	1st	Min.	2nd	Min.
Flow Time	15		30	
Closed In Press. Time	30		30	
Pressure Readings	Field		Office Corrected	
Depth Top Gauge	3740	Ft.	No	Blanked Off
BT. P.R.D. No.	231		12	Hour Clock
Initial Hydro Mud Pressure	2023		2020	
Initial Closed in Pres.	1380		1393	
Initial Flow Pres.	18	1	17	
	72	2	96	
Final Flow Pres.	72	1	89	
	190	2	216	
Final Closed in Pres.	1335		1329	
Final Hydro Mud Pressure	1996		2007	
Depth Cen. Gauge	3764	Ft.	Yes	Blanked Off
BT. P.R.D. No.	526		12	Hour Clock
Initial Hydro Mud Pres.	2030		2032	
Initial Closed in Pres.	1403		1399	
Initial Flow Pres.	26	1	27	
	88	2	110	
Final Flow Pres.	88	1	98	
	221	2	227	
Final Closed in Pres.	1332		1336	
Final Hydro Mud Pres.	2003		2031	
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	9-5-63	Ticket Number	407412 S
Kind of Job	OPEN HOLE	Halliburton District	PRATT
Tester	G. L. SHAUERS	Witness	JOHN HILL
Drilling Contractor	RED TIGER DRLG. CO.		
Elevation	1895' DF	Top Packer	3750'
Total Depth	3767'	Bottom Packer	3755'
Interval Tested	3755-3767'	Formation Tested	Douglas
Casing or Hole Size	8 3/4"	Casing Perfs. Top / Bot.	
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4 1/2" API FH	Drill Collars Above Tester (I.D. - LENGTH)	1320' Wt. pipe
Mud Weight	9.9	Mud Viscosity	38
Temperature °F Est. / °F Actual	110	Anchor Size & Length ID / OD	3.87 / 5" X 12
Depths Mea. From	DF	Depth of Tester Valve	3739' Ft.
Cushion (TYPE / AMOUNT)	none Ft.	Depth Back Pres. Valve	Ft.
Recovered	420 Feet of	Slightly muddy salt water	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity		Water Spec. Gravity	1.160
Gas Gravity		Surface Pressure	psi
Tool Opened	8:00 PM A.M. / P.M.	Tool Closed	9:15 PM A.M. / P.M.

Remarks: Tool opened with at 8:00 PM with a weak blow, increasing to goodl Closed tool at 8:15 for a 30 minute initial closed in pressure. Re-opened tool at 8:45 with a weak blow, increasing to good. Closed at 9:15 for a 30 minute final closed in pressure.

Legal Location Sec. - Twp. - Rng.: SW SW NW 21 29 12

Lease Name: JOHN DAUNER

Well No.: 1

Test No.: 1

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Field Area

County: PRATT

State: KANSAS

Owner's District

Meas. From Tester Valve

FORMATION TEST DATA

5

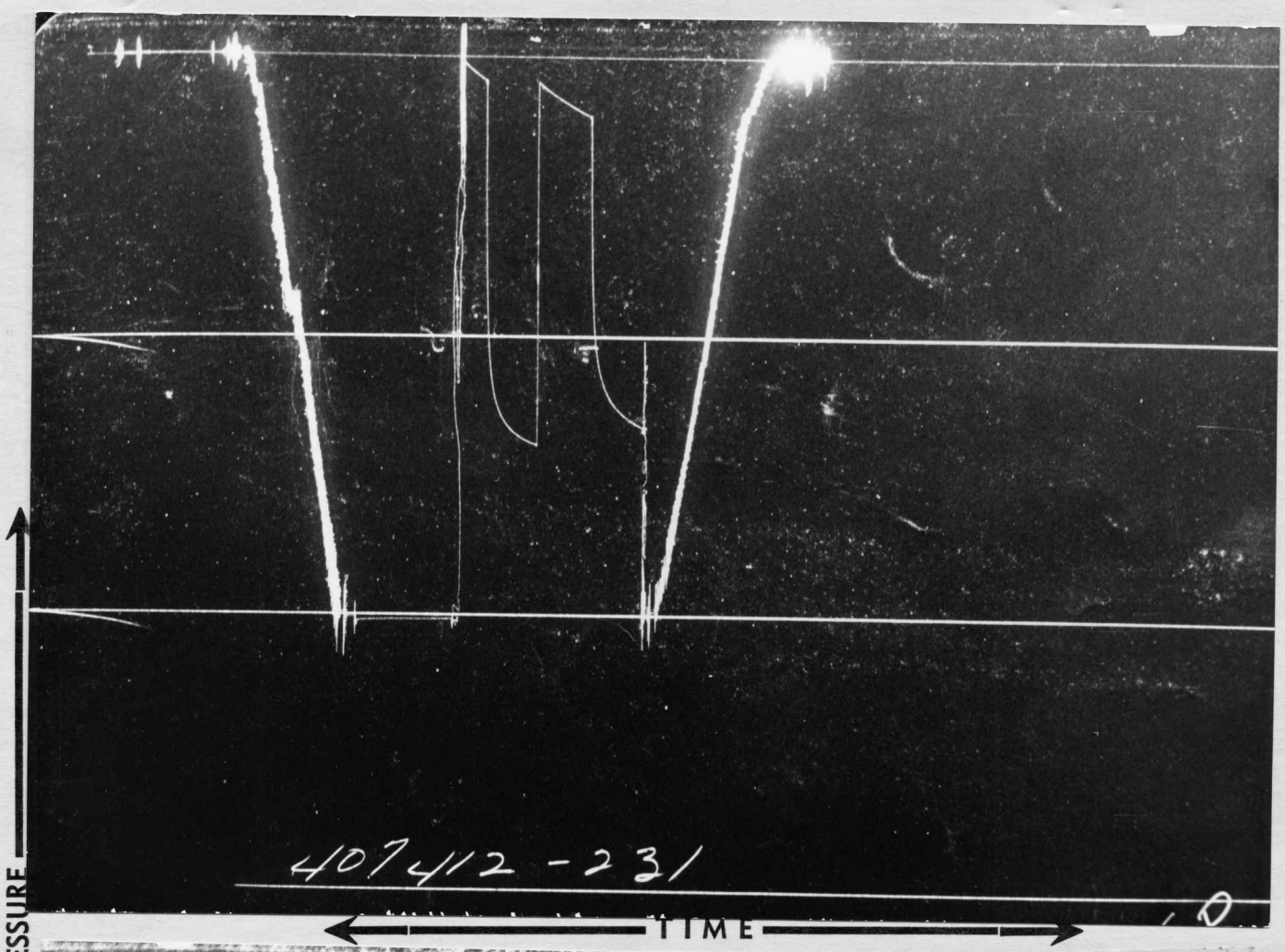
Gauge No. 231	Depth 3740	Clock 12 hour	Ticket No. 407412

