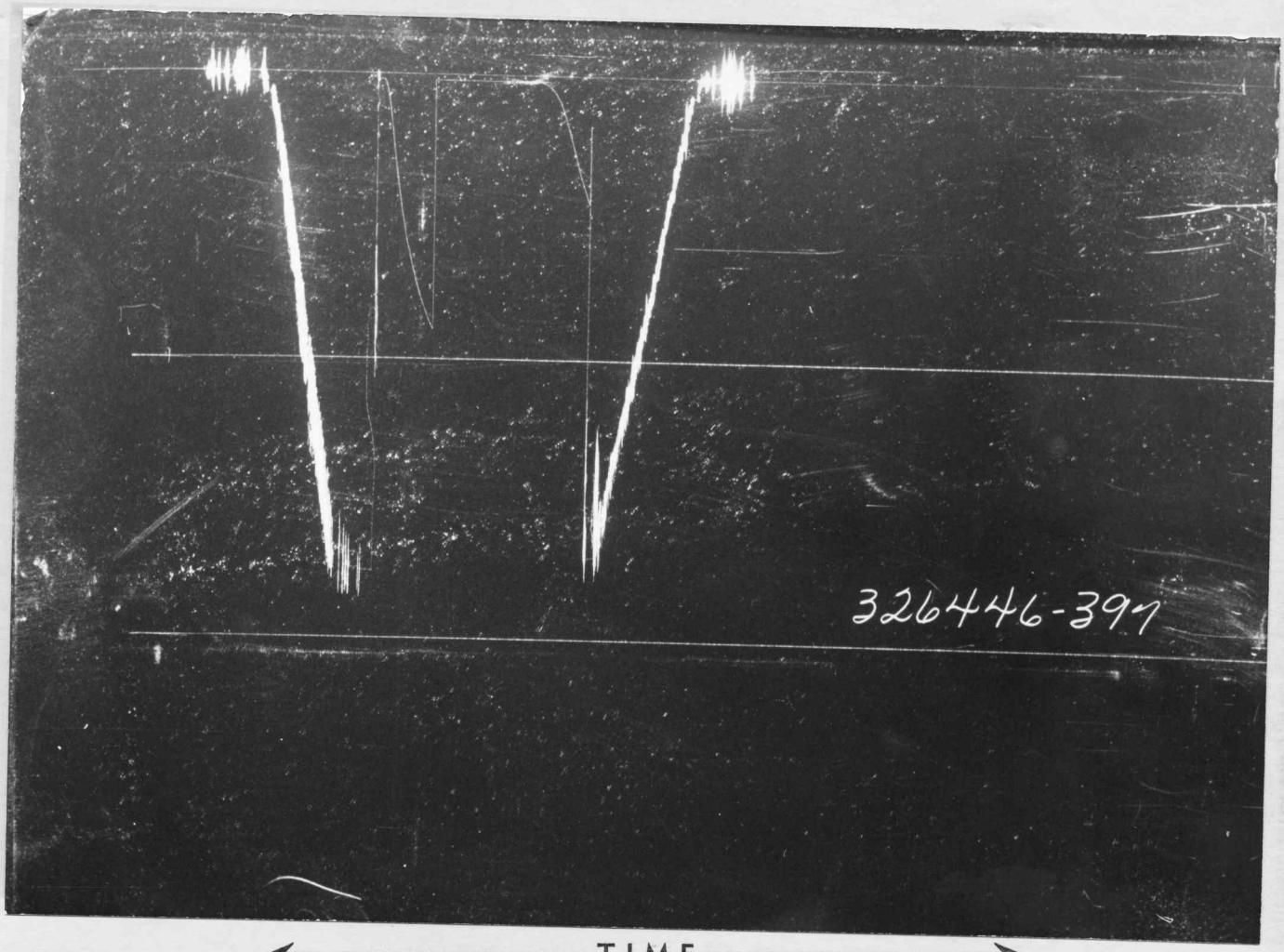
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P_0	.000	21	.000		20	.000	23	.000		21
P_1	.023	20	.0214		74	.427	21	.0206		29
P_2			.0428		216			.0412		42
P_3			.0642		373			.0618		63
P_4			.0856		498			.0824		98
P_5			.1070		601			.1030		145
P_6			.1284		679			.1236		207
P_7			.1498		749			.1442		274
P_8			.1712		807			.1648		340
P_9			.1926		857			.1854		399
P_{10}			.2140		897			.2060		451

Gauge No. 737	Depth 3316'	Clock 12 hour

P_0	.000	14	.000		16	.000	26	.000		19
P_1	.023	16	.0199		73	.414	19	.0189		26
P_2			.0398		216			.0378		40
P_3			.0597		393			.0567		64
P_4			.0796		520			.0756		100
P_5			.0995		607			.0945		149
P_6			.1194		684			.1134		212
P_7			.1393		750			.1323		280
P_8			.1592		807			.1512		342
P_9			.1791		855			.1701		399
P_{10}			.1990		892			.1890		445
Reading Interval			3					3		Minutes

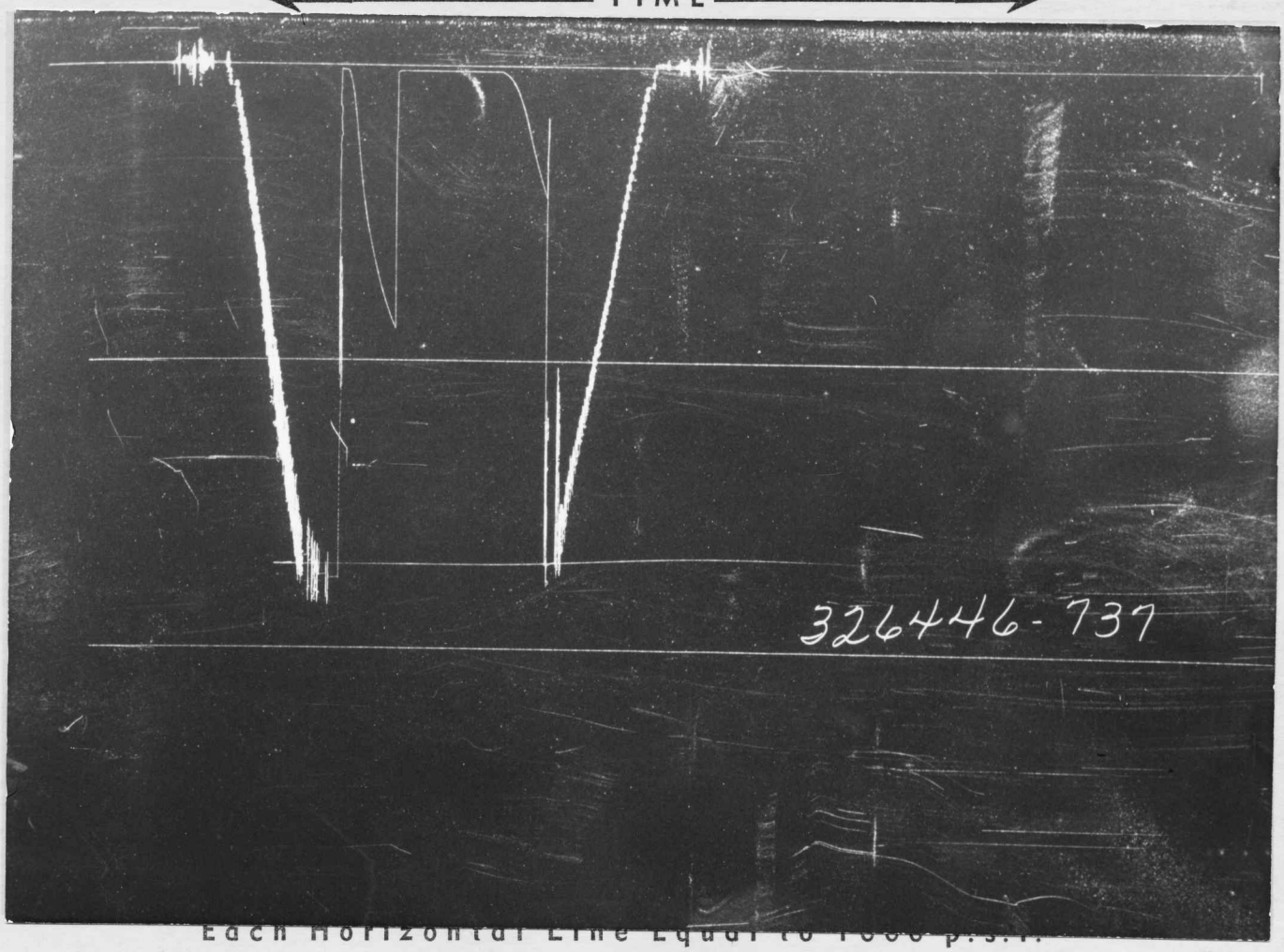
REMARKS:

