

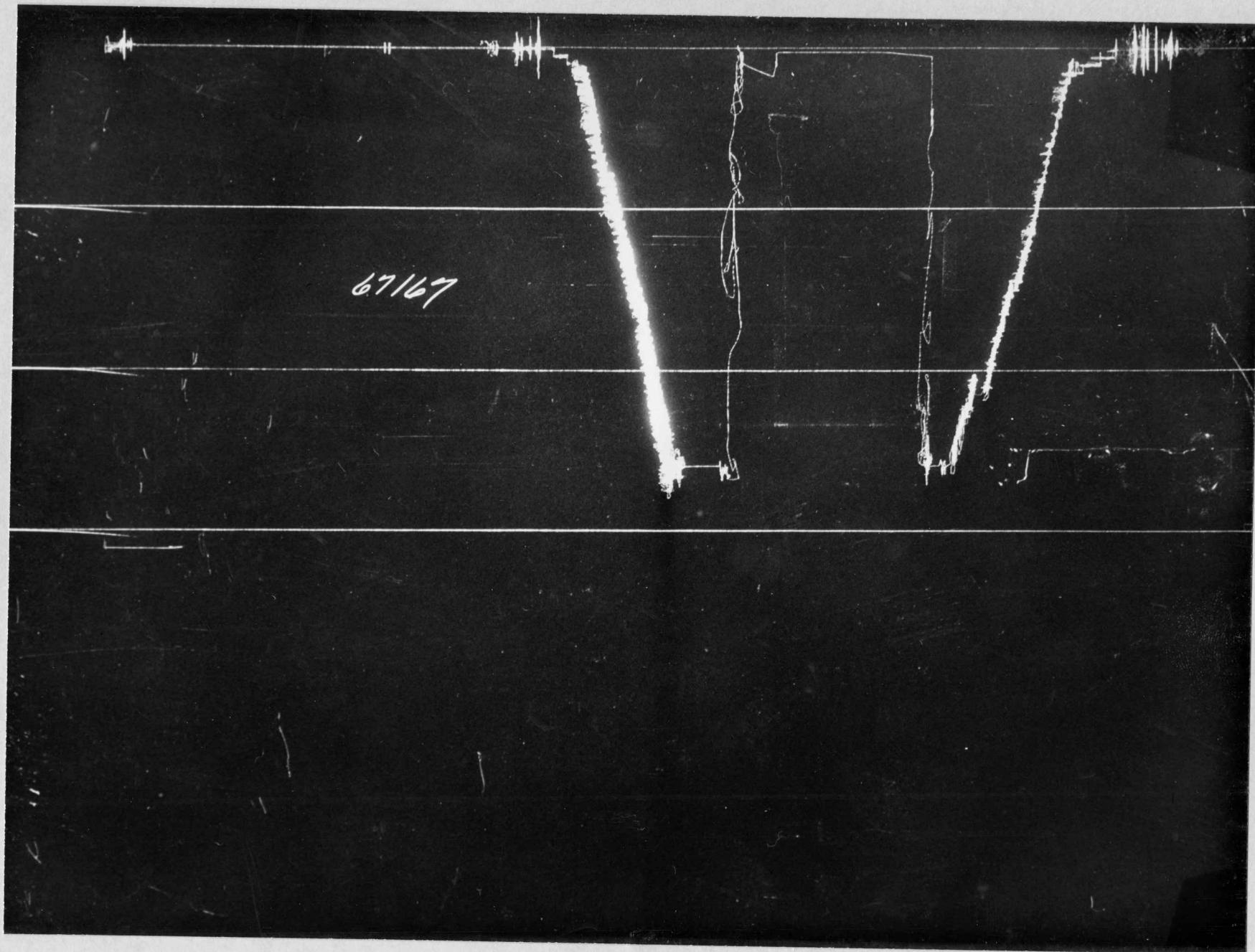
MATHIS		1	1	GULF OIL CORPORATION		PRATT		
LEASE		WELL NO.	TEST NO.	COMPANY		DISTRICT		
LOCATION	27-29-18	 OIL WELL CEMENTING CO.			Date	3-19-57		
FIELD	Nichols				Ticket No.	67167		
COUNTY	Kiowa				HOWCO DISTRICT	Pratt		
STATE	Kansas	HOLE & TOOL DATA			Kind of Job	Open Hole		
CONTRACTOR	Falcon Seaboard	Total Depth	4935'	Casing Perforations	Top Bottom	Price	\$226.00	
MUD DATA		Top Packer Depth	4915'	Bottom Packer Depth		Second Packer Assembly		
Kind	Starch	Casing or Hole Size	7 7/8"	Liner or Rathole Size	7 7/8"	Safety Joint		
Weight	9.75 lbs.-gal.	Formation Tested	Mississippi			Extra Folder Charge		
Viscosity	41 Sec.	Size Drill Pipe	4 1/2"	Size Drill Collars	6"	Jars	\$100.00	
Filter Loss	11 c. c. Filter Cake 1/32 in.	Size Bottom Choke	3/4"	Size Surface Choke	1"			
Est. Gauge Depth Temp.	Actual 113° F°	Size Hook Wall Packer		Size Rings				
Time Tool Opened	1 Hour	Size & Type Wall Packer	6 3/4" ESWP.	No. Packers	1	Total	\$326.00	
Time Closed In.	20 Minutes Initial 30 Minutes Final	Size & Length Anchor	5" x 20'			Witnessed By	Paul Miller	
Depth BT. Gauge	4906'	PRD Device No.	-	Depth	-	Blanked Off	-	
BT. P.R.D. No.	536	Blanked Off	No	REMARKS:			Tester	C.W.Foster
12 Hr. Clock No.	3004	Set packer, opened tool and took a 20 Minute Initial closed in pressure						
Pressure Readings		Tool opened with a weak blow decreaing throughout test. Recovered 20'						
Field		Office Corrected						
Initial Hydro Mud Pressure	2589	2632 p.s.i.						
Initial Flow Pres.	17	33 p.s.i.						
Final Flow Pres.	31	26 p.s.i.						
Closed in Pres.	195 Initial 80 Final	172 56 p.s.i.						
Final Hydro Mud Pressure	2589	2632 p.s.i.						
Amount of Cushion		None		All depths measured from		Rotary Table	No. Folders Reproduced	5

