



LEASE WELL NO. TEST NO. COMPANY DISTRICT

LOCATION Sec; 23-26-6

FIELD Wildcat

COUNTY Reno

STATE Kansas

CONTRACTOR Armer Inc.

MUD DATA

Kind Starch

Weight 9.9 lbs.-gal.

Viscosity 38 Sec.

Filter Loss 18.4 c. c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Calc. 100 F.

Time Tool Opened 60 minutes

Time Closed In. 30 minutes

Depth BT. Gauge 3351'

BT. P.R.D. No. 311 Blanked Off No

12 Hr. Clock No. 2055

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1799 p.s.i.

Initial Flow Pres. 21 p.s.i.

Final Flow Pres. 165 p.s.i.

Closed in Pres. 1321 p.s.i.

Final Hydro Mud Pressure 1783 p.s.i.

HOLE & TOOL DATA

Total Depth 3359'

Top Packer Depth 3330'

Casing or Hole Size 7 7/8" Liner or Rothole Size -

Formation Tested Kansas City

Size Drill Pipe 4 1/2" API FH Size Drill Collars -

Size Bottom Choke 3/4" Size Surface Choke 1"

Size Hook Wall Packer - Size Rings - No. Rings -

Size & Type Wall Packer 6 3/4" ESWP No. Packers 1

Size & Length Anchor 5" x 29'

PRD Device No. 1981 Depth 3355' Blanked Off Yes

REMARKS: Interval tested 3330' to 3359' in the Kansas City.

Tool opened @ 2:20 P. M. with a weak blow and increasing slightly

for the remainder of the test, closed in pressure taken @ 3:20 P. M.,

and started off bottom @ 3:50 P. M. Recovered 300' of salt water.