SPECIAL PRESSURE DATA



PRESSURE

TIME



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

	1st	Min.	2nd	Min.
Flow Time	5		60	
Closed In Press. Time	30		30	

Pressure Readings	Field	Office Corrected
Depth Top Gauge	3352 Ft.	No Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pressure		1788
Initial Closed in Pres.		1271
Initial Flow Pres.	1	12
	2	16
Final Flow Pres.	1	12
	2	14
Final Closed in Pres.		1140
Final Hydro Mud Pressure		1760
Depth Cen. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		
Depth Bot. Gauge	3362 Ft.	Yes Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pres.	1860	1783
Initial Closed in Pres.	1360	1269
Initial Flow Pres.	1	9
	10	2 15
Final Flow Pres.	1	9
	10	2 10
Final Closed in Pres.	1165	1134
Final Hydro Mud Pres.	1820	1755

Date	2-7-62	Ticket Number	326447 S
Kind of Job	OPEN HOLE	Halliburton District	HAYS
Tester	BOONE	Witness	
Drilling Contractor	PEEL BROTHERS, INCORPORATED		
Elevation	2063' DF	Top Packer	
Total Depth	3366'	Bottom Packer	3347'
Interval Tested	3347-3366'	Formation Tested	Kansas City
Casing or Hole Size	7 7/8"	Casing Top / Perfs. Bot.	
Surface Choke		Bottom Choke	5/8"
Size & Kind Drill Pipe	4½"	Drill Collars Above Tester	I.D. - LENGTH
Mud Weight	10.1	Mud Viscosity	41
Temperature	92 °F Est. / °F Actual	Anchor Size & Length	ID 5" / OD 4½" X 19'
Depths Mea. From	KB	Depth of Tester Valve	3329' Ft.
Cushion	TYPE: - AMOUNT: Ft.	Depth Back Pres. Valve	Ft.
Recovered	11 Feet of	Rotary mud	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity		Water Spec. Gravity	
Gas Gravity		Surface Pressure	psi
Tool Opened	11:10 A.M. / P.M.	Tool Closed	12:45 A.M. / P.M.

Mea. From Tester Valve

Remarks: Opened for 5 min. 1st flow. Closed for 30 min. ICIP. Reopened with a very, very weak blow, for 60 min. 2nd flow. Closed for 30 min. FCIP.

Legal Location Sec. - Twp. - Rng.: 36-5-20

Lease Name: WILTROOT

Well No.: B-1

Test No.: 2

Lease Owner/Company Name: CITIES SERVICE PETROLEUM CO.

Field Area: WILDCAT

County: PHILLIPS

State: KANSAS

Owner's District: RAY

36-5-20

FORMATION TEST DATA

5

Gauge No. 397	Depth 3352'	Clock 12 hour	Ticket No. 326447

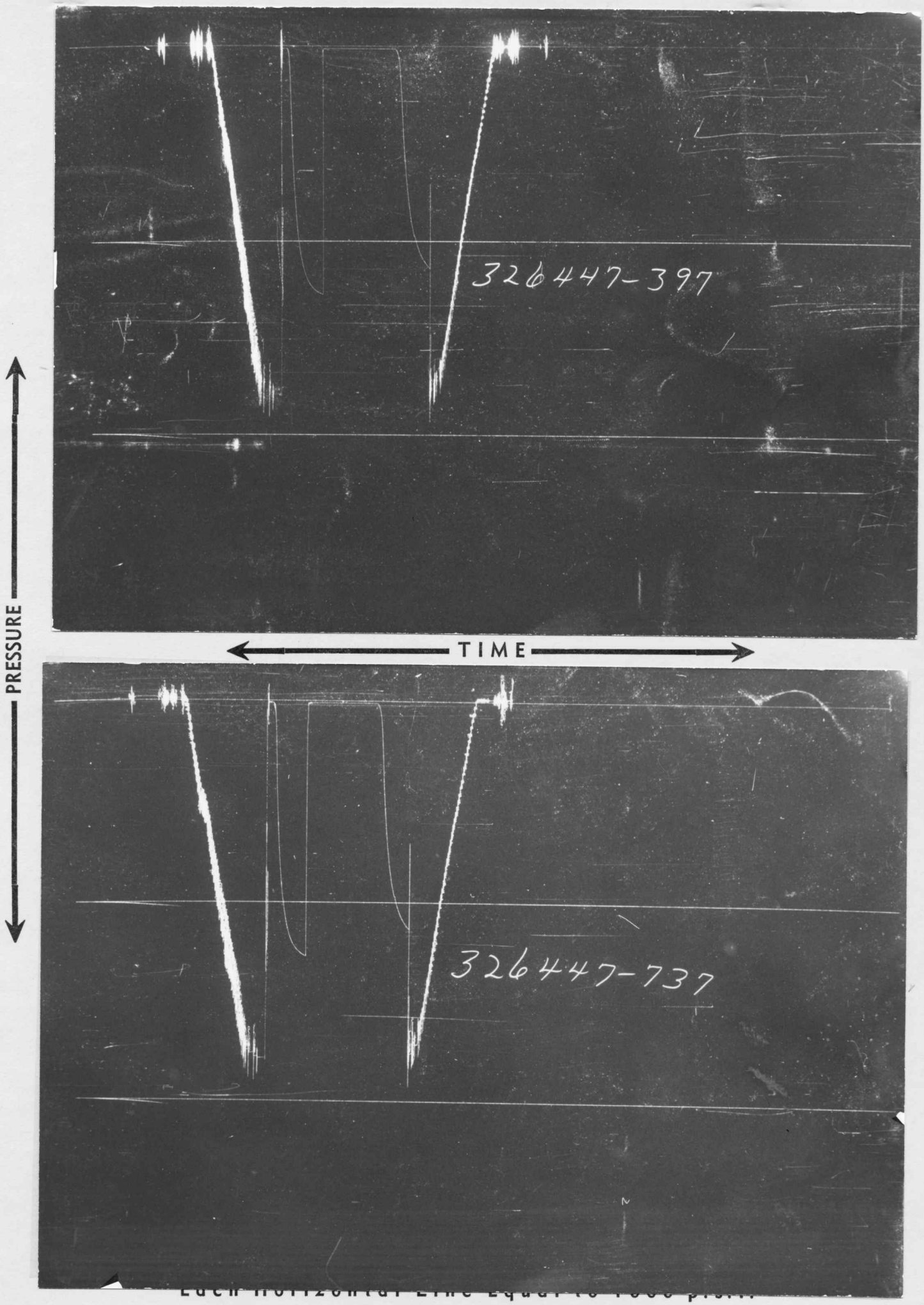
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P_0	.000	12	.000		12	.000	16	.000		14
P_1	.029	12	.0217		234	.421	14	.0212		53
P_2			.0434		685			.0424		286
P_3			.0651		939			.0636		604
P_4			.0868		1072			.0848		794
P_5			.1085		1155			.1060		924
P_6			.1302		1205			.1272		987
P_7			.1519		1233			.1484		1050
P_8			.1736		1252			.1696		1093
P_9			.1953		1264			.1908		1120
P_{10}			.2170		1271			.2120		1140