TIME

PRESSURE

67167

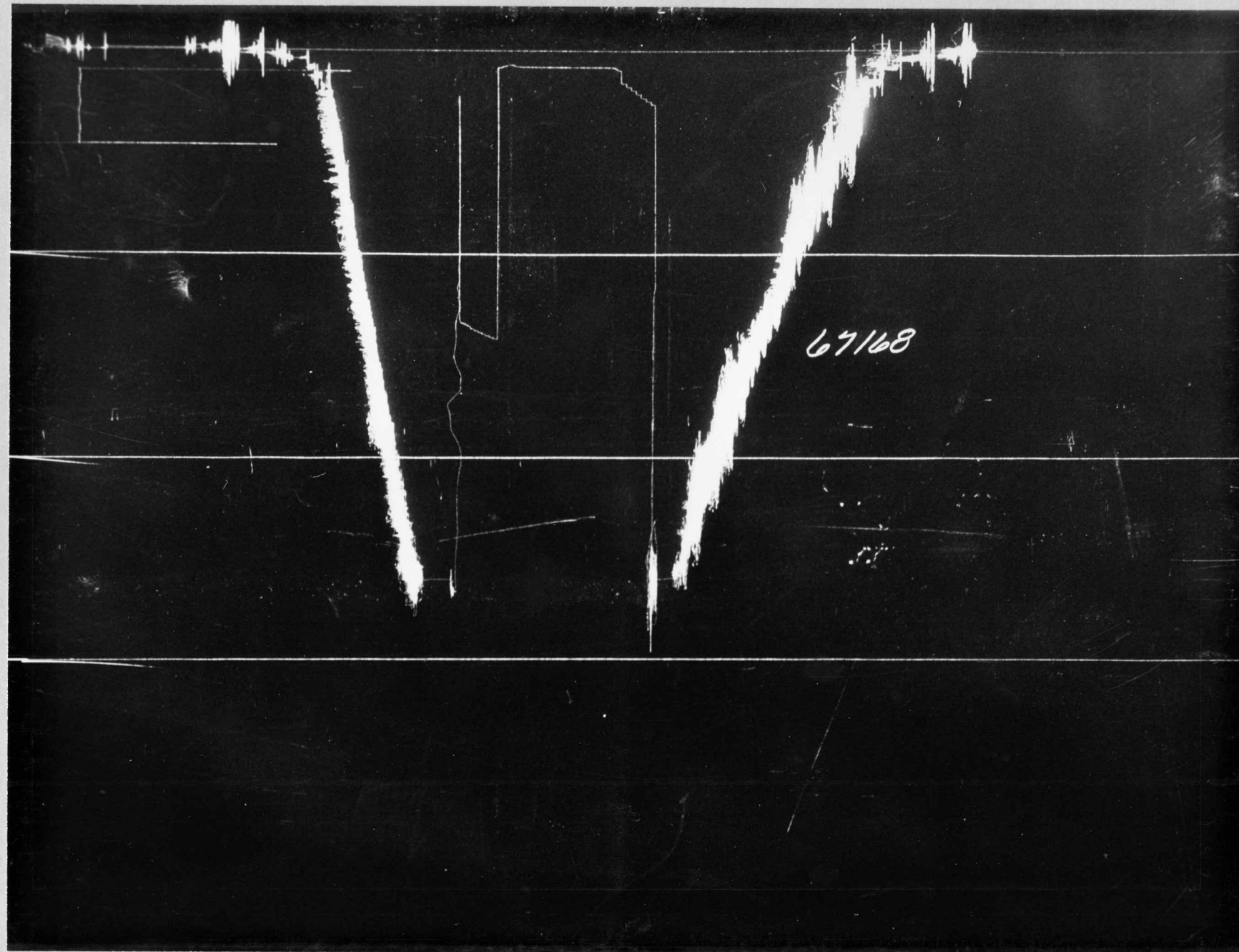
Each Horizontal Line Equal to 1000 p.s.i.