Date 7-4-57

Ticket No. 69321

HOWCO DISTRICT Pratt

Kind of Job Open Hole Test

Price \$220.00

Second Packer Assembly

Safety Joint -

Extra Folder Charge -

Jars -

Total \$220.00

Witnessed By Mr. Stanton Cox

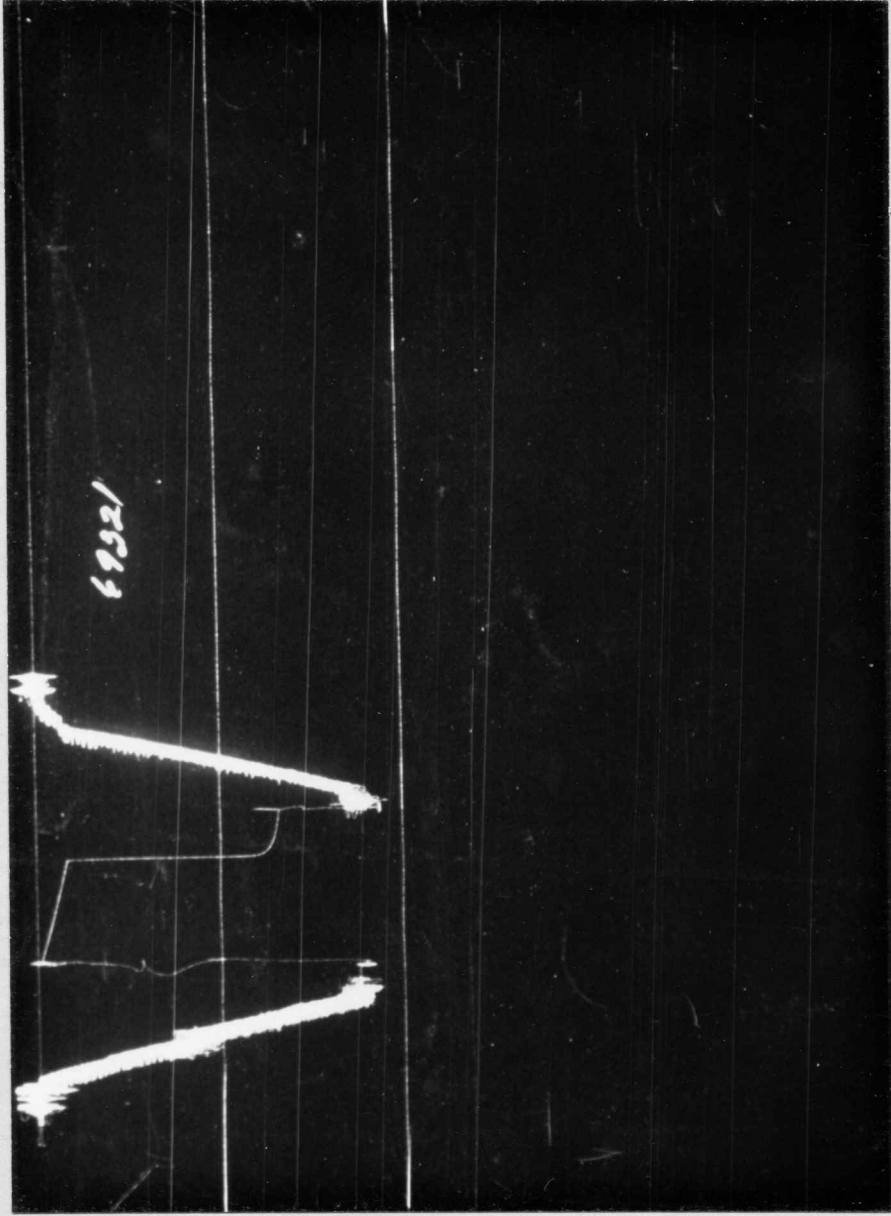
Tester G. W. Foster

Amount of Cushion none All depths measured from Rotary Table

No. Folders Reproduced 5

Top Recorder

TIME



PRESSURE

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

SAWYER

LEASE

I

WELL NO.

I

TEST NO.

M. B. ARMER

COMPANY

KANSAS

DISTRICT

23-26-6W

Bottom Recorder

TIME

A—Initial Mud Weight
 B—Initial Flow
 C—Final Flow
 D—Closed In Pressure
 E—Final Mud Weight