Gauge No. 737	Depth 3362'	Clock 12 hour	

P_0	.000	9	.000		9	.000	15	.000		10
P_1	.028	9	.0205		159	.404	10	.0204		48
P_2			.0410		700			.0408		302
P_3			.0615		942			.0612		628
P_4			.0820		1069			.0816		809
P_5			.1025		1152			.1020		924
P_6			.1230		1199			.1224		992
P_7			.1435		1229			.1428		1051
P_8			.1640		1247			.1632		1087
P_9			.1845		1260			.1836		1114
P_{10}			.2050		1269			.2040		1134
Reading Interval			3					3		Minutes

REMARKS:

SPECIAL PRESSURE DATA


326447-397
PRESSURE
TIME
326447-737

	1st Min.	2nd Min.
Flow Time	5	60
Closed In Press. Time	30	30
Pressure Readings	Field	Office Corrected
Depth Top Gauge	3392' Ft.	NO Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pressure	1730	1812
Initial Closed in Pres.	1135	1151
Initial Flow Pres.	10 (1)	14
	10 (2)	25
Final Flow Pres.	10 (1)	15
	10 (2)	17
Final Closed in Pres.	875	894
Final Hydro Mud Pressure	1710	1792
Depth Cen. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		
Depth Bot. Gauge	3432' Ft.	YES Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.	CLOCK STOPPED.	
Initial Flow Pres.	1	
	NO READINGS ARE	
Final Flow Pres.	1	
	AVAILABLE.	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	2-8-62	Ticket Number	326553 - S
Kind of Job	OPEN HOLE	Halliburton District	HAYS, KANSAS
Tester	SELLERS	Witness	SMITH
Drilling Contractor	PEEL BROTHERS, INC.		
Elevation	2063' D.F.	Top Packer	-
Total Depth	3436'	Bottom Packer	3390'
Interval Tested	3390' - 3436'	Formation Tested	KANSAS CITY
Casing or Hole Size	7 7/8"	Casing Top / Perfs. Bot.	- / -
Surface Choke	-	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" ACME	Drill Collars Above Tester (I.D. - LENGTH)	-
Mud Weight	10.1	Mud Viscosity	41
Temperature	84 °F Est. / °F Actual	Anchor Size & Length (ID / OD)	2.37" / 5" X 46'
Depths Mea. From	DERRICK FLOOR	Depth of Tester Valve	3378' Ft.
Cushion (TYPE / AMOUNT)	NONE Ft.	Depth Back Pres. Valve	- Ft.
Recovered	12' Feet of	drilling mud	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Gas Gravity	-	Surface Pressure	- psi
Tool Opened	11:37 AM A.M. / P.M.	Tool Closed	1:12 PM A.M. / P.M.

Remarks: Tool opened @ 11:37 AM for a 5 minute first flow. Blow dead in 4 minutes. Tool closed @ 11:42 AM. Rotated tool for a 30 minute initial closed in pressure. Tool re-opened @ 12:12 PM, dead immediately - flushed tool - same results. Tool closed @ 1:12 PM. Took a 30 minute final closed in pressure Unseated @ 1:32 PM.

Legal Location Sec. - Twp. - Rng.: SE-SW-NW SEC. 36 - 5 - 20

Lease Name: WILTROUT

Well No.: B-1

Test No.: 3

Field Area: WILDCAT

County: PHILLIPS

State: KANSAS

Lease Owner/Company Name: CITIES SERVICE PETROLEUM COMPANY

Owner's District: LOGAN, KANSAS

Mea. From Tester Valve

FORMATION TEST DATA

36-5

5-C

Gauge No. 737	Depth 3392'	Clock 12 hour	Ticket No. 326553

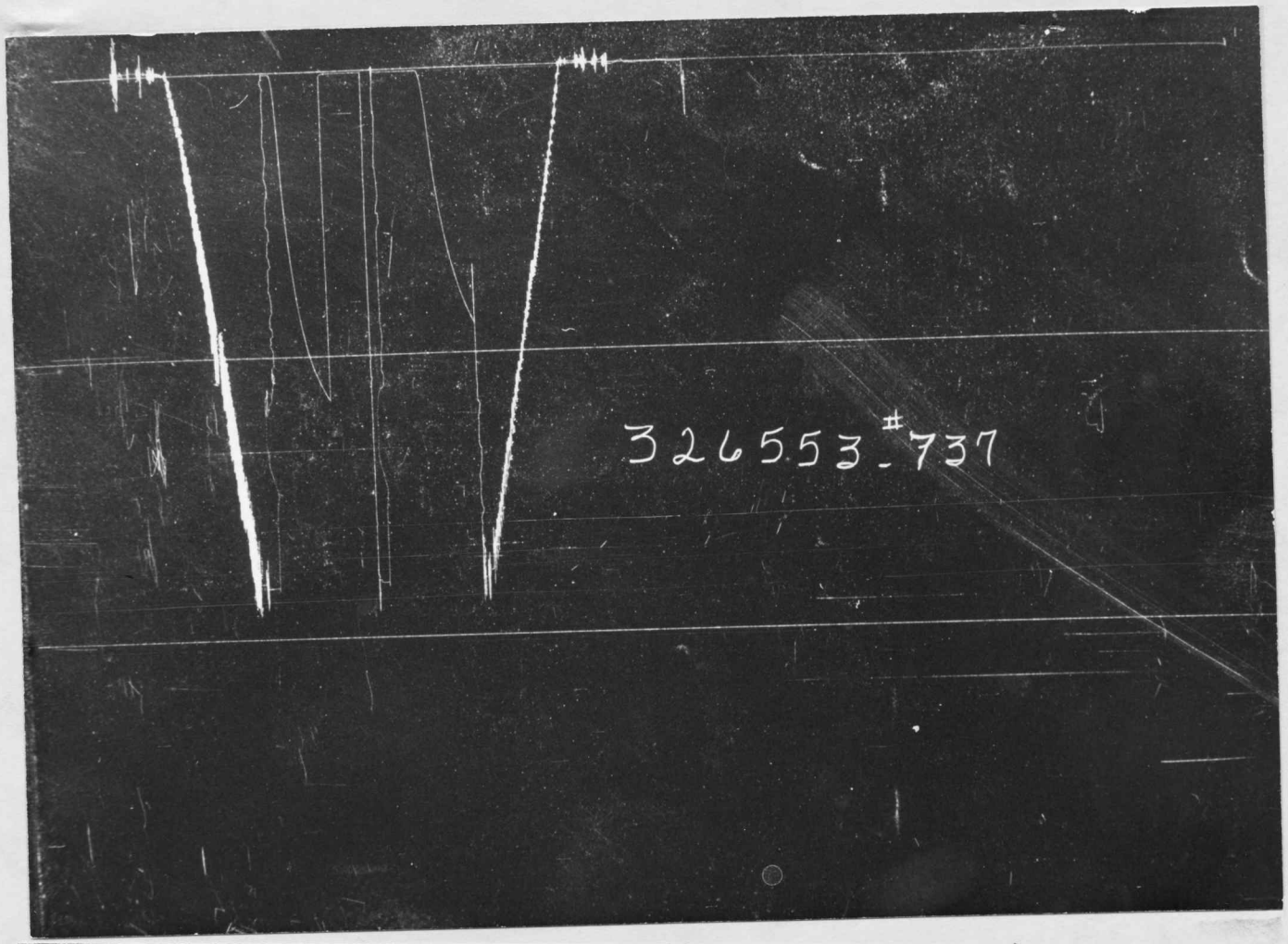
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\Theta}{\Theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\Theta}{\Theta}$	PSIG Temp. Corr.
P_0	.000	14	.000		15	.000	25	.000		17
P_1	.028	15	.0211		135	.400	17	.021		87
P_2			.0422		454			.042		251
P_3			.0633		648			.063		412
P_4			.0844		795			.084		530
P_5			.1055		897			.105		624
P_6			.1266		977			.126		701
P_7			.1477		1040			.147		765
P_8			.1688		1080			.168		813
P_9			.1899		1122			.189		860
P_{10}			.211		1151			.210		894