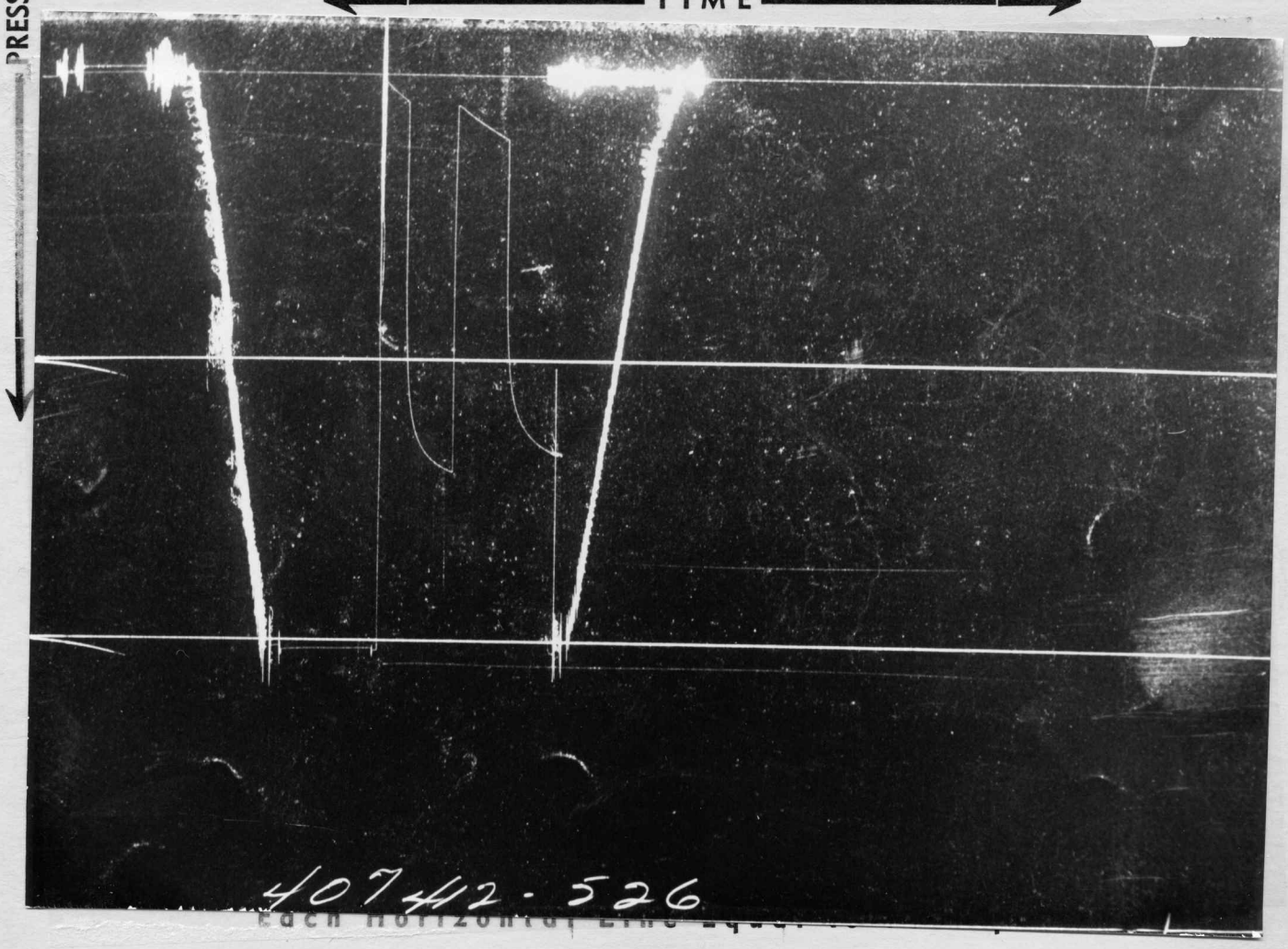
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P_0	.000	17	.000		89	.000	96	.000		216
P_1	.0198	31	.0223		998	.0424	124	.0228		960
P_2	.0396	47	.0446		1192	.0848	150	.0456		1118
P_3	.0594	62	.0669		1265	.1272	175	.0684		1187
P_4	.0792	75	.0892		1305	.1696	196	.0912		1229
P_5	.0990	89	.1115		1331	.2120	216	.1140		1256
P_6			.1338		1349			.1368		1276
P_7			.1561		1364			.1596		1293
P_8			.1784		1375			.1824		1307
P_9			.2007		1384			.2052		1319
P_{10}			.2230		1393			.2280		1329