HOWCO—LITTLE'S 52664 75C 4-57

PRESSURE

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



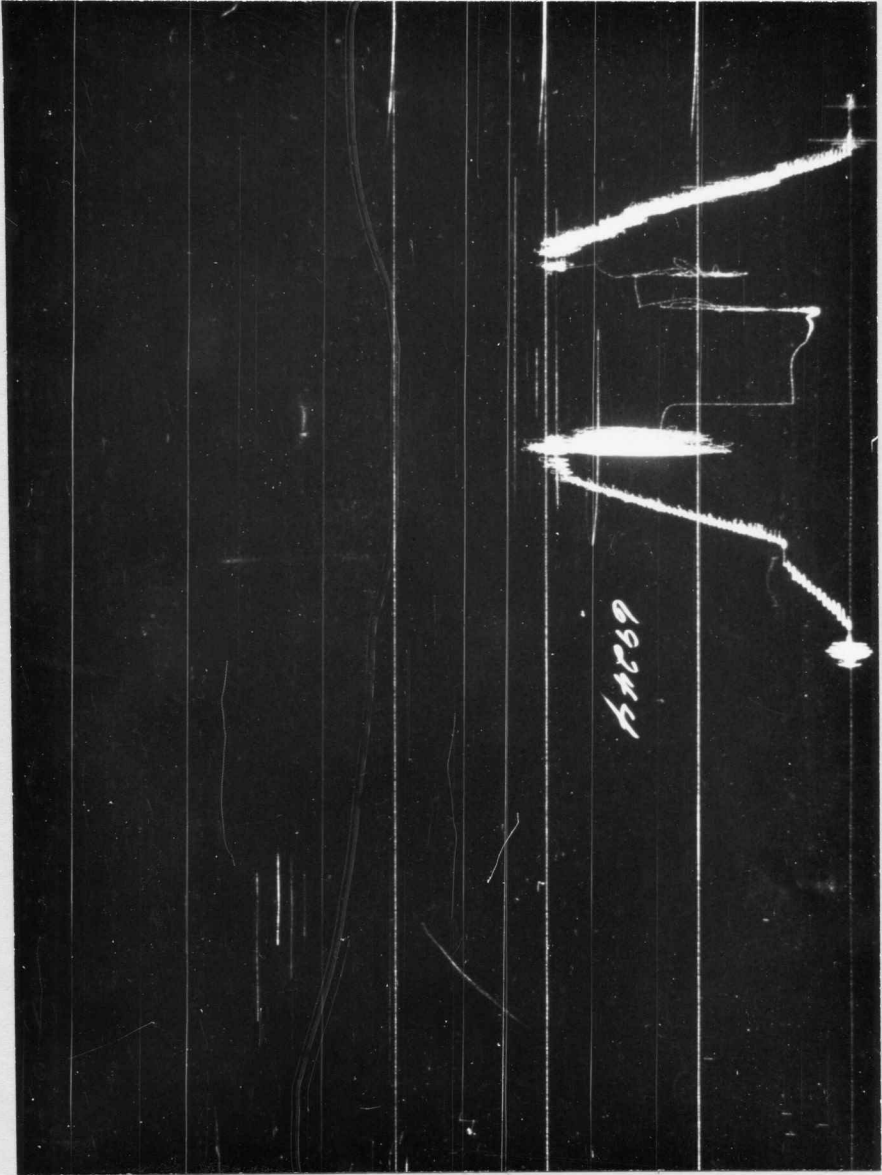
LOCATION	23-26-6	WELL NO.	1	TEST NO.	2	M. B. ARTER DRILLING COMPANY, INC. COMPANY		Date	7-7-57
FIELD	Wildcat							Ticket No.	692444
COUNTY	Reno							HOWCO DISTRICT	Pratt
STATE	Kansas							Kind of Job	Open Hole Test
CONTRACTOR	Company Tools							Price	\$220.00
MUD DATA		HOLE & TOOL DATA		Casing Perforations		Top	Bottom	Second Packer Assembly	
Kind	Starch	Total Depth	3665'	Top Packer Depth	3646'	Bottom Packer Depth	3651'	Safety Joint	
Weight	10.1 lbs.-gal.	Casing or Hole Size	7-7/8"	Liner or Rathole Size	7-7/8"	Extra Folder Charge			
Viscosity	40	Formation Tested	-						
Filter Loss	9.6 c. c. Filter Cake	Size Drill Pipe	4-1/2" FH	Size Drill Collars	-	Jars			
Est. Gauge Depth Temp.	Calculated 100 F.	Size Bottom Choke	3/4"	Size Surface Choke	1"				
Time Tool Opened	1 Hour	Size Hook Wall Packer	-	Size Rings	-	No. Rings	-		
Time Closed In.	Initial-20 Minutes Final -20 Minutes	Size & Type Wall Packer	6-3/4" ESWP	No. Packers	2	Total	\$220.00	Witnessed By	Mr. F. Cox
Depth BT. Gauge	3640'	Size & Length Anchor	5" X 1 1/4'			Tester		V. E. Snidle	
BT. P.R.D. No.	536	PRD Device No.	1987	Depth	3660'	Blanked Off	Yes		
12 Hr. Clock No.	2987	REMARKS:	Set packer, opened tool 1:43 AM to take a Initial Closed in Pressure. Tool opened 2:03. Gas to the surface in 6 minutes measured approximately 1,020,000. Oil to the surface in 20 minutes. Closed in 3:03 AM for a Final Closed in Pressure. Recovered 755' of clean gassy oil and 30' of muddy gassy oil. (Used 6' of 4-1/2" 16.60 Drill Pipe for blank anchor.)						
Pressure Readings	Field	Office Corrected							
Initial Hydro Mud Pressure	2003	1941 p.s.i.							
Initial Flow Pres.	228	211 p.s.i.							
Final Flow Pres.	392	372 p.s.i.							
Closed in Pres.	1392 Initial	1382							
Final Hydro Mud Pressure	1263 Final	1250 p.s.i.							
	2003	1941 p.s.i.							
Amount of Cushion		-		All depths measured from		Kelly Pushing		No. Folders Reproduced	5