Gauge No. 397	Depth 3432'	Clock 12 hour

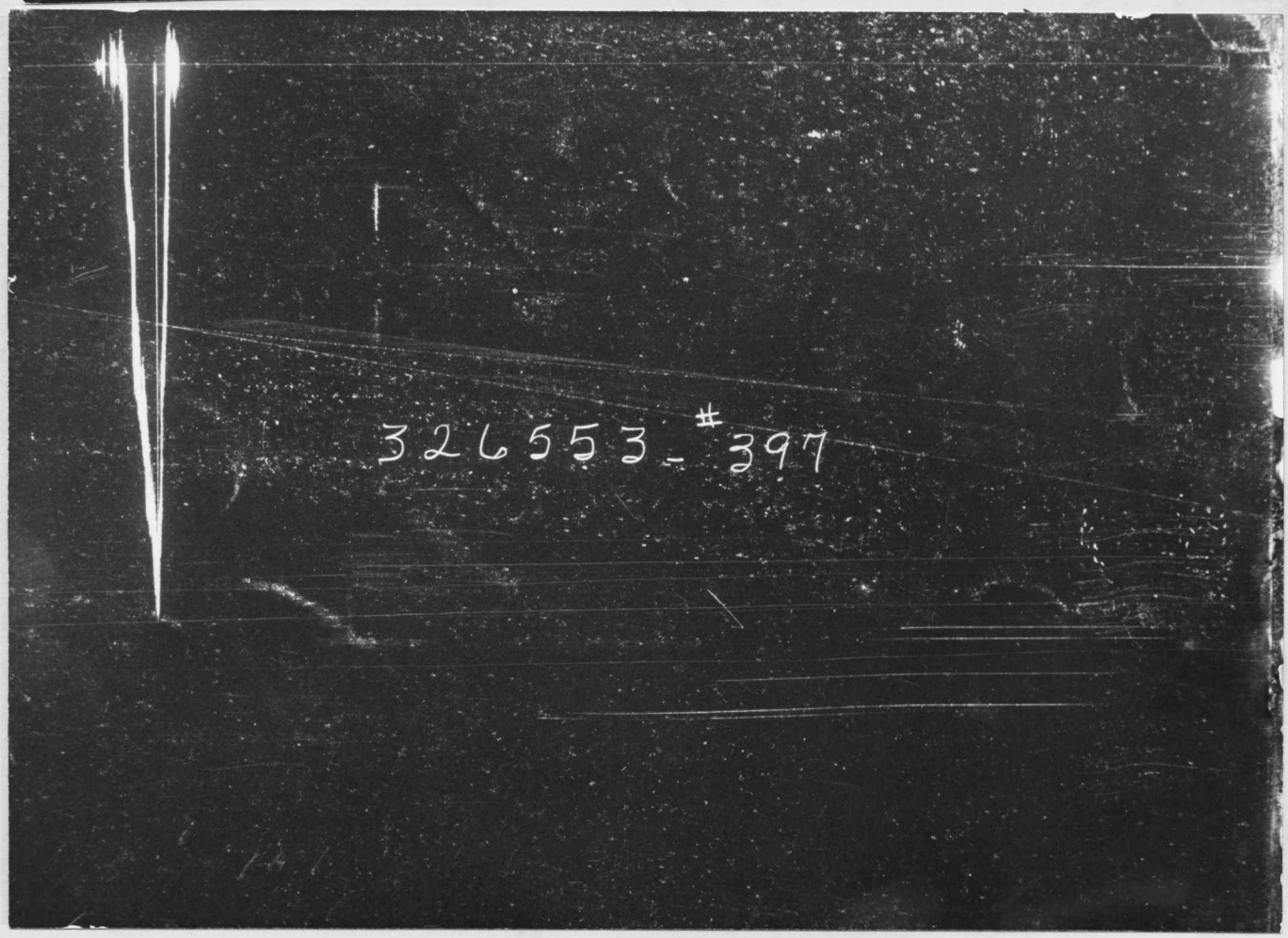
P_0										
P_1										
P_2				CLOCK STOPPED.						
P_3										
P_4										
P_5										
P_6										
P_7										
P_8										
P_9										
P_{10}										
Reading Interval										Minutes

REMARKS:

SPECIAL PRESSURE DATA



PRESSURE



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

	1st	Min.	2nd	Min.
Flow Time	6		61	
Closed In Press. Time	30		30	

Pressure Readings	Field	Office Corrected
Depth Top Gauge	3446' Ft.	NO Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pressure		1827
Initial Closed in Pres.		1203
Initial Flow Pres.	1	4
	2	17
Final Flow Pres.	1	7
	2	11
Final Closed in Pres.		1070
Final Hydro Mud Pressure		1802
Depth Cen. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		
Depth Bot. Gauge	3461' Ft.	YES Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pres.	1825	1832
Initial Closed in Pres.	1200	1208
Initial Flow Pres.	10 1	13
	10 2	17
Final Flow Pres.	20 1	14
	10 2	19
Final Closed in Pres.	1070	1080
Final Hydro Mud Pres.	1815	1809

Date	2-9-62	Ticket Number	326554 - S
Kind of Job	OPEN HOLE	Halliburton District	HAYS, KANSAS
Tester	SELLERS	Witness	LUTHI
Drilling Contractor	PEEL BROTHERS, INC.		
Elevation	2063' D.F.	Top Packer	-
Total Depth	3465'	Bottom Packer	3458'
Interval Tested	3458' - 3465'	Formation Tested	KANSAS CITY
Casing or Hole Size	7 7/8"	Casing Perfs. Top / Bot.	- / -
Surface Choke	-	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" ACME	Drill Collars Above Tester (I.D. - LENGTH)	-
Mud Weight	10.1	Mud Viscosity	41
Temperature	84 °F Est. / °F Actual	Anchor Size & Length (ID / OD)	2.37" X 5" X 7'
Depths Mea. From	DERRICK FLOOR	Depth of Tester Valve	3439' Ft.
Cushion (TYPE / AMOUNT)	NONE Ft.	Depth Back Pres. Valve	- Ft.
Recovered	8' Feet of	free oil	
Recovered	8' Feet of	oil cut mud	
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Gas Gravity	-	Surface Pressure	- psi
Tool Opened	5:47 AM A.M. / P.M.	Tool Closed	7:24 AM A.M. / P.M.