LEASE		WELL NO.	TEST NO.	COMPANY	DISTRICT		
LOCATION	27-29-18	 OIL WELL CEMENTING CO.			Date	3-19-57	
FIELD	Nichols				Ticket No.	67168	
COUNTY	Kiowa				HOWCO DISTRICT	Pratt	
STATE	Kansas	HOLE & TOOL DATA			Kind of Job	Open Hole	
CONTRACTOR	Falcon Seaboard	Total Depth	4935'	Casing Perforations	Top Bottom	Price	\$226.00
MUD DATA		Top Packer Depth	4873'	Bottom Packer Depth	Second Packer Assembly		
Kind	Starch	Casing or Hole Size	7 7/8"	Liner or Rathole Size	7 7/8"	Safety Joint	
Weight	9.75 lbs.-gal.	Formation Tested	Mississippi			Extra Folder Charge	
Viscosity	41 Sec.	Size Drill Pipe	4 1/2"	Size Drill Collars	6"	Jars	\$100.00
Filter Loss	11 c. c. Filter Cake 1/32 in.	Size Bottom Choke	3/4"	Size Surface Choke	1"		
Est. Gauge Depth Temp.	Actual 117° F°	Size Hook Wall Packer		Size Rings	No. Rings		
Time Tool Opened	1 Hour	Size & Type Wall Packer	6 3/4" ESWP.	No. Packers	1	Total	\$326.00
Time Closed In.	20 Minutes Initial 30 Minutes Final	Size & Length Anchor	5" x 62'	Witnessed By			Paul Miller
Depth BT. Gauge	4931'	PRD Device No.	-	Depth	-	Blanked Off	-
BT. P.R.D. No.	311	Blanked Off	Yes	REMARKS:			
12 Hr. Clock No.		2798		Set packer, opened tool and took a 20 Minute Initial closed in pressure			
Pressure Readings		Field		Office Corrected		Tool opened with a good blow decreasing throughout test. Gas to the	
Initial Hydro Mud Pressure	2600	2604 p.s.i.		surface in 4 Minutes, (approximate gas 8 Minutes 160,000, 15 Minutes			
Initial Flow Pres.	70	86 p.s.i.		strong blow.) Too weak to measure. Recovered 135' of slightly gas cut			
Final Flow Pres.	82	96 p.s.i.		mud.			
Closed in Pres.		1420 Initial 1414 276 Final 262 p.s.i.					
Final Hydro Mud Pressure	2600	2601 p.s.i.		Amount of Cushion	None	All depths measured from	Rotary Table
				No. Folders Reproduced	5		

TIME

PRESSURE



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

Company GULF OIL CORPORATION

Date 3-19-57

Lease MATHIS

Well No. 1

Ticket No. 67168

Test No. 2

	Time	PSI
Initial Hydro Mud Pressure		2604
Initial Closed In Pressure	20 Minutes	1414
Initial Flow		86
Final Flow	60 Minutes	98
Final Closed In Pressure	30 Minutes	262
Final Hydro Mud Pressure		2601

Total Depth 4935'

Packer Depth 4873'

BT No. 311 Depth 4931'

12 Hr. Clock No. 2798

Temperature Corrected to 0 Actual 117 ° F.