23-26-600

PRESSURE

Top Recorder

TIME



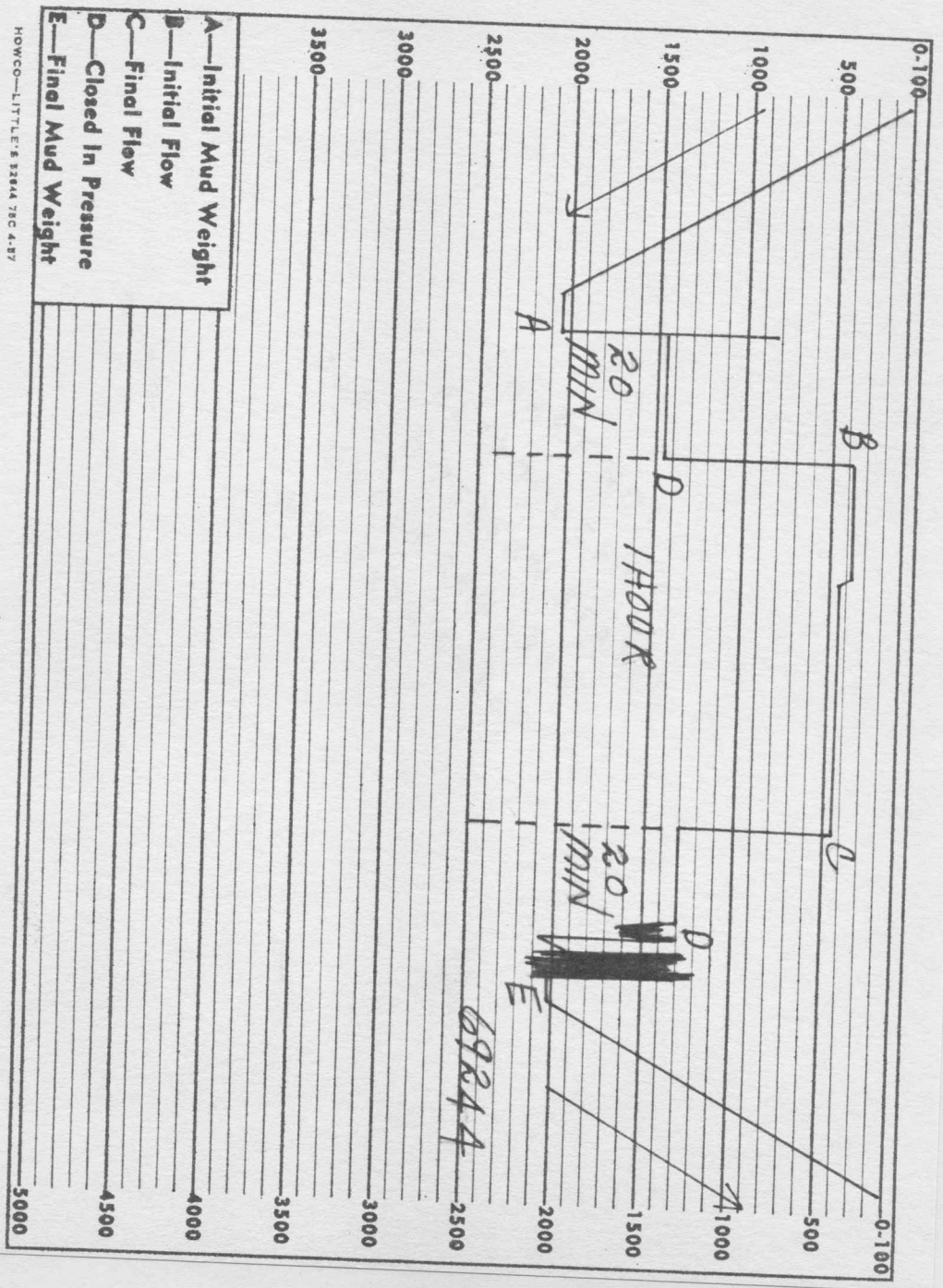
Each Horizontal Line Equal to 1000 p.s.i.

Bottom Recorder

TIME

LEASE WELL NO. TEST NO. COMPANY M. S. ADLER DRILLING COMPANY, INC. DISTRICT

PRESSURE



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

Company M. B. ARMER DRILLING COMPANY, INCORPORATED

Date 7-7-57

Lease SAWYER Well No. 1

Ticket No. 69244

Test No. 2

Total Depth 3665'

Packer Depth 3646'-3651'

BT No. 536 Depth 3640'

12 Hr. Clock No. 2987

Temperature Calculated 100 ° F.
Corrected to _____

	Time	PSI
Initial Hydro Mud Pressure		1941
Initial Closed In Pressure	20 Minutes	1382
Initial Flow		211
Final Flow	60 Minutes	372
Final Closed In Pressure	20 Minutes	1250
Final Hydro Mud Pressure		1941

	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.
P0				.000	.128	211	.000	.226	372
P1				.097	.161	265	.0145	.725	1177
P2				.194	.227	373	.029	.744	1208
P3				.291	.231	380	.0435	.752	1221
P4				.388	.226	372	.058	.757	1229
P5							.0725	.760	1234
P6							.087	.763	1239
P7							.1015	.765	1242
P8							.116	.767	1245
P9							.1305	.769	1248
P10							.145	.770	1250
	Minute Intervals			15 Minute Intervals			2 Minute Intervals		

Remarks: No Special Reading on Initial Closed in Pressure due to character of curve.



HOLE & TOOL DATA

LOCATION	23-26S-6W	Date	7-7-57
FIELD	Wildcat	Ticket No.	69258
COUNTY	Reno	HOWCO DISTRICT	Pratt, Kansas
STATE	Kansas	Kind of Job	Open Hole Test
CONTRACTOR	Company Tools	Price	\$220.00
	MUD DATA	Second Packer Assembly	
Kind	Starch	Safety Joint	
Weight	9.9 lbs.-gal.	Extra Folder Charge	
Viscosity	38 Sec.	Jars	

Filter Loss	12.8 c. c. Filter Cake	2/32 in.	Size Drill Pipe	4-1/2" FH	Size Drill Collars	4" H-90 X 90'	Formation Tested	Mississippi
Est. Gauge Depth Temp.	Calculated 100 F.		Size Bottom Choke	3/4"	Size Surface Choke	1"	Size Drill Pipe	4-1/2" FH
Time Tool Opened	1 Hour		Size Hook Wall Packer	-	Size Rings	-	Size Bottom Choke	3/4"
Time Closed In.	Initial-20 Minutes Final -20 Minutes		Size & Type Wall Packer	6-3/4" ESWP	No. Rings	-	Size Hook Wall Packer	-
Depth BT. Gauge	3660'		Size & Length Anchor	5' X 5" FJ	No. Packers	1	Size & Type Wall Packer	6-3/4" ESWP
BT. P.R.D. No.	536	Blanked Off	PRD Device No.	-	Depth	-	Size & Length Anchor	5' X 5" FJ

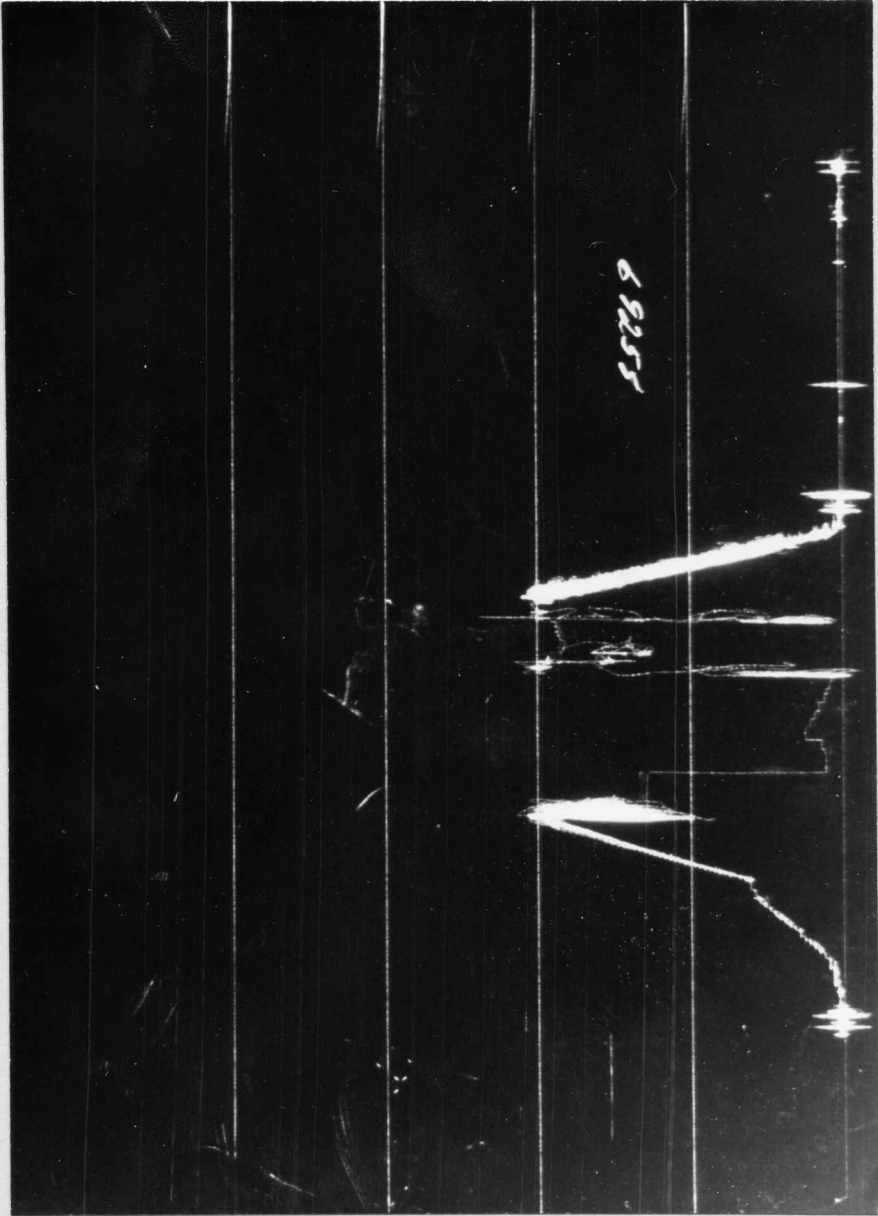
REMARKS:

Set packer, opened tool 8:24 PM to take a 20 minute Initial Closed in Pressure. Did not break disc. Pulled packer loose. Reset and dropped bar at 8:51 PM. Opened tool with a weak blow increasing to a strong blow. Gas to the surface 39 minutes approx. Gas reaching-40 minutes 1.790 MCF, 43 Minutes 734 MCF, 45 minutes couldn't read. 20 minutes Final Closed in Pressure 9:51 PM. NO P.R.D. WAS RUN.

Pressure Readings	Field	Office Corrected	Amount of Cushion
Initial Hydro Mud Pressure	-	2056 p.s.i.	5' 1/2" of blank anchor used. All depths measured from Rotary Table
Initial Flow Pres.	-	74 p.s.i.	
Final Flow Pres.	-	115 p.s.i.	
Closed in Pres.	-	Initial 1849 p.s.i. Final 1239 p.s.i.	
Final Hydro Mud Pressure	-	2056 p.s.i.	

No. Folders Reproduced 5

PRESSURE



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

Company M. B. Armer

Date 7-7-57

Lease Sawyer Well No. 1

Ticket No. 69258

Test No. 3

	Time	PSI
Initial Hydro Mud Pressure		2056
Initial Closed In Pressure	20-Min.	1849
Initial Flow		74
Final Flow	60-Min.	115
Final Closed In Pressure	20-Min.	1289
Final Hydro Mud Pressure		2056

Total Depth 3670'

Packer Depth 3665'

BT No. 536 Depth 3660'

12 Hr. Clock No. 2798

Temperature Corrected to Calc. 100° ° 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.
P0							.000	.070	115
P1							.0145	.791	1284
P2							.029	.794	1289
P3							.0435	.794	1289
P4							.058	.795	1290
P5							.0725	.796	1292
P6							.087	.797	1294
P7							.1015	.797	1294
P8							.116	.798	1295
P9							.1305	.796	1292
P10							.145	.794	1289
	Minute Intervals			Minute Intervals			2	Minute Intervals	

Remarks: _____