Remarks: Tool opened @ 5:47 AM for a 6 minute first flow. Tool closed @ 5:53 AM. Rotated tool for a 30 minute initial closed in pressure. Tool re-opened @ 6:23 AM , blow dead in 4 minutes, flushed tool, blow dead immediately. Tool closed @ 7:24 AM. Took a 30 minute final closed in pressure. Unseated packer @ 7:54 AM.

Legal Location Sec. - Twp. - Rng.: SE-SW-NW SEC. 36 - 5 - 20
Lease Name: WILTROUT
Well No.: B-1
Test No.: 4
Field Area: WILDCAT
County: PHILLIPS
State: KANSAS
Lease Owner/Company Name: CITIES SERVICE PETROLEUM COMPANY
Owner's District: LOGAN, KANSAS
Meas. From Tester Valve

FORMATION TEST DATA

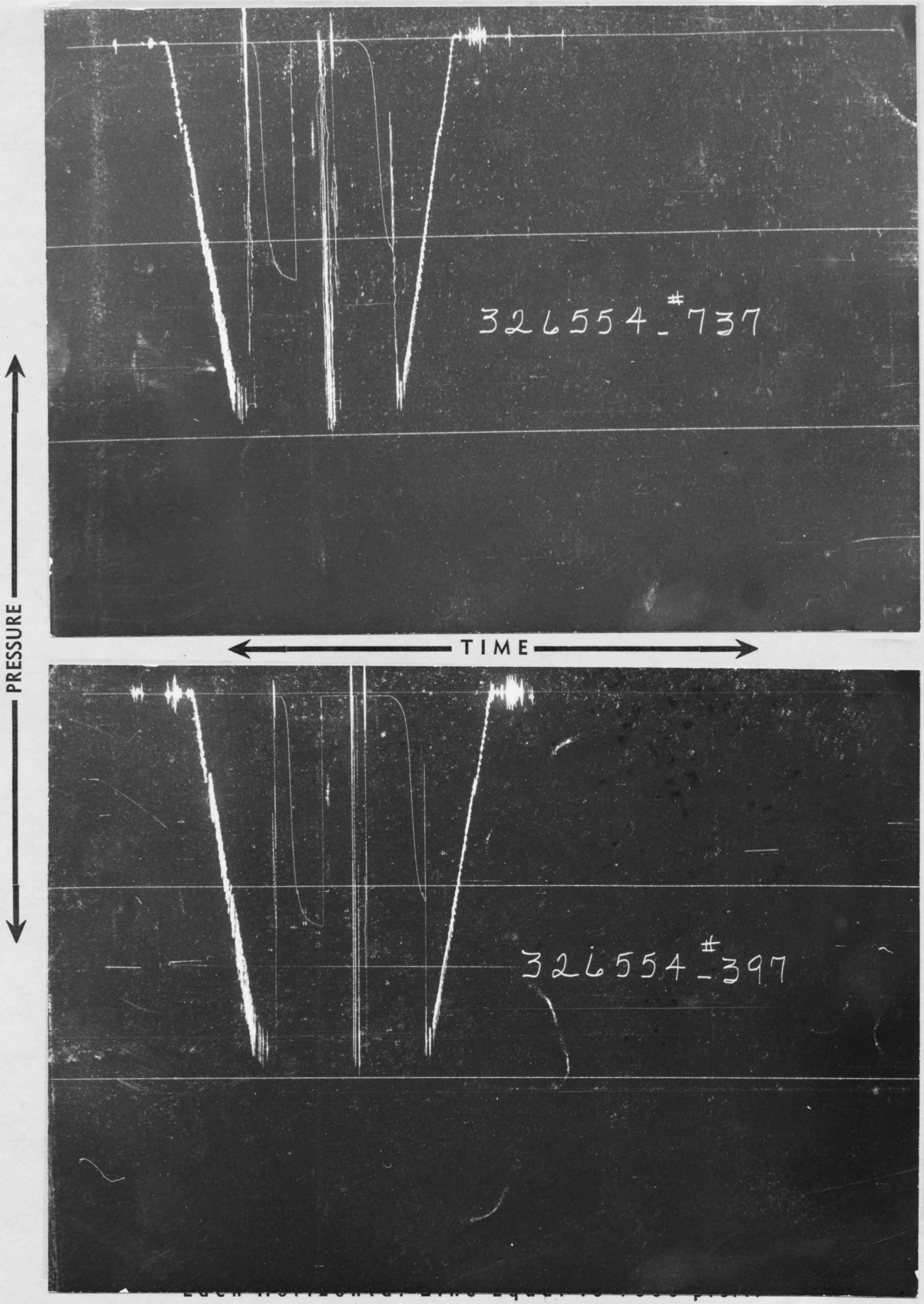
36-
5

Gauge No. 737	Depth 3446'	Clock 12 hour	Ticket No. 326554

	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	4	.000		7	.000	17	.000		11
P_1	.032	7	.0236		48	.384	11	.0197		18
P_2			.0472		343			.0394		32
P_3			.0708		894			.0591		52
P_4			.0944		1049			.0788		95
P_5			.1180		1128			.0985		192
P_6			.1416		1158			.1182		465
P_7			.1652		1178			.1379		794
P_8			.1888		1190			.1576		962
P_9			.2124		1197			.1773		1037
P_{10}			.236		1203			.197		1070
Gauge No. 397			Depth 3461'			Clock 12 hour				
P_0	.000	13	.000		14	.000	17	.000		19
P_1	.040	14	.0249		58	.411	19	.0207		28
P_2			.0498		347			.0414		42
P_3			.0747		866			.0621		67
P_4			.0996		1027			.0828		111
P_5			.1245		1129			.1035		216
P_6			.1494		1163			.1242		491
P_7			.1743		1182			.1449		808
P_8			.1992		1193			.1656		968
P_9			.2241		1202			.1863		1042
P_{10}			.249		1208			.207		1080
Reading Interval			3					3		Minutes

REMARKS:

SPECIAL PRESSURE DATA


326554 # 737
PRESSURE
TIME
326554 # 397

	1st Min.	2nd Min.
Flow Time	5	60
Closed In Press. Time	30	31
Pressure Readings	Field	Office Corrected
Depth Top Gauge	3467 Ft.	No Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pressure		1811
Initial Closed in Pres.		20
Initial Flow Pres.	1 6	
	2 7	
Final Flow Pres.	1 6	
	2 7	
Final Closed in Pres.		7
Final Hydro Mud Pressure		1807
Depth Cen. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		
Depth Bot. Gauge	3478' Ft.	Yes Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pres.	1805	1821
Initial Closed in Pres.	35	32
Initial Flow Pres.	15 1	19
	15 2	17
Final Flow Pres.	15 1	21
	15 2	17
Final Closed in Pres.	20	20
Final Hydro Mud Pres.	1795	1821