Gauge No. 526			Depth 3764			Clock 12		hour		
P_0	.000	27	.000		98	.000	110	.000		227
P_1	.0192	38	.0198		994	.041	133	.0208		1052
P_2	.0384	55	.0396		1240	.082	159	.0416		1163
P_3	.0576	69	.0594		1292	.123	183	.0624		1209
P_4	.0768	82	.0792		1324	.164	205	.0832		1247
P_5	.0960	98	.0990		1346	.205	227	.1040		1271
P_6			.1188		1362			.1248		1289
P_7			.1386		1375			.1456		1304
P_8			.1584		1386			.1664		1316
P_9			.1782		1394			.1872		1327
P_{10}			.1980		1399			.2080		1336
Reading Interval		3	3			6		3		Minutes

REMARKS:

SPECIAL PRESSURE DATA


407412-231
PRESSURE
TIME
.0


407412-526

	1st Min.	2nd Min.
Flow Time	15	45
Closed In Press. Time	45	45
Pressure Readings	Field	Office Corrected
Depth Top Gauge	4326' Ft.	NO Blanked Off
BT. P.R.D. No.	533	12 Hour Clock
Initial Hydro Mud Pressure	2383	2385
Initial Closed in Pres.	104	117
Initial Flow Pres.	9 (1)	16
	9 (2)	17
Final Flow Pres.	9 (1)	19
	9 (2)	21
Final Closed in Pres.	47	65
Final Hydro Mud Pressure	2335	2365
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	4362' Ft.	YES Blanked Off
BT. P.R.D. No.	534	12 Hour Clock
Initial Hydro Mud Pres.	2416	2402
Initial Closed in Pres.	125	127
Initial Flow Pres.	19 (1)	34
	19 (2)	40
Final Flow Pres.	19 (1)	34
	19 (2)	37
Final Closed in Pres.	67	75
Final Hydro Mud Pres.	2366	2384

Date	9-10-63	Ticket Number	407414 - S
Kind of Job	OPEN HOLE	Halliburton District	PRATT
Tester	SHAUERS	Witness	DEULIN
Drilling Contractor	RED TIGER DRILLING COMPANY		
Elevation	1895' D.F.	Top Packer	4340'
Total Depth	4365'	Bottom Packer	4345'
Interval Tested	4345' - 4365'	Formation Tested	MISSISSIPPI
Casing or Hole Size	8 3/4"	Casing Top / Perfs. Bot.	- / -
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" API F.H.	Drill Collars Above Tester (I.D. - LENGTH)	2¼" - 60' D.C. 1320' WT. PIPE
Mud Weight	10.2	Mud Viscosity	42
Temperature	118 °F Est. / °F Actual	Anchor Size & Length (ID / OD)	3.87" / 5" X 20'
Depths Mea. From	DERRICK FLOOR	Depth of Tester Valve	4325' Ft.
Cushion (TYPE / AMOUNT)	NONE Ft.	Depth Back Pres. Valve	- Ft.
Recovered	30' 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	UNKNOWN psi
Tool Opened	9:52 AM A.M. P.M.	Tool Closed	11:37 A.M. P.M.

Remarks: Tool opened @ 9:52 AM for a 15 minute first flow with a good blow. Tool closed @ 10:07. Rotated tool for a 45 minute initial closed in pressure. Tool re-opened @ 10:52 with a good blow - decreasing to a weak blow at the end of the test. Tool closed @ 11:37. Took a 45 minute final closed in pressure. Off bottom @ 12:22.

Legal Location Sec. - Twp. - Rng.: SW-SW-NW - 21 - 29 - 12

Lease Name: JOHN DAUNER

Well No.: 1

Test No.: 2

Field Area: -

County: PRATT

State: KANSAS

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Owner's District

Meas. From Tester Valve

FORMATION TEST DATA

5

Gauge No. 533	Depth 4326	Clock 12 hour	Ticket No. 407414

	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	16	.000		19	.000	17	.000		21
P_1	.109	19	.0308		34	.309	21	.316		65
P_2			.0616		48					
P_3			.0924		60					
P_4			.1232		70					
P_5			.1540		80					
P_6			.1848		88					
P_7			.2156		97					
P_8			.2464		105					
P_9			.2772		111					
P_{10}			.3080		117					

