7/11-2
7255

Well Name	Phillips 7-11-2X		Test No. 1
Well Number	7-11-2X		Zone Tested I
Company	Phillips Petroleum Co.		Interval 10,388 - 10,474.5
Comp. Rep.	Mr. J.Fetters	Tester D.Williams	Date Sept. 26, 1968

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B. J. SERVICE N. V.
THE HAGUE HOLLAND

BJ — BORG WARNER

TESTING REPORT

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DRILL-STEM TEST DATA

Well Name	Phillips 7-11-2X		Test No. 1
Well Number	7-11-2X		Zone Tested I
Company	Phillips Petroleum Co.		Interval 10,388 - 10,474.5
Comp. Rep.	Mr. J.Fetters	Tester D.Williams	Date Sept. 26, 1968

Type of Test Casing Hook Wall R F S Tool No.

Preflow 10 mins. ISI 203 mins. Flow 700 mins. FSI 435 mins.

Specify Inside or Outside	REC. No. 2758 RANGE 72 HR. CLOCK	REC. No. 2759 RANGE 72 HR. CLOCK	REC. No. Leutert RANGE 180 HR. CLOCK
DEPTH	10,454	10,460	10,429
Initial Hydro Mud Press	7044	7052	
Initial Shut-In Press			Data given by
Initial Flow Press			Baker Oil Tools
Final Flow Press			
Final Shut-In Press	Clock stopped		
Final Hydro Mud Press	7044	7052	

Mud Drop Fluid Loss 4.0 Mud Weight 12.9

Viscosity 62 Temperature °F 262°F Net Pay Tested 59'

Top Packer Depth 10,359' Bottom Packer Depth Total Depth 10,487'

Tubing Size 3½" EUE Wt. 9.3 Drill Collar I.D. 2½" Ft. Run 279

Surface Choke Size 1" Bottom Choke Size 2" ID Bumper Sub Main Hole Size 9 5/8" x47 Casing

Anchor Size 3½" EUE Tubing Rat Hole Size Feet of Rat Hole

Cushion Amount 10,359' Diesel oil Type 6.7 per gal. Rubber Size 7 15/16"

Fluid Recovery Total Feet 10,359'

Recovered 7714 Feet of Diesel oil 6.7 # per gal.

Recovered 2645 Feet of Muddy water

Recovered Feet of

Recovered Feet of

Recovered Feet of

Gas Recovery How Measured Riser size:

mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day
mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day
mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day
mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day
mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day
mins.	Temp. °F	Press Rdg. psi	Orifice Size	=	MCF/Day

Bleed Off Time for Drill Pipe

REMARKS Recovery during initial flow - 3 Bbls total @ 1/3 bpm rate, and 0 psi flowing surface pressure. Recovery during final flow - 20 Bbls total with initial flow rate of 2 bph and final rate of 0.25 bph. 0 psi flowing surface pressure.

A Core Lab Gas Cont. No. Chem - Geo. Lab Gas Cont. No

Test # 1

BAKER TEST HEAD.

Hydril Valve	2.00
10 Joints + 6' + 8' Pup Tubing	321.75
CO Subs	.20
Otis Test Free + Hanger	24.25
104 - Stds., - Double + 10' Nipple	9700.24
CO Subs	1.05
P.B. Bumper Sub (closed)	22.36
CO Subs	.85
9 - Drill Collars	278.97
CO Subs	2.18
CO Subs + Tubing Tester	3.10
Baker Packer	6.80
1 Joint 3½" Tubing	31.25
1 Joint Perf. Tubing	31.24
Baker Hanger Sub (Leutert Rec.)	.88
Joint 3½" Tubing	30.87
CO Subs	1.64
Recorder Hanger Sub (# 2758) Depth 10,454	1.00
Recorder Case	4.00
Recorder Hanger Sub (# 2759) Depth 10,460	1.00
Perf. Sub	1.00
Recorder Case	4.00
Bull Nose	2.50

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BORG WARNER

TESTING REPORT

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DST PRESSURE INCREMENTS

Recorder No. 2758 Depth 10,454

Points		INITIAL CIP				FINAL CIP		
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	A			7314				
2	B			3910				
3	C			3956				
4	D			5876				
5	E			3980				
6	F			4340				
7								
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BJ HUGHES WARNER

TESTING REPORT

5 mins DST **PRESSURE INCREMENTS** of bleed off

Points A-B

Recorder No. 2759 Depth 10,460

Points		INITIAL CIP				FINAL CIP		
	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG	Time Defl. "	T+Θ	$\frac{T+\Theta}{\Theta}$	PSIG
1	0		A	7346				
2	5			6338				
3	10			5735				
4	15			4577				
5	20		B	3908				
6								
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TESTING REPORT

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5 mins. **DST PRESSURE INCREMENTS** of preflow

Points B-C

Recorder No. 2759 Depth 10,460

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		B	3908				
2	5			3938				
3	10		C	3957				
4								
5								
6								
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BJ BORG WARNER

TESTING REPORT

5 mins. **DST PRESSURE INCREMENTS** of initial Shut-In

Recorder No. 2759 Depth 10,460 Points C-D

Points		XXXXXXXX				XXXXXXXX		
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		C	3957	120			5748
2	5			4417	125			5775
3	10			5066	130			5778
4	15			5072	135			5781
5	20			5074	140			5781
6	25			5330	145			5811
7	30			5341	150			5814
8	35			5344	155			5814
9	40			5346	160			5825
10	45			5478	165			5835
11	50			5484	170			5837
12	55			5487	175			5840
13	60			5557	180			5856
14	65			5562	185			5861
15	70			5564	190			5864
16	75			5629	194		D	5866
17	80			5632				
18	85			5632				
19	90			5632				
20	95			5707				
21	100			5710				
22	105			5710				
23	110			5743				
24	115			5748				

BJ BORG WARNER

TESTING REPORT

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5 mins. DST PRESSURE INCREMENTS of bleed off

Points D-E

Recorder No. 2759 Depth 10,460

Points		INITIAL CIP				FINAL CIP		
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		D	5866				
2	5			5724				
3	10			5513				
4	15			4497				
5	19		E	3976				
6								
7								
8								
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24								

BJ BORG WARNER

TESTING REPORT

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5 mins. DST PRESSURE INCREMENTS of flow

Points E-F

Recorder No. 2759 Depth 10,460

Points								
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		E	3976	120			4100
2	5			4015	125			4102
3	10			4018	130			4102
4	15			4020	135			4105
5	20			4023	140			4105
6	25			4034	145			4108
7	30			4036	150			4108
8	35			4039	155			4108
9	40			4042	160			4111
10	45			4048	165			4111
11	50			4053	170			4111
12	55			4057	175			4113
13	60			4061	180			4116
14	65			4064	185			4122
15	70			4067	190			4127
16	75			4072	195			4129
17	80			4075	200			4132
18	85			4078	205			4135
19	90			4080	210			4135
20	95			4080	215			4135
21	100			4083	220			4135
22	105			4086	225			4135
23	110			4089	230			4135
24	115			4090	235			4138

Continuation Points E-F

DST PRESSURE INCREMENTS

Recorder No. 2759 Depth 10,460

Points								
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	240			4138	360			4212
2	245			4140	365			4215
3	250			4143	370			4220
4	255			4143	375			4222
5	260			4146	380			4231
6	265			4149	385			4233
7	270			4149	390			4236
8	275			4163	395			4239
9	280			4168	400			4242
10	285			4171	405			4244
11	290			4173	410			4244
12	295			4173	415			4250
13	300			4176	420			4253
14	305			4179	425			4255
15	310			4182	430			4260
16	315			4184	435			4263
17	320			4190	440			4263
18	325			4195	445			4263
19	330			4198	450			4263
20	335			4200	455			4274
21	340			4206	460			4274
22	345			4209	465			4274
23	350			4209	470			4274
24	355			4212	475			4274

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TESTING REPORT

Cont'd Points E-F

DST PRESSURE INCREMENTS

Recorder No. 2759 Depth 10,460

Points		[illegible]				[illegible]		
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	480			4274	600			4306
2	485			4276	605			4306
3	490			4279	610			4306
4	495			4279	615			4308
5	500			4279	620			4311
6	505			4279	625			4319
7	510			4279	630			4322
8	515			4279	635			4324
9	520			4282	640			4324
10	525			4282	645			4329
11	530			4282	650			4332
12	535			4285	655			4335
13	540			4285	660			4338
14	545			4285	665			4338
15	550			4285	670			4340
16	555			4285	675			4343
17	560			4285	680			4343
18	565			4287	685			4343
19	570			4290	690			4343
20	575			4292	695			4364
21	580			4295	700			4380
22	585			4298	705			4391
23	590			4301	706		F	4274
24	595			4303				

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TESTING REPORT

5 mins. **DST PRESSURE INCREMENTS** of final Shut-In

Points F-G

Recorder No. 2759 Depth 10,460

Points		[illegible]				[illegible]		
	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T+θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		F	4274	120			4826
2	5			4367	125			4831
3	10			4372	130			4834
4	15			4375	135			4837
5	20			4449	140			4874
6	25			4452	145			4876
7	30			4454	150			4879
8	35			4462	155			4908
9	40			4545	160			4911
10	45			4547	165			4914
11	50			4550	170			4927
12	55			4555	175			4932
13	60			4574	180			4962
14	65			4598	185			4969
15	70			4619	190			4972
16	75			4635	195			4975
17	80			4653	200			4996
18	85			4717	205			4999
19	90			4730	210			5002
20	95			4733	215			5020
21	100			4736	220			5023
22	105			4778	225			5026
23	110			4784	230			5029
24	115			4786	235			5047

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Cont'd Points F-G

DST PRESSURE INCREMENTS

Recorder No. 2759 Depth 10,460

Points		[illegible]				[illegible]		
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	240			5050	360			5176
2	245			5053	365			5179
3	250			5066	370			5182
4	255			5072	375			5185
5	260			5074	380			5196
6	265			5085	385			5198
7	270			5088	390			5201
8	275			5090	395			5206
9	280			5093	400			5212
10	285			5104	405			5214
11	290			5109	410			5217
12	295			5109	415			5220
13	300			5120	420			5228
14	305			5126	425			5233
15	310			5126	430			5235
16	315			5128	435		G	5235
17	320			5142				
18	325			5144				
19	330			5147				
20	335			5147				
21	340			5160				
22	345			5163				
23	350			5166				
24	355			5174				

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5 mins. DST PRESSURE INCREMENTS

Points G-H

Recorder No. Depth 10,460

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	0		G	5235				
2				4810				
3				4351				
4	35		H	4385				
5								
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BJ BORG WARNER

TESTING REPORT

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DST PRESSURE INCREMENTS

Point I

Recorder No. 2759 Depth 10,460

Points		INITIAL CIP				FINAL CIP		
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	0			5255				
2								
3								
4								
5								
6								
7								
8								
9								
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11								
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13								
14								
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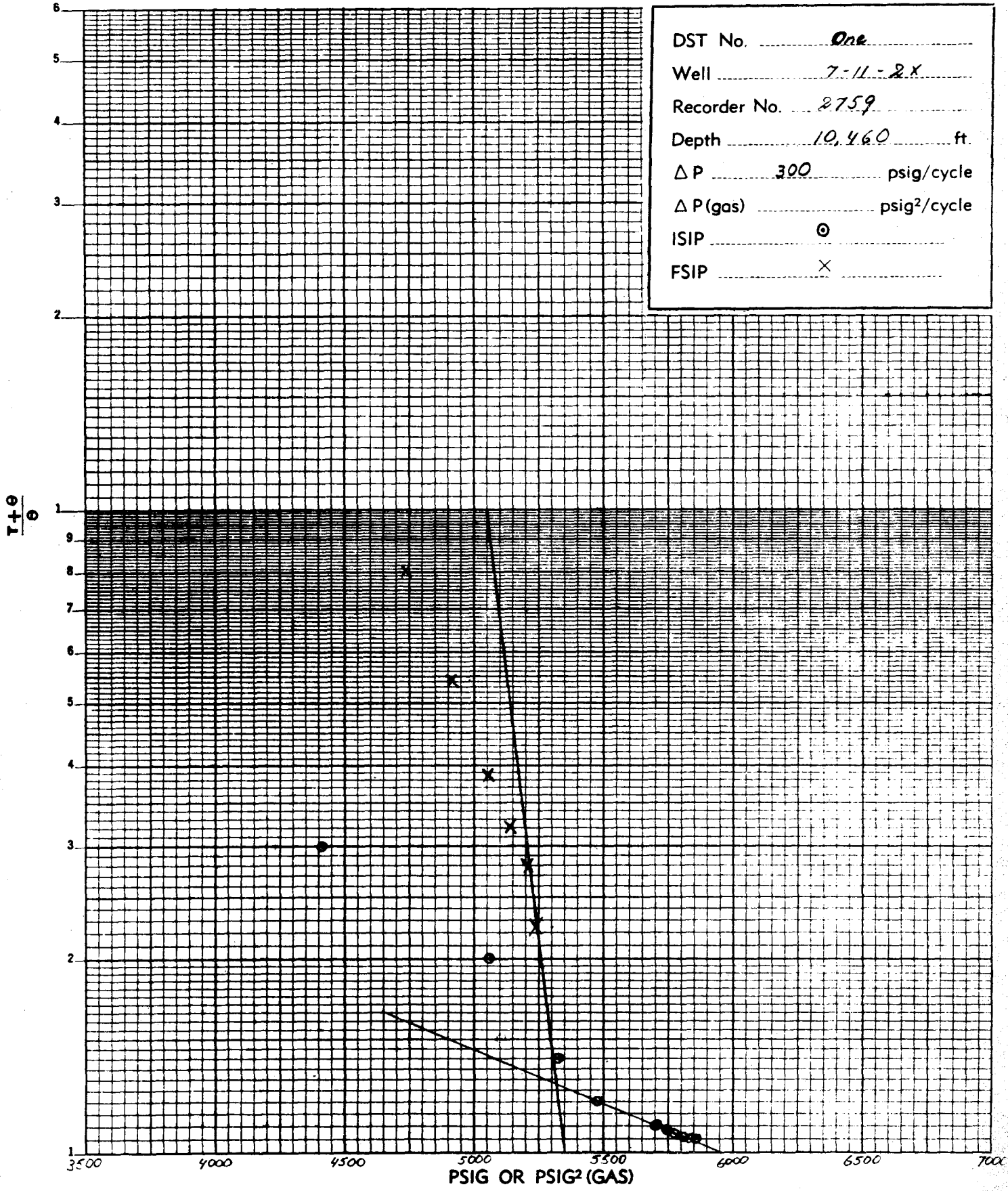
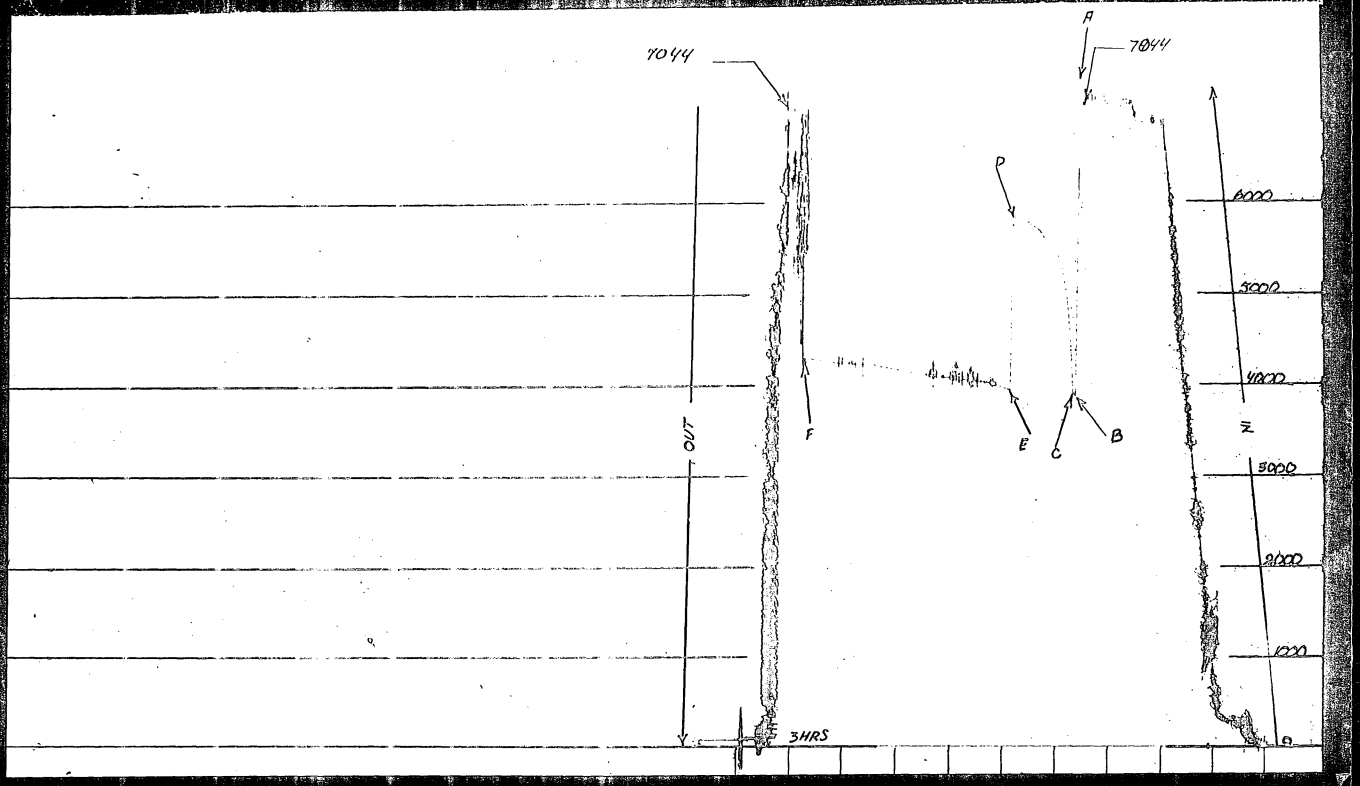
BJ
BORG WARNER

TESTING REPORT



D

Phillips 7-11-2X
Rec. # 2758 Test #1



Phillips 7-11-2X
Rec. # 2759 Test #1