Date	2-9-62	Ticket Number	326555
Kind of Job	Open Hole	Halliburton District	Hays
Tester	W. D. Sellers	Witness	H. Luthi
Drilling Contractor	Peel Bros. Inc.		
Elevation	2063' DF	Top Packer	-
Total Depth	3482'	Bottom Packer	3465'
Interval Tested	17'	Formation Tested	KC
Casing or Hole Size	7 7/8"	Casing Perfs. Top / Bot.	
Surface Choke	-	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" Acme	Drill Collars Above Tester (I.D. - LENGTH)	-
Mud Weight	10.1	Mud Viscosity	41
Temperature	100 °F Est. / °F Actual	Anchor Size & Length	ID 2.37" OD 5" X 17'
Depths Mea. From	DF	Depth of Tester Valve	3450' Ft.
Cushion (TYPE / AMOUNT)	Ft.	Depth Back Pres. Valve	Ft.
Recovered	4 Feet of	oil cut mud	
Recovered	1 Feet of	free oil	
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity		Water Spec. Gravity	
Gas Gravity		Surface Pressure	psi
Tool Opened	7:37 PM A.M. P.M.	Tool Closed	9:12 A.M. P.M.

Remarks: Open tool at 7:37 PM for first flow.

Closed at 7:42 for initial closed in pressure.

Reopen at 8:12 PM with blow dead immediately.

Closed at 9:12 for final closed in pressure.

Unseat at 9:43 PM.

No special reading adaptable.

Legal Location Sec. - Twp. - Rng.: SE SW NW Sec. 36-5-20

Lease Name: WILTROUT

Well No.: B-1

Test No.: 5

Lease Owner/Company Name: CITIES SERVICE PETROLEUM COMPANY

Field Area: WILDCAT

County: PHILLIPS

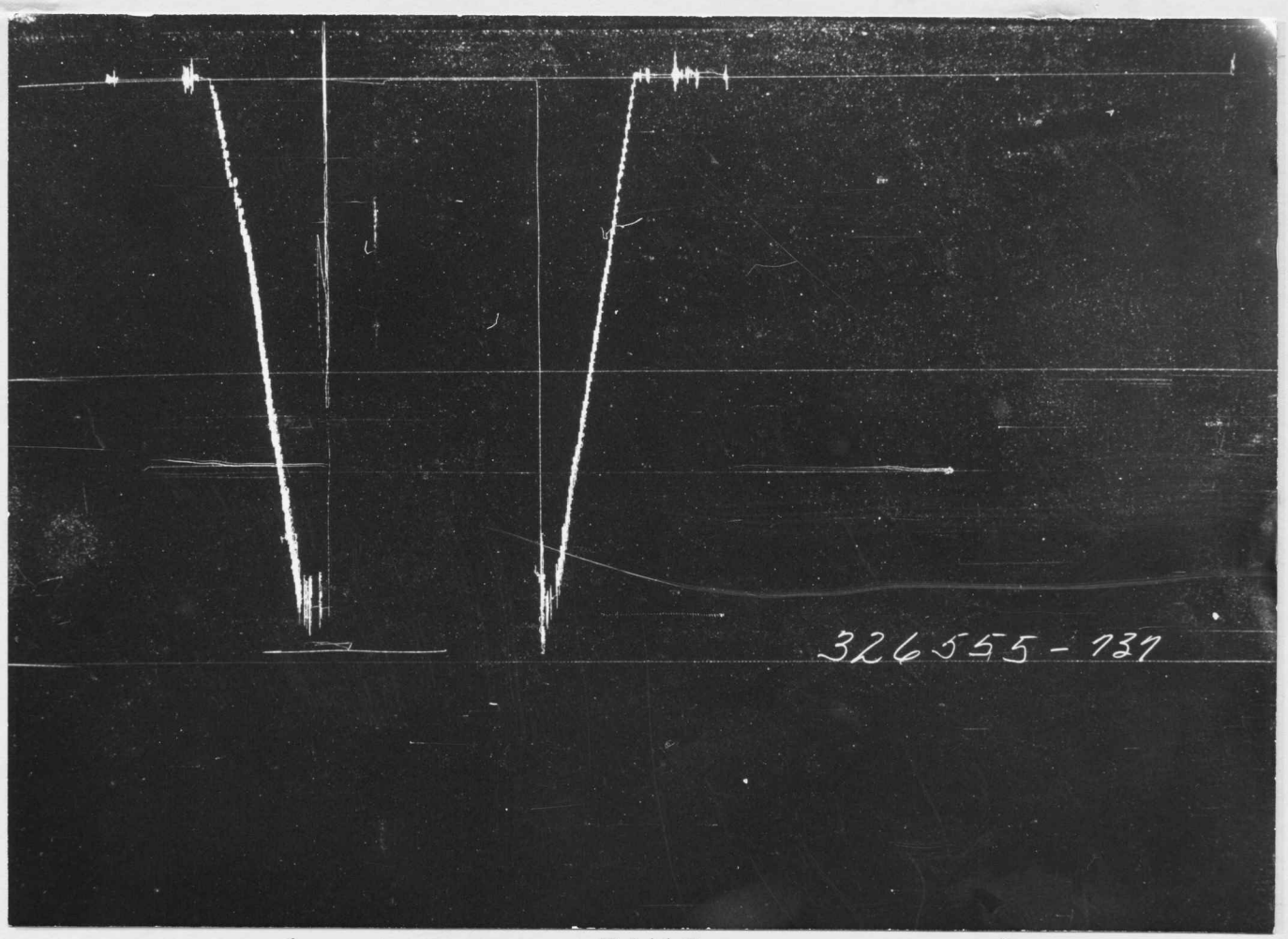
State: KANSAS

Owner's District: LOGAN

Mea. From Tester Valve

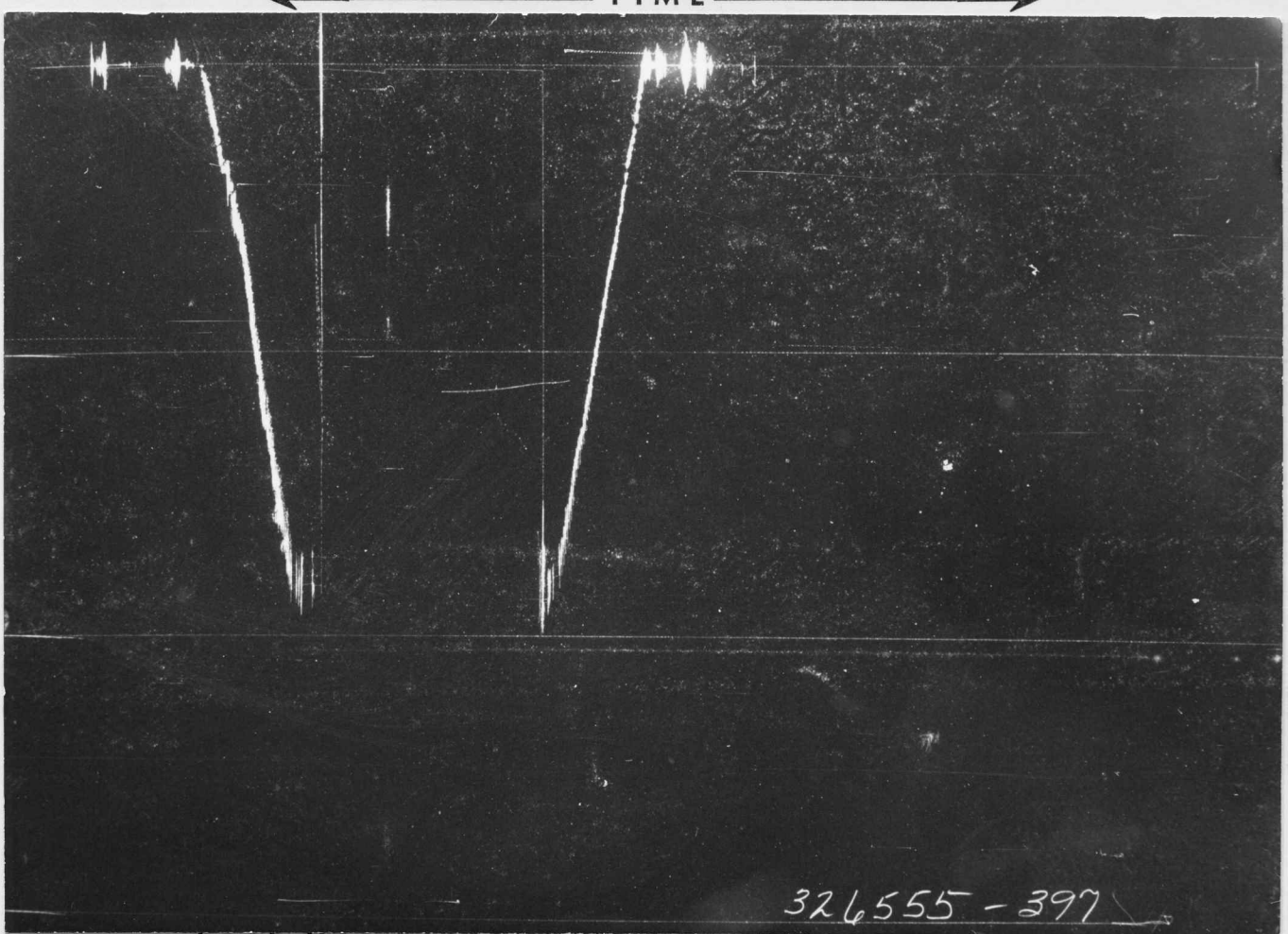
FORMATION TEST DATA

5



PRESSURE

TIME



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

	1st Min.	2nd Min.
Flow Time	5	61
Closed In Press. Time	30	30
Pressure Readings	Field	Office Corrected
Depth Top Gauge	3563 Ft.	No Blanked Off
BT. P.R.D. No.	737	12 Hour Clock
Initial Hydro Mud Pressure		1829
Initial Closed in Pres.		1093
Initial Flow Pres.	1	741
	2	963
Final Flow Pres.	1	896
	2	1094
Final Closed in Pres.		1095
Final Hydro Mud Pressure		1791
Depth Cen. Gauge	3569 Ft.	yes Blanked Off
BT. P.R.D. No.	397	12 Hour Clock
Initial Hydro Mud Pres.	2035	1810
Initial Closed in Pres.	1100	1090
Initial Flow Pres.	800 1	816
	900 2	963
Final Flow Pres.	900 1	935
	1100 2	1090
Final Closed in Pres.	1100	1092
Final Hydro Mud Pres.	2025	1792
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	2-10-62	Ticket Number	326556 S
Kind of Job	OPEN HOLE	Halliburton District	HAYS
Tester	W. D. SELLERS	Witness	H. LUTHI
Drilling Contractor	PEEL BROS. INC.		
Elevation	2063' DF	Top Packer	-
Total Depth	3573'	Bottom Packer	3561'
Interval Tested	12'	Formation Tested	Reagan
Casing or Hole Size	7 7/8"	Casing Perfs. Top / Bot.	
Surface Choke	none	Bottom Choke	5/8"
Size & Kind Drill Pipe	4 1/2" ACME	Drill Collars Above Tester (I.D. - LENGTH)	none
Mud Weight	10.2	Mud Viscosity	42
Temperature	86 °F Est. / °F Actual	Anchor Size & Length	ID 2.37 OD 5 X 12
Depths Mea. From	DF	Depth of Tester Valve	3546' Ft.
Cushion (TYPE / AMOUNT)	none Ft.	Depth Back Pres. Valve	Ft.
Recovered	2600' Feet of	muddy salt water	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity		Water Spec. Gravity	
Gas Gravity		Surface Pressure	psi
Tool Opened	10:30 PM A.M. P.M.	Tool Closed	12:36 AM A.M. P.M.

Remarks Tool opened at 10:30 PM. Closed at 10:35 PM Reopened at 11:05 PM Very strong blow, dead in 50 mins. Closed at 12:06 AM. Unseat packer at 12;36 AM

Legal Location Sec. - Twp. - Rng. SE SW NE Sec. 36 S 20

Lease Name WILTROUT

Well No. B-1

Test No. 6

Lease Owner/Company Name CITIES SERVICE PETROLEUM COMPANY

Owner's District LOGAN

Field Area Wildcat

County Phillips

State Kansas

Mea. From Tester Valve

FORMATION TEST DATA

5

Gauge No. 737	Depth 3563	Clock 12 hour	Ticket No. 326556

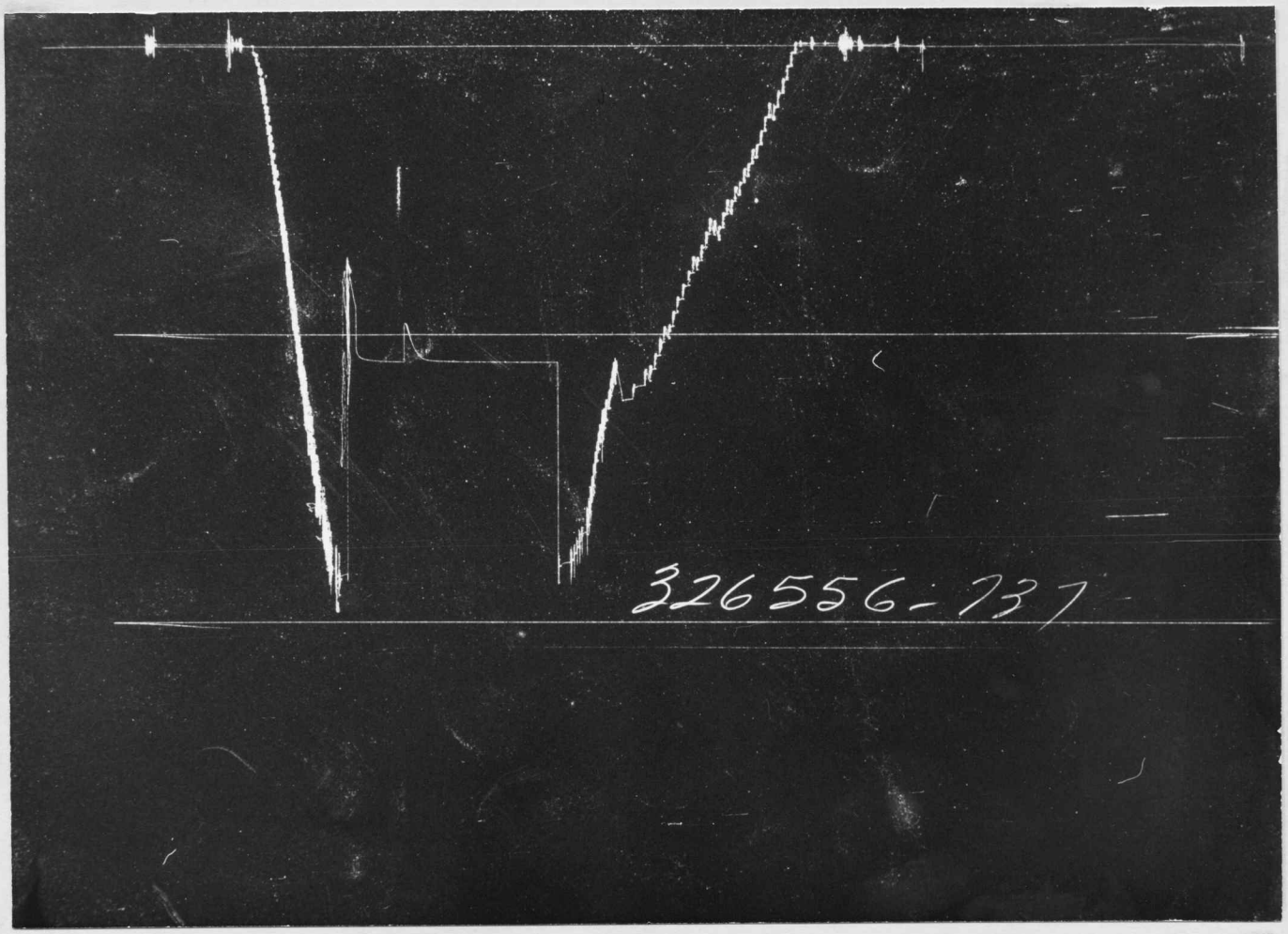
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P_0	.000	741	.000		896	.000	963	.000		1094
P_1	.0066	765	.0197		1078	.100	1088	.214		1095
P_2	.0132	813	.0394		1084	.201	1092			
P_3	.0198	844	.0591		1088	.301	1094			
P_4	.2064	878	.0788		1089	.408	1094 *			
P_5	.0330	896	.0985		1091					
P_6			.1182		1091					
P_7			.1379		1092					
P_8			.1576		1093					
P_9			.1773		1093					
P_{10}			.1970		1093					

Gauge No. 397	Depth 3569	Clock 12 hour

P_0	.000	816	.000		935	.000	963	.000		1090
P_1	.0074	840	.0203		1078	.105	1085	.217		1092
P_2	.0148	864	.0406		1082	.210	1089			
P_3	.0222	897	.0609		1085	.314	1090			
P_4	.0296	912	.0812		1087	.426	1090*			
P_5	.0370	935	.1015		1088					
P_6			.1218		1089					
P_7			.1421		1090					
P_8			.1624		1090					
P_9			.1827		1090					
P_{10}			.2030		1090					
Reading Interval	1		3			15				Minutes

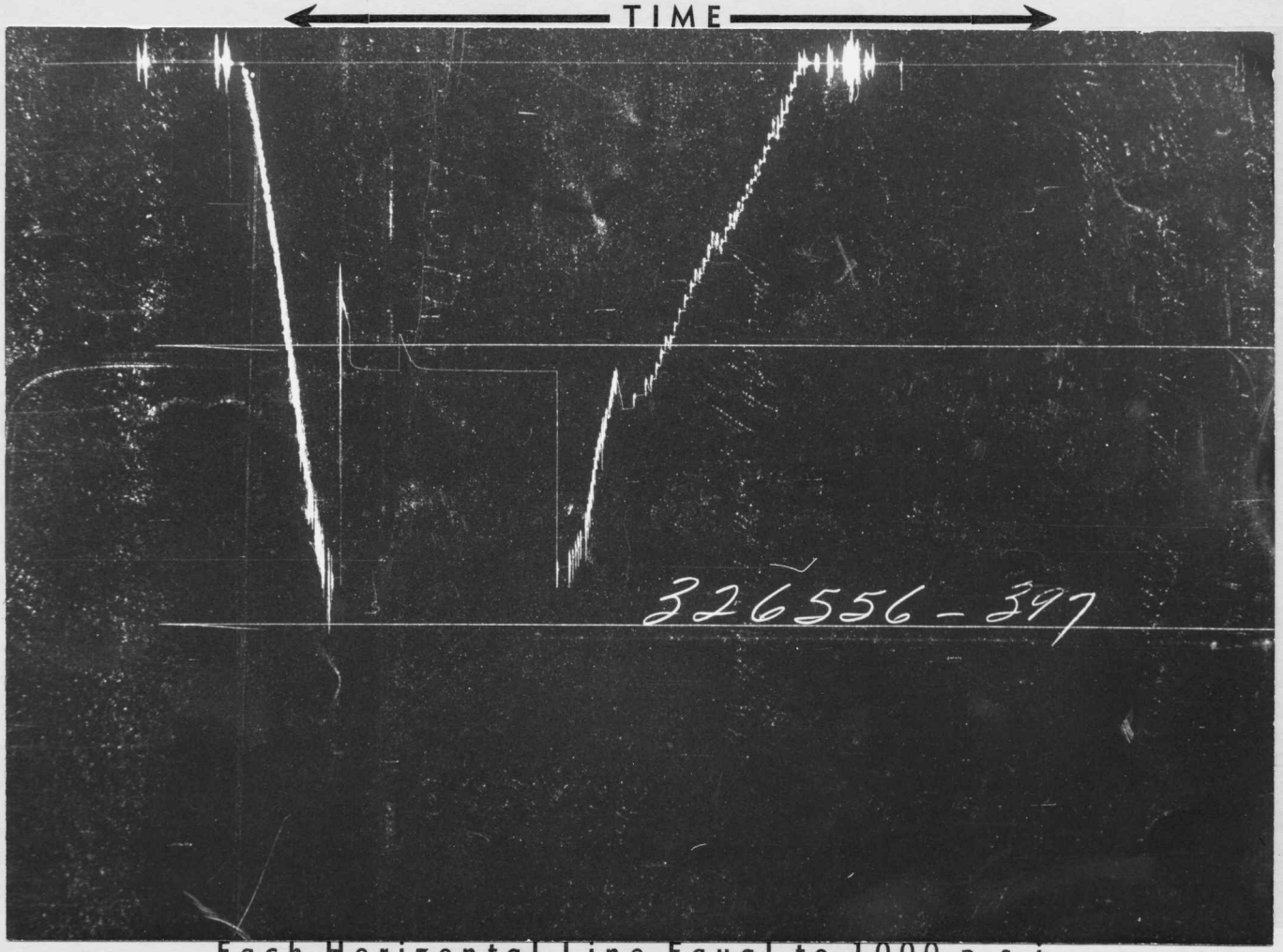
REMARKS: * Last interval equals 16 mins.

SPECIAL PRESSURE DATA



PRESSURE

TIME



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