	Initial CIP			Flow Pressure			Final CIP		
	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.
PO	.000	.167	226	.000	.064	86			
P1	.014	.993	1334	.1155	.059	80			
P2	.028	.999	1342	.231	.060	81			
P3	.042	1.007	1353	.3465	.060	81			
P4	.056	1.017	1366	.462	.071	96			
P5	.070	1.023	1374						
P6	.084	1.029	1382						
P7	.098	1.036	1391						
P8	.112	1.042	1399						
P9	.126	1.047	1406						
P10	.140	1.053	1414						
	2 Minute Intervals			15 Minute Intervals			Minute Intervals		

Remarks:

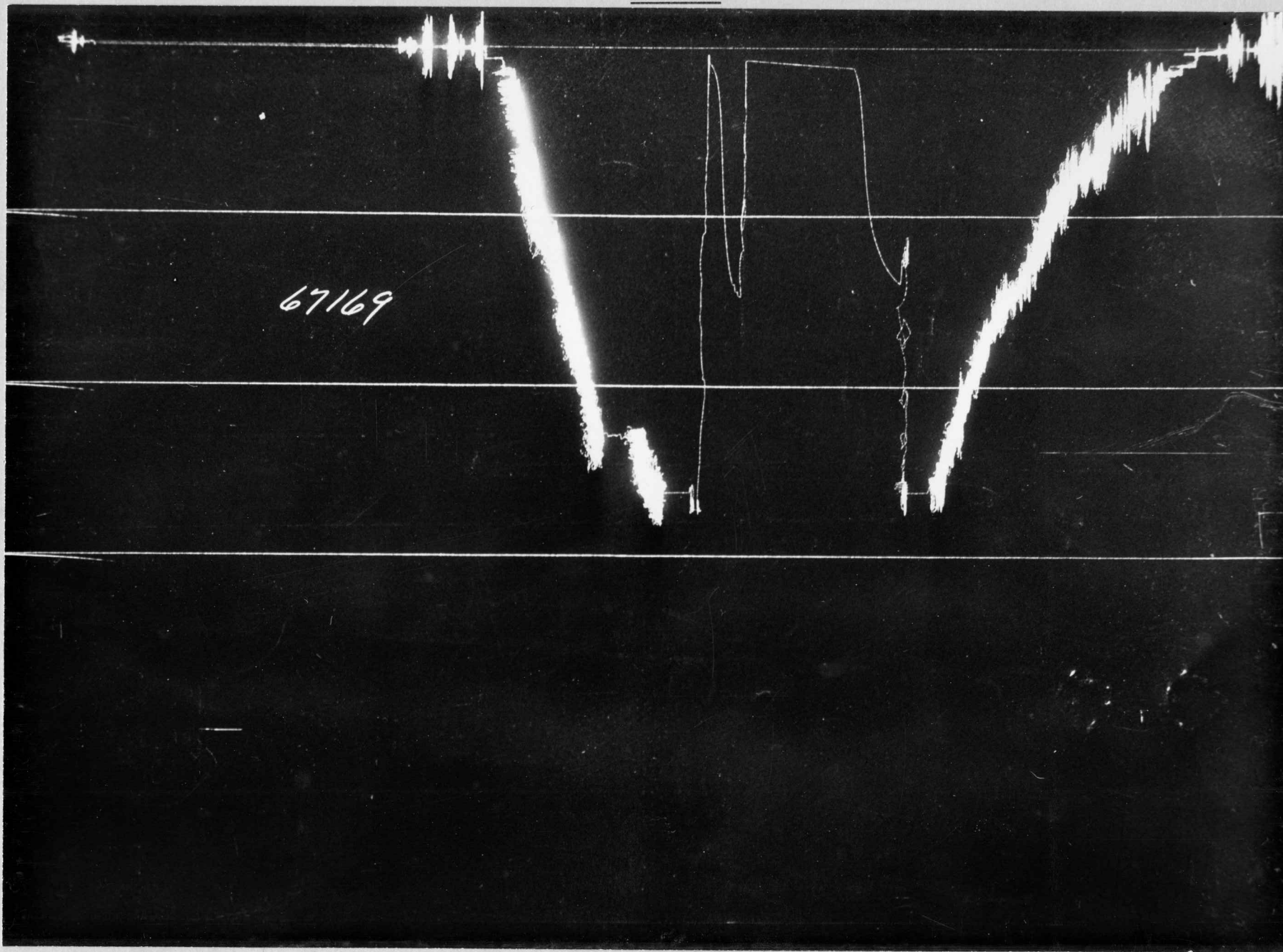
LEASE		WELL NO.	TEST NO.	COMPANY		DISTRICT	
LOCATION	27-29-18	 OIL WELL CEMENTING CO.				Date	3-20-57
FIELD	Nichols					Ticket No.	67169
COUNTY	Kiowa					HOWCO DISTRICT	Pratt
STATE	Kansas	HOLE & TOOL DATA				Kind of Job	Open Hole
CONTRACTOR	Falcon Seaboard	Total Depth	4990'	Casing Perforations	Top Bottom	Price	\$226.00
MUD DATA		Top Packer Depth	4933'	Bottom Packer Depth		Second Packer Assembly	
Kind	Starch	Casing or Hole Size	7 7/8"	Liner or Rathole Size	7 7/8"	Safety Joint	
Weight	9.8 lbs.-gal.	Formation Tested	Mississippi			Extra Folder Charge	
Viscosity	39 Sec.	Size Drill Pipe	4 1/2"	Size Drill Collars	6"	Jars	\$100.00
Filter Loss	9.8 c. c. Filter Cake 2/32 in.	Size Bottom Choke	3/4"	Size Surface Choke	1"		
Est. Gauge Depth Temp.	Actual 117° F°	Size Hook Wall Packer		Size Rings		No. Rings	
Time Tool Opened	1 Hour	Size & Type Wall Packer	6 3/4" ESWP.	No. Packers	1	Total	\$326.00
Time Closed In.	20 Minutes Initial 30 Minutes Final	Size & Length Anchor	5" x 57'			Witnessed By	Paul Miller
Depth BT. Gauge	4986'	PRD Device No.	-	Depth	-	Blanked Off	-
BT. P.R.D. No.	536	Blanked Off	Yes	REMARKS:			
12 Hr. Clock No.		3004		Set packer, opened tool and took a 20 Minute Initial closed in pressure.			
				Tool opened with a weak blow throughout test. Recovered 144' of drill-			
				ing mud.			
Pressure Readings	Field	Office Corrected					
Initial Hydro Mud Pressure	2610	2624 p.s.i.					
Initial Flow Pres.	65	83 p.s.i.					
Final Flow Pres.	130	121 p.s.i.					
Closed in Pres.	1464 Initial 1385 Final	1470 1394 p.s.i.					
Final Hydro Mud Pressure	2610	2624 p.s.i.	Amount of Cushion	None	All depths measured from	Rotary Table	No. Folders Reproduced
							5

TIME

67169

PRESSURE

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



Company GULF OIL CORPORATIONDate 3-20-57Lease MATHISWell No. 1Ticket No. 67169Test No. 3Total Depth 4990'Packer Depth 4933'BT No. 536 Depth 4986'12 Hr. Clock No. 3004Temperature
Corrected to Actual 117 ° F.

	Time	PSI
Initial Hydro Mud Pressure		2624
Initial Closed In Pressure	20 Minutes	1470
Initial Flow		83
Final Flow	60 Minutes	121
Final Closed In Pressure	30 Minutes	1398
Final Hydro Mud Pressure		2624

	Initial CIP			Flow Pressure			Final CIP		
	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.
PO	.000	.026	42	.000	.051	83	.000	.074	121
P1	.013	.068	111	.1015	.053	87	.0185	.132	216
P2	.026	.096	157	.203	.061	100	.037	.299	489
P3	.039	.166	271	.3045	.068	111	.0555	.510	833
P4	.052	.317	518	.406	.074	121	.074	.635	1029
P5	.065	.587	959				.0925	.707	1145
P6	.078	.728	1178				.111	.759	1228
P7	.091	.820	1326				.1295	.796	1288
P8	.104	.865	1400				.148	.822	1330
P9	.117	.892	1442				.1665	.843	1363
P10	.130	.909	1470				.185	.862	1394
	2 Minute Intervals			15 Minute Intervals			3 Minute Intervals		

Remarks: