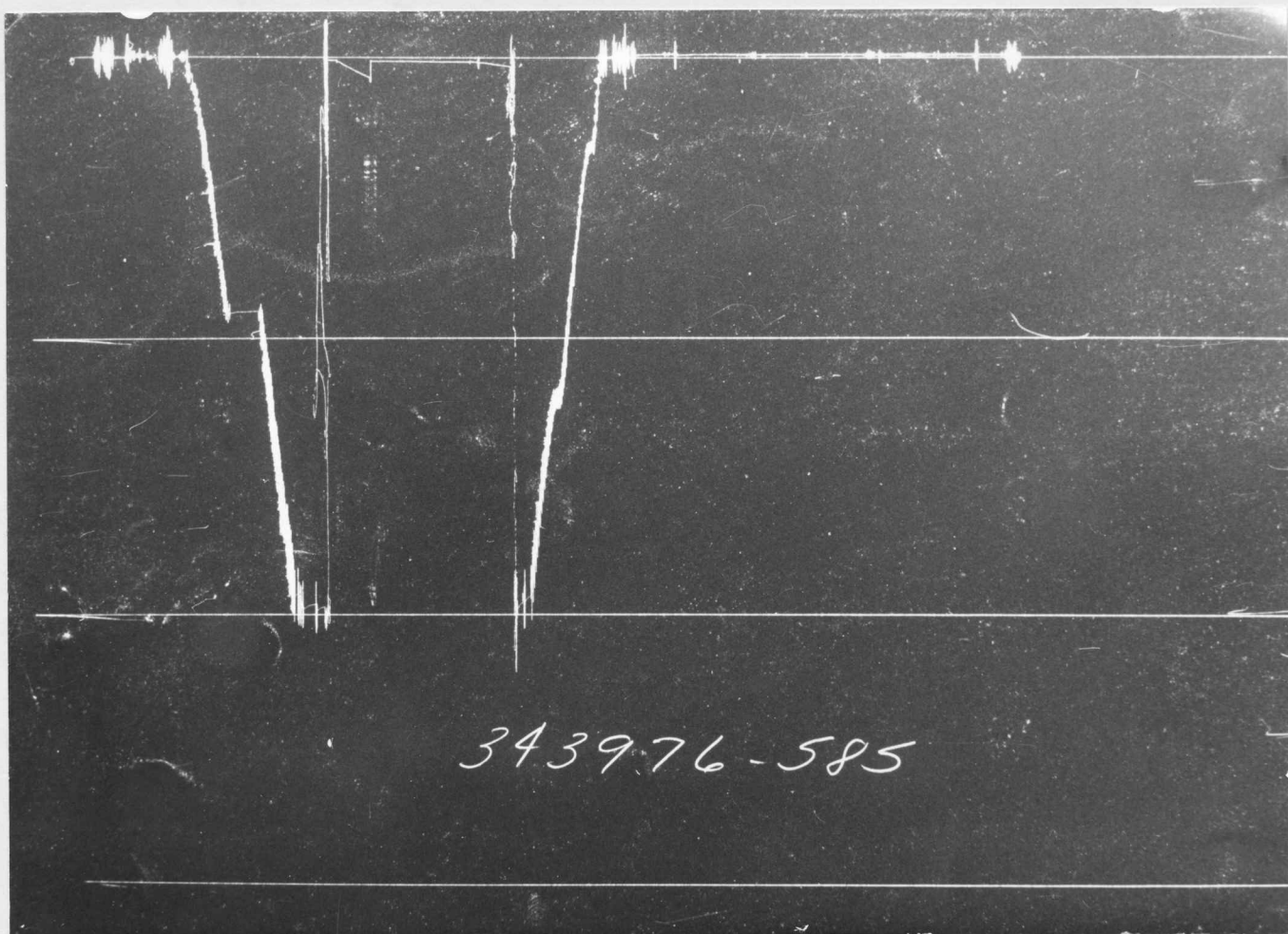


Flow Time	1st	Min.	2nd	Min.	Date	8-9-62	Ticket Number	343976
Closed In Press. Time	1st	Min.	2nd	Min.	Kind of Job	Open Hole	Halliburton District	Pratt.
Pressure Readings	Field		Office Corrected		Tester	Bill Thompson	Witness	J.C. Musgrove
Depth Top Gauge	3588	Ft.	no	Blanked Off	Drilling Contractor	Chief Drlg Co.		
BT. P.R.D. No.	585		12	Hour Clock	Elevation	1753' KB	Top Packer	3598'
Initial Hydro Mud Pressure	1985		1973		Total Depth	3616'	Bottom Packer	3603'
Initial Closed in Pres.	80		73		Interval Tested	3603-3616'	Formation Tested	Miss.
Initial Flow Pres.	5		1 12		Casing or Hole Size	7 7/8"	Casing } Top	
Final Flow Pres.	15		2 13		Surface Choke	1"	Perfs. } Bot.	
Final Closed in Pres.	35		1 11		Size & Kind Drill Pipe	4 1/2" FH	Bottom Choke	5/8"
Final Hydro Mud Pressure	1935		2 15		Mud Weight	9.9	Drill Collars Above Tester	I.D. - LENGTH
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	100	Anchor Size ID 3.37" X	
BT. P.R.D. No.				Hour Clock	*F Est.		*F Actual	
Initial Hydro Mud Pres.					Depths Mea. From	KB	Depth of Tester Valve	3589 Ft.
Initial Closed in Pres.					TYPE	AMOUNT	Depth Back Pres. Valve	3584 Ft.
Initial Flow Pres.					Cushion			
Final Flow Pres.					Recovered			
Final Closed in Pres.					Recovered	20	Feet of	very slight gas cut
Final Hydro Mud Pres.					Recovered		Feet of	mud with few specks of
Depth Bot. Gauge	3612	Ft.	yes	Blanked Off	Recovered		Feet of	oil
BT. P.R.D. No.	297		12	Hour Clock	Oil A.P.I. Gravity		Water Spec. Gravity	
Initial Hydro Mud Pres.	2005		1961		Gas Gravity		Surface Pressure	psi
Initial Closed in Pres.	70		66		Tool Opened	5:26	Tool Closed	6:26
Initial Flow Pres.	5		1 7			A.M.		A.M.
Final Flow Pres.	15		2 13		Remarks	Open tool at 5:01 with a weak blow.		
Final Closed in Pres.	25		1 5			Closed at 5:06. Reopen at 5:26 with a weak		
Final Hydro Mud Pres.	1990		2 8			blow thru out test. Closed at 6:26.		
						Off bottom at 6:46.		
						No special reading adaptable.		

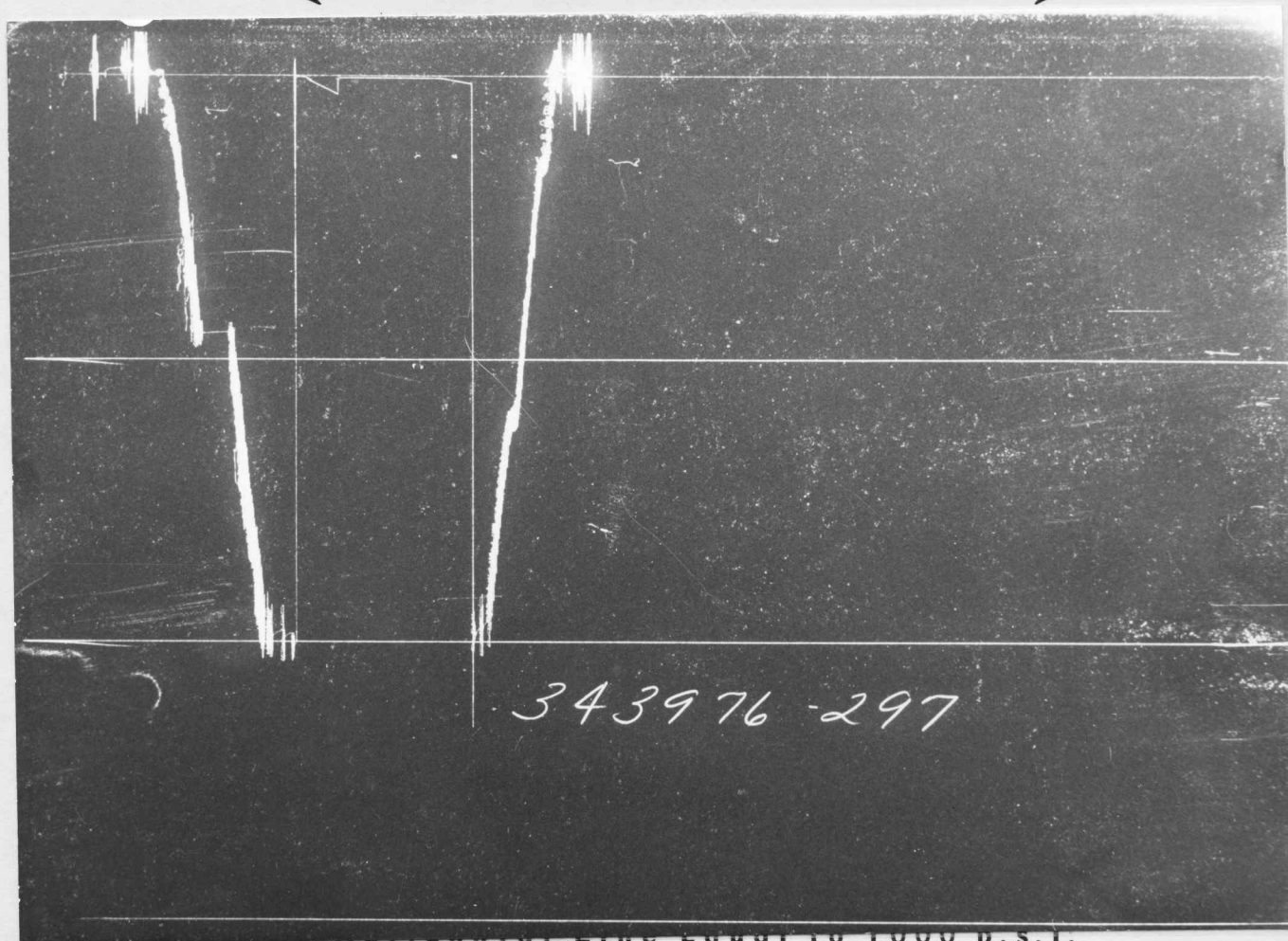
FORMATION TEST DATA

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

PRESSURE



TIME



Each horizontal line equal to 1000 p.s.i.

Flow Time	1st 3	Min.	2nd 60	Min.	Date	8-11-62	Ticket Number	343977 S
Closed In Press. Time	1st 20	Min.	2nd 20	Min.	Kind of Job	Open hole test	Halliburton District	Pratt
Pressure Readings	Field		Office Corrected		Tester	Thompson	Witness	Musgrove
Depth Top Gauge	3781	Ft.	NO	Blanked Off	Drilling Contractor	Chief Drilling Company		
BT. P.R.D. No.	585		12	Hour Clock	Elevation	1753'	Top Packer	3791'
Initial Hydro Mud Pressure	2125		2076		Total Depth	3810'	Bottom Packer	3796'
Initial Closed in Pres.	585		578		Interval Tested	3796' - 3810'	Formation Tested	Violo
Initial Flow Pres.	90		1 36 2 94		Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot.	-
Final Flow Pres.	545		1 71 2 548		Surface Choke	1"	Bottom Choke	5/8"
Final Closed in Pres.	585		576		Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	-
Final Hydro Mud Pressure	2075		2052		Mud Weight	10.1	Mud Viscosity	44
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	107	Anchor Size ID OD	3.37" X 5.00"
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Kelly Bushings	Depth of Tester Valve	3783' Ft.
Initial Hydro Mud Pres.					Cushion	-	Depth Back Pres. Valve	3778' Ft.
Initial Closed in Pres.					Recovered	1115	Feet of Water	
Initial Flow Pres.			1 2		Recovered		Feet of	
Final Flow Pres.			1 2		Recovered		Feet of	
Final Closed in Pres.					Recovered		Feet of	
Final Hydro Mud Pres.					Oil A.P.I. Gravity	-	Water Spec. Gravity	1.035
Depth Bot. Gauge	3806	Ft.	YES	Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.	297		12	Hour Clock	Tool Opened	11:28	Tool Closed	12:28
Initial Hydro Mud Pres.	2125		2073		Remarks	Opened tool for 3 minute 1st flow at 11:05		
Initial Closed in Pres.	575		574			with good blow. Closed tool at 11:08 for 20 minute		
Initial Flow Pres.	85		1 34 2 97			initial closed in pressure. Reopened tool for 60		
Final Flow Pres.	535		1 70 2 537			minute 2nd flow at 11:28 with good blow diminishing		
Final Closed in Pres.	575		571			to fair. Closed tool for 20 minute final closed in		
Final Hydro Mud Pres.	2085		2048			pressure at 12:28.		

FORMATION TEST DATA
SPECIAL PRESSURE DATA

MOECKEL
Lease Name

1
Well No.

2
Test No.

EARL F. WAKEFIELD
Lease Owner/Company Name

REZZA
County

KANSAS
State

13-23-10W
Owner's District

Gauge No. 585			Depth 3781'			Clock 12 hour		Ticket No. 343977		
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	36	.000		71	.000	94	.000		548
P ₁	.005	40	.0133		571	.1025	349	.0134		576
P ₂	.010	56	.0266		576	.2050	452	.0268		576
P ₃	.015	71	.0399		576	.3075	509	.0402		576
P ₄			.0532		577	.4100	548	.0536		576
P ₅			.0665		578			.0670		576
P ₆			.0798		578			.0804		576
P ₇			.0931		578			.0938		576
P ₈			.1064		578			.1072		576
P ₉			.1197		578			.1206		576
P ₁₀			.1330		578			.1340		576

Gauge No. 297			Depth 3806'			Clock 12 hour				
P ₀	.000	34	.000		70	.000	97	.000		537
P ₁	.0057	34	.0139		566	.1073	341	.0146		570
P ₂	.0114	50	.0278		571	.2146	443	.0292		571
P ₃	.0170	70	.0417		573	.3219	502	.0438		571
P ₄			.0556		574	.4290	537	.0584		571
P ₅			.0695		574			.0730		571
P ₆			.0834		574			.0876		571
P ₇			.0973		574			.1022		571
P ₈			.1112		574			.1168		571
P ₉			.1251		574			.1314		571
P ₁₀			.1390		574			.1460		571
Reading Interval 1			2			15		2 Minutes		
REMARKS:										

SPECIAL PRESSURE DATA

23-10W

↑
PRESSURE
↓



EACH HORIZONTAL LINE EQUAL TO 1000 P.S.I.

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company EARL F. WAKEFIELD
Lease and Well No. MOECKEL #1
County RENO State KANSAS Date AUGUST 13, 1962

Formation Test No. #3 Total Depth 3986'
Interval Tested 3604' To 3986' Anchor Length 382'
Size Hole 7 7/8 Size Drill Pipe 4 1/2" FH Size Packer 6 3/4
Mud Weight 10.2 Viscosity 40 Bottom Hole Temp. ° F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 6252

RECOVERY

WEAK INTERMITTENT BLOW FOR 40 MINUTES.

30 FEET OF MUD.

MISSED INITIAL BOTTOM HOLE PRESSURE.

Lease and Well No.

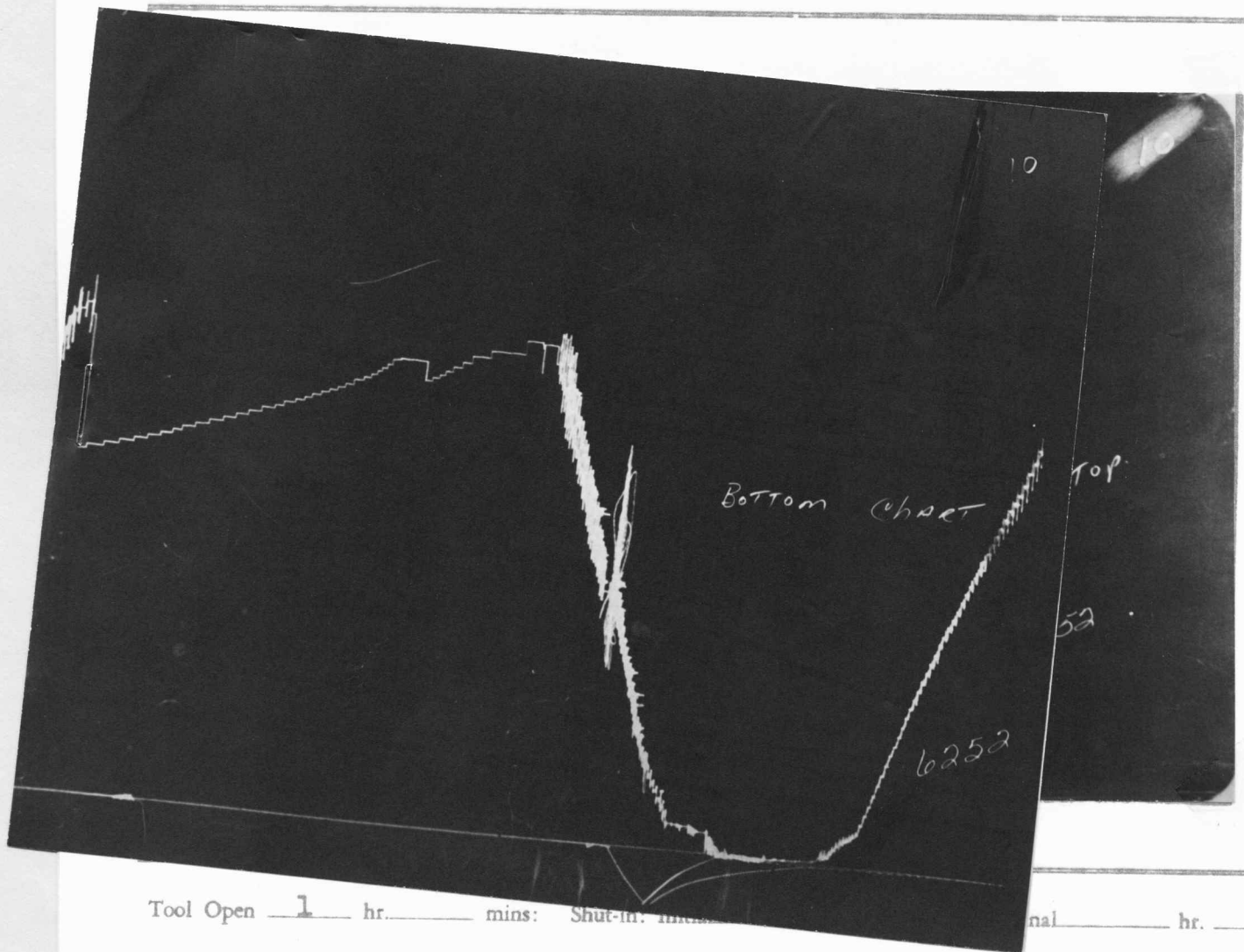
MOECKEL #1

13-23-10

Formation Test No.

13-23-10W
#3

Time: Each Square _____ minutes