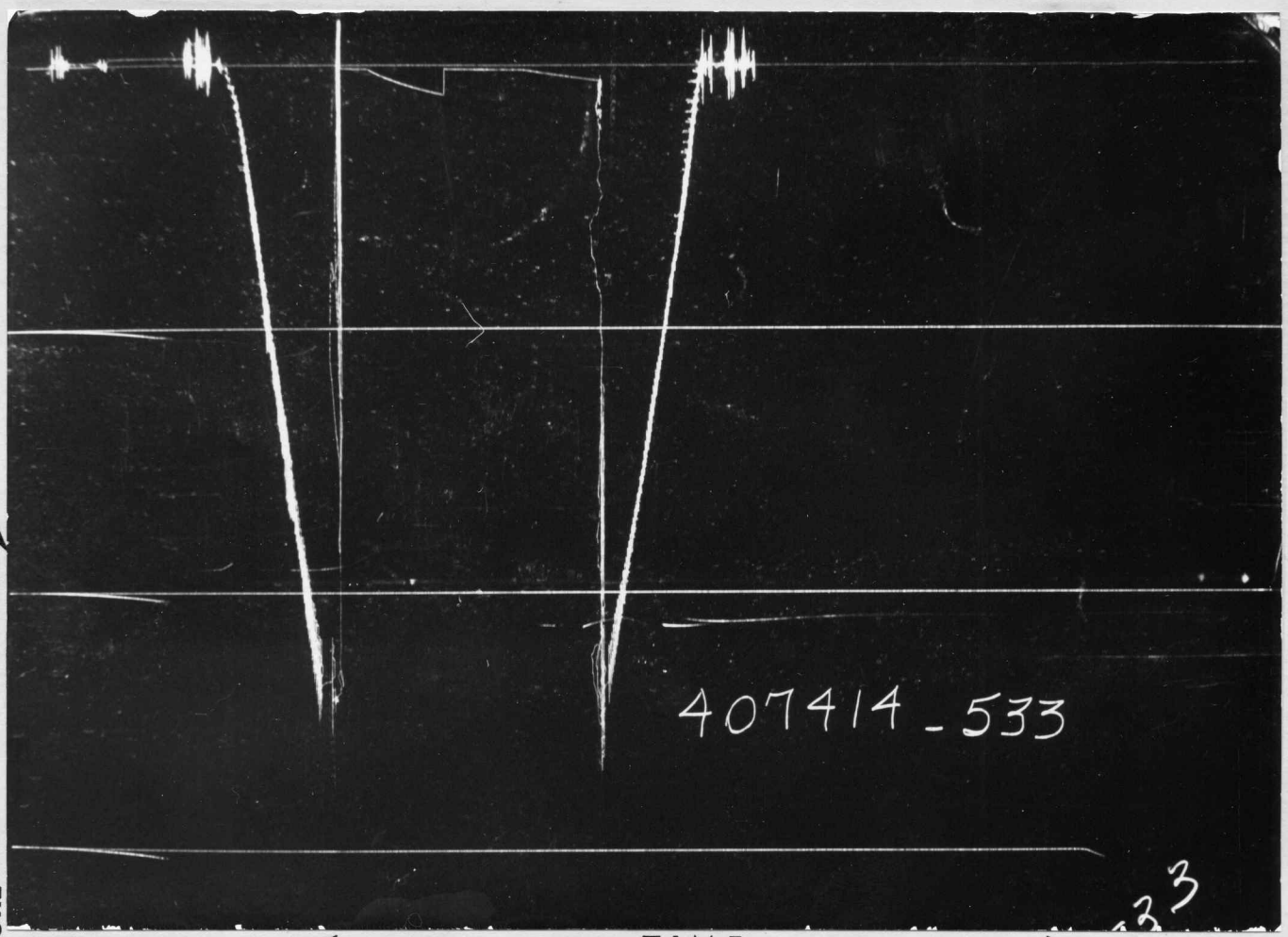
Gauge No. 534	Depth 4362	Clock 12 hour

P_0	.000	34	.000		34	.000	40	.000		37
P_1	.105	34	.0291		49	.304	37	.298		75
P_2			.0582		62					
P_3			.0873		73					
P_4			.1164		83					
P_5			.1455		92					
P_6			.1746		99					
P_7			.2037		107					
P_8			.2328		114					
P_9			.2619		121					
P_{10}			.2910		127					

Reading Interval 4.5 Minutes

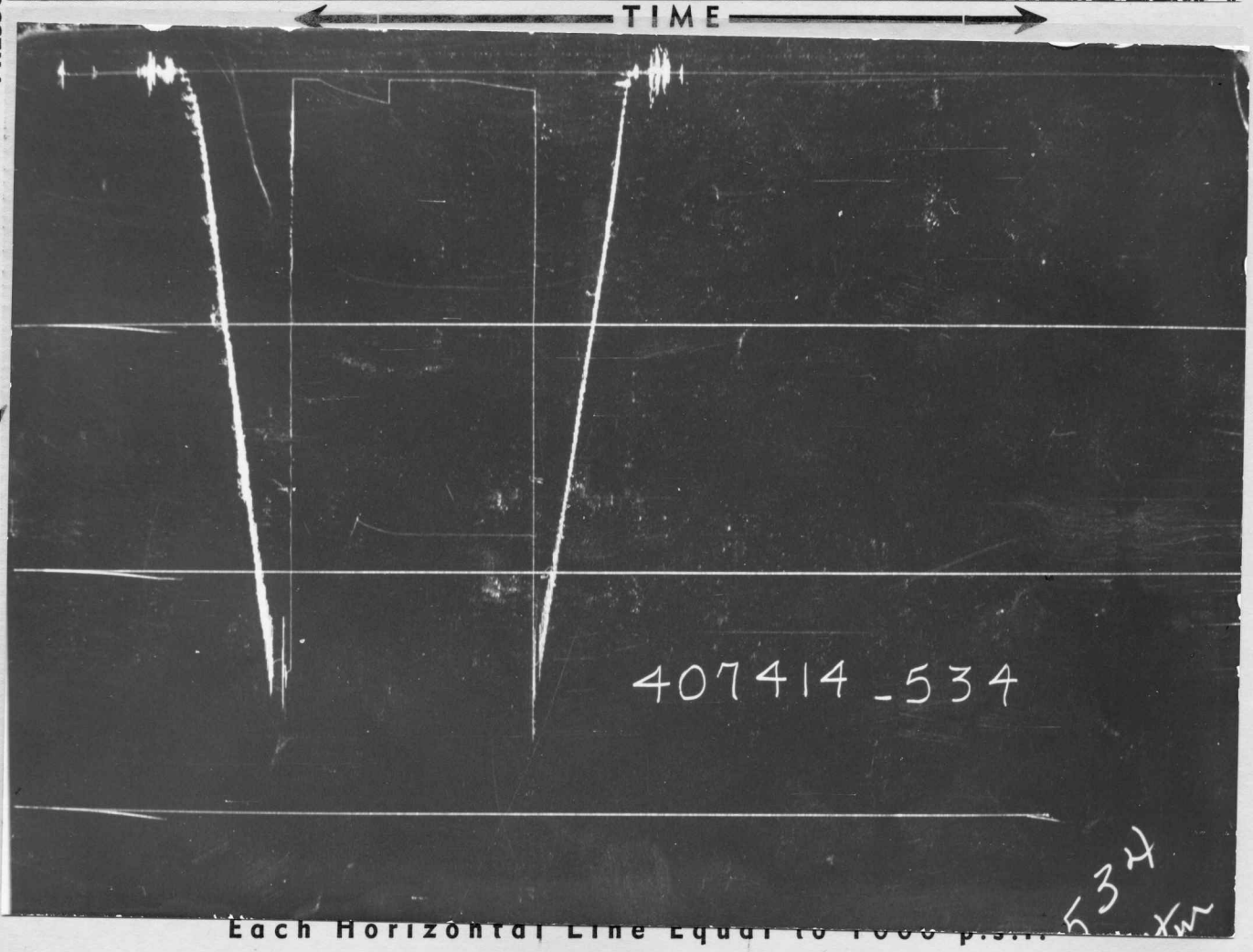
REMARKS:

SPECIAL PRESSURE DATA



PRESSURE

TIME



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

Flow Time	1st 15 Min.	2nd 45 Min.	Date	9-11-63	Ticket Number	407415	Legal Location Sec. - Twp. - Rng. SW SW NW 21-29-12
Closed In Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	Open Hole	Halliburton District	Pratt	Lease Name JOHN DAUNER
Pressure Readings	Field	Office Corrected	Tester	G.L. Shauers	Witness	Jim Devlin	Well No. 1
Depth Top Gauge	4438 Ft.	no Blanked Off	Drilling Contractor	Red Tiger Drlg Co.			Test No. 3
BT. P.R.D. No.	533	12 Hour Clock	Elevation	1895' DF	Top Packer	4454'	
Initial Hydro Mud Pressure	2487	2407	Total Depth	4475'	Bottom Packer	4459'	
Initial Closed in Pres.	9	16	Interval Tested	4459-4475'	Formation Tested	Viola	
Initial Flow Pres.	0 1	4	Casing or Hole Size	8 3/4"	Casing Perfs. Top / Bot.		
	0 2	4					
Final Flow Pres.	0 1	4	Surface Choke	1"	Bottom Choke	5/8"	
	4 2	4					
Final Closed in Pres.	4	8	Size & Kind Drill Pipe	4½" API FH	Drill Collars Above Tester	1320' wt. pipe 2¼" x 60'	
Final Hydro Mud Pressure	2456	2407	Mud Weight	10.2	Mud Viscosity	42	
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	°F Est. / 119 °F Actual	Anchor Size & Length	ID 3.87" OD 5" X 16'	Field Area WILDCAT
BT. P.R.D. No.		Hour Clock	Depths Mea. From	DF	Depth of Tester Valve	4439 Ft.	
Initial Hydro Mud Pres.			Cushion TYPE AMOUNT	Ft.	Depth Back Pres. Valve	Ft.	
Initial Closed in Pres.			Recovered	1 Feet of drlg mud			Mea. From Tester Valve
Initial Flow Pres.	1		Recovered	Feet of			
	2						
Final Flow Pres.	1		Recovered	Feet of			County PRATT
	2						
Final Closed in Pres.			Recovered	Feet of			
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity		
Depth Bot. Gauge	4472 Ft.	yes Blanked Off	Gas Gravity		Surface Pressure	psi	
BT. P.R.D. No.	534	12 Hour Clock	Tool Opened	2:06 A.M. P.M.	Tool Closed	3:36 A.M. P.M.	
Initial Hydro Mud Pres.	2497	2425	Remarks	Open tool 2:06 with a very weak blow.			
Initial Closed in Pres.	28	35		Closed 2:21 for 30 mins. Reopen tool 2:51			State KANSAS
Initial Flow Pres.	9 1	25		with no blow. Closed 3:36 for 30 mins.			
	9 2	25					
Final Flow Pres.	9 1	25		Off bottom 4:06.			
	9 2	25					
Final Closed in Pres.	19	26		No special reading adaptable.			
Final Hydro Mud Pres.	2466	2425					

Lease Owner/Company Name CONTINENTAL OIL COMPANY

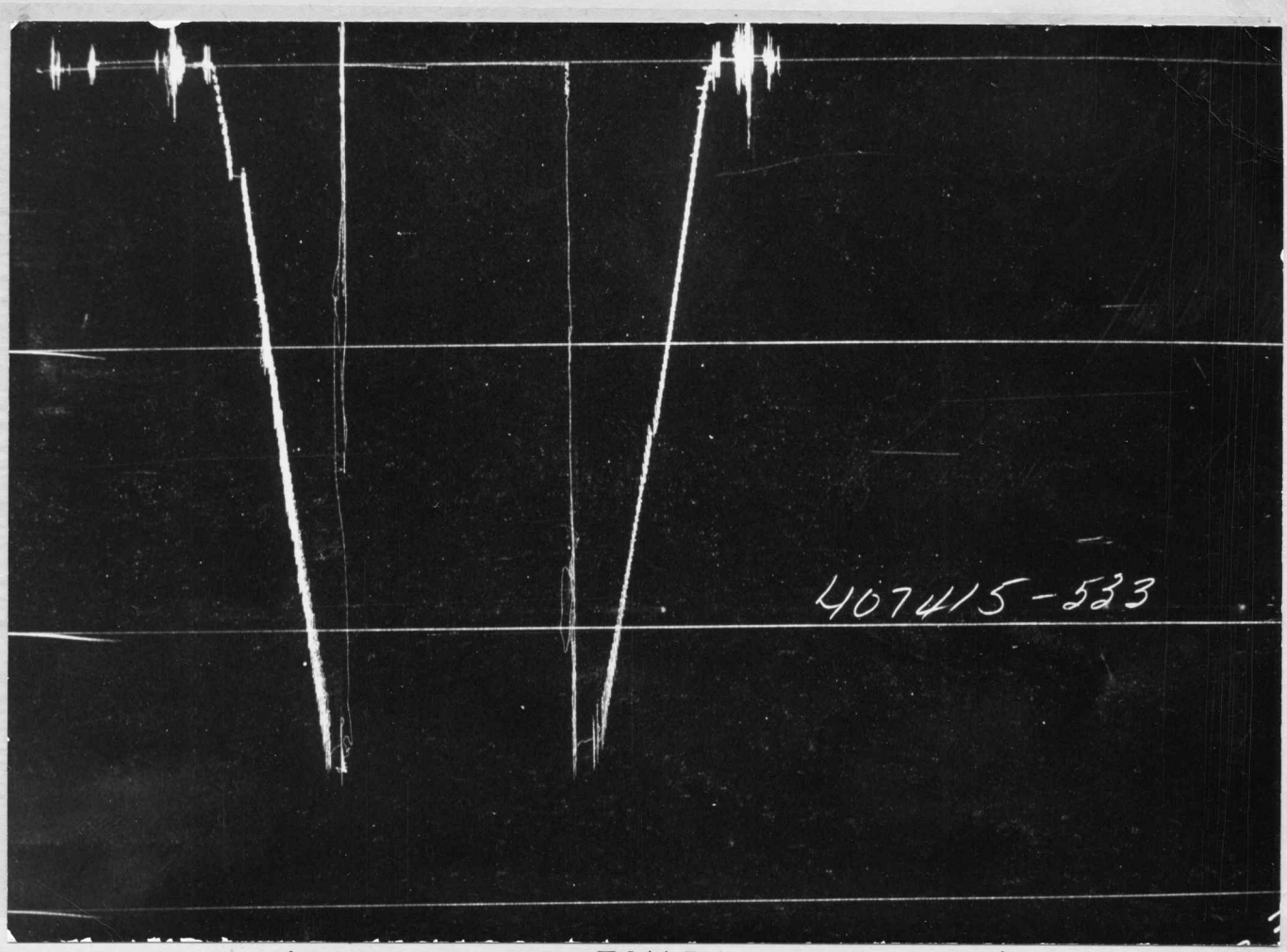
Owner's District KANSAS

FORMATION TEST DATA

5

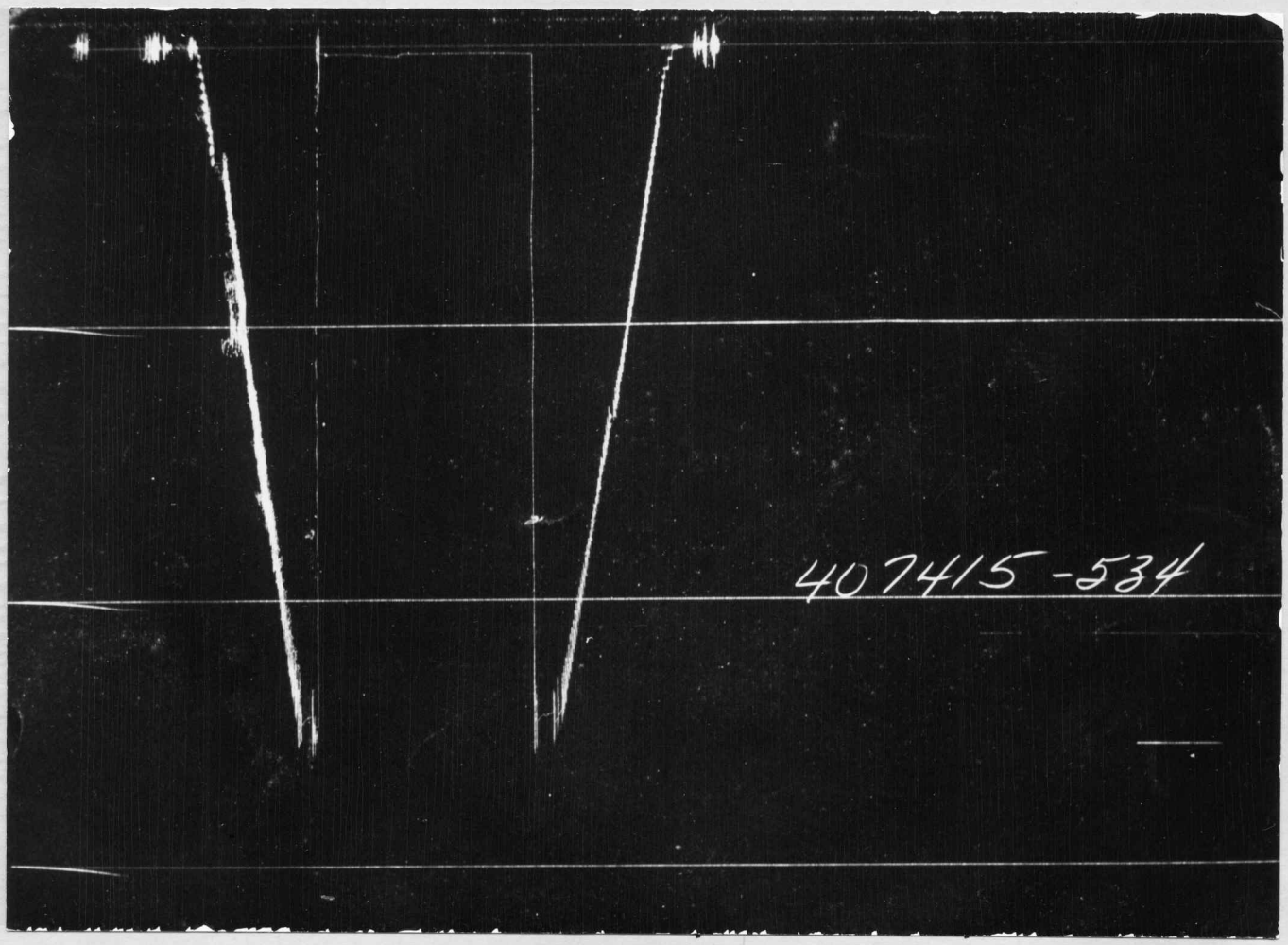
* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.

Form No. 1296-R2



PRESSURE

TIME



	1st Min.	2nd Min.
Flow Time	15	60
Closed In Press. Time	45	45
Pressure Readings	Field	Office Corrected
Depth Top Gauge	4563 Ft.	NO Blanked Off
BT. P.R.D. No.	533	12 Hour Clock
Initial Hydro Mud Pressure	2480	2467
Initial Closed in Pres.	±366	1365
Initial Flow Pres.	- 1	238
	911 2	986
Final Flow Pres.	- 1	961
	1356 2	1352
Final Closed in Pres.	1366	1368
Final Hydro Mud Pressure	2461	2467
Depth Cen. Gauge	4602 Ft.	YES Blanked Off
BT. P.R.D. No.	534	12 Hour Clock
Initial Hydro Mud Pres.	2547	2527
Initial Closed in Pres.	1383	1375
Initial Flow Pres.	- 1	307
	963 2	1004
Final Flow Pres.	- 1	964
	1373 2	1363
Final Closed in Pres.	1383	1377
Final Hydro Mud Pres.	2527	2527
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	9-13-63	Ticket Number	407416 S
Kind of Job	Open hole test	Halliburton District	Pratt
Tester	Mr. Shauers	Witness	Mr. Devlin
Drilling Contractor	Red Tiger Drilling Company		
Elevation	1895'	Top Packer	4587'
Total Depth	4605'	Bottom Packer	4592'
Interval Tested	4592'-4605'	Formation Tested	Simpson
Casing or Hole Size	8 3/4"	Casing Perfs. Top / Bot.	-
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½"	Drill Collars Above Tester (I.D. - LENGTH)	2¼" x 60'
Mud Weight	10.3	Mud Viscosity	46
Temperature	120 °F Est. / °F Actual	Anchor Size & Length (ID / OD)	3.87" / 5.00" X 13'
Depths Mea. From	Derrick Floor	Depth of Tester Valve	4562' Ft.
Cushion (TYPE / AMOUNT)	- Ft.	Depth Back Pres. Valve	- Ft.
Recovered	2900 Feet of	Saltwater	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	-	Water Spec. Gravity	1.080
Gas Gravity	-	Surface Pressure	- psi
Tool Opened	11:58 A.M. / P.M.	Tool Closed	1:58 A.M. / P.M.

Remarks: Opened tool for 15 minute 1st flow at 11:58 with strong blow. Closed tool at 12:13 for 45 minute initial closed in pressure. Reopened tool for 60 minute 2nd flow at 12:58 with strong blow. Closed tool at 1:58 for 45 minute final closed in pressure.

Legal Location Sec. - Twp. - Rng.: SEC. 21 - 29 - 12

Lease Name: JOHN DAUNER

Well No.: 1

Test No.: 4

Field Area: WILDCAT

County: PRATT

State: KANSAS

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Owner's District: KANSAS

Mea. From Tester Valve

FORMATION TEST DATA

5

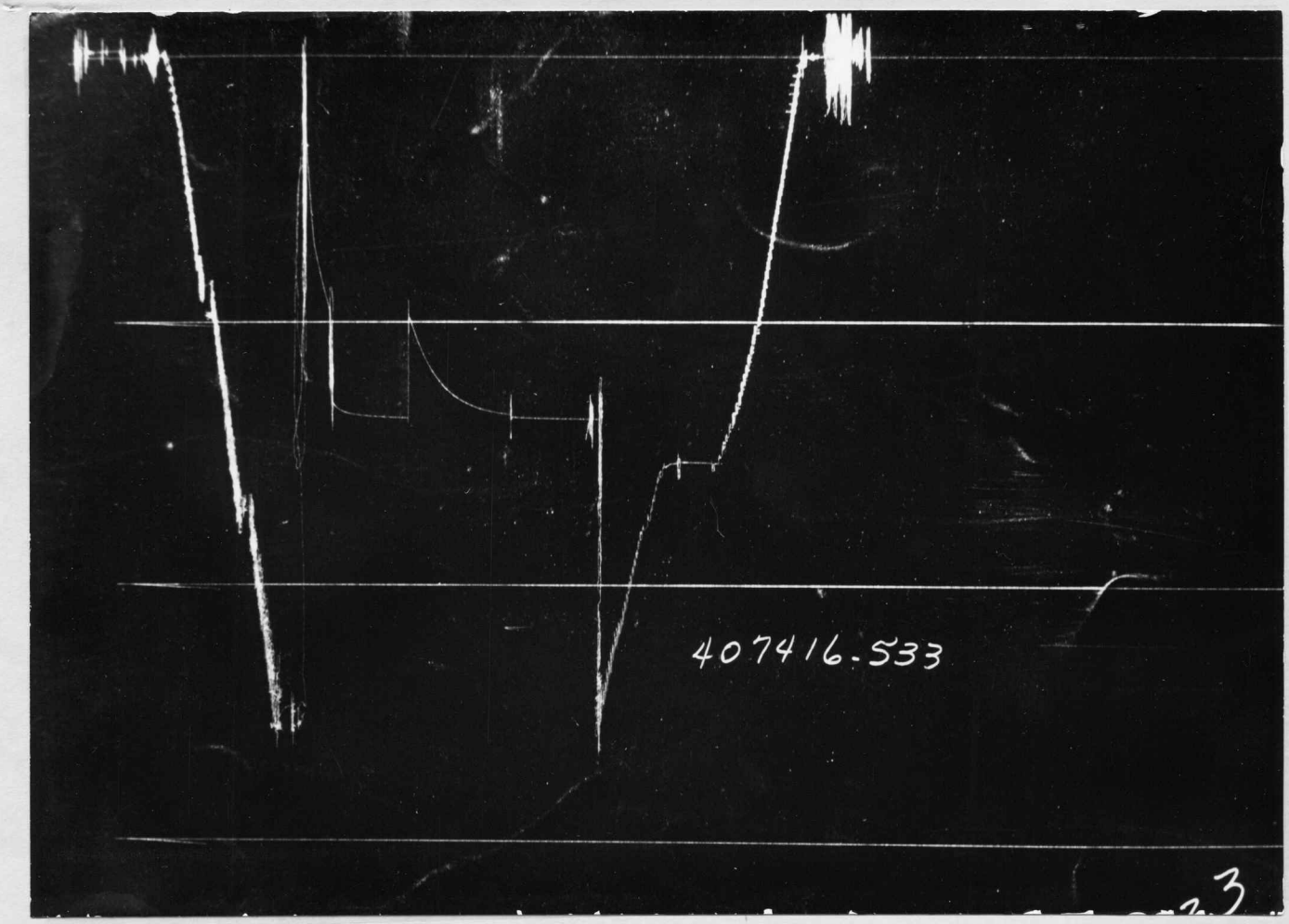
Gauge No.	533	Depth	4563'	Clock	12 hour	Ticket No.	407416

	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	238	.000		961	.000	986	.000		1352
P_1	/0204	499	/0317		1328	.103	1199	.319		1368
P_2	.0408	720	.0634		1344	.206	1295			
P_3	.0612	810	.0951		1351	.309	1336			
P_4	.0816	887	.1268		1356	.412	1352			
P_5	.1020	961	.1585		1358					
P_6			.1902		1361					
P_7			/2219		1362					
P_8			.2536		1363					
P_9			.2853		1364					
P_{10}			.3170		1365					

Gauge No.	534		Depth	4602'		Clock	12 hour			
P_0	.000	307	.000		964	.000	1004	.000		1363
P_1	.018	526	.0306		1338	.099	1208	/307		1377
P_2	.036	742	.0612		1355	.198	1304			
P_3	.054	827	.0918		1362	.297	1345			
P_4	.072	903	.1224		1366	.396	1363			
P_5	.090	964	.1530		1369					
P_6			.1836		1371=					
P_7			.2142		1373					
P_8			.2448		1374					
P_9			.2754		1375					
P_{10}			.3060		1375					
Reading Interval	3			4.5			15			Minutes

REMARKS:

SPECIAL PRESSURE DATA


407416.533
PRESSURE
TIME
407416.534
Each Horizontal Line Equal to 1000 p.s.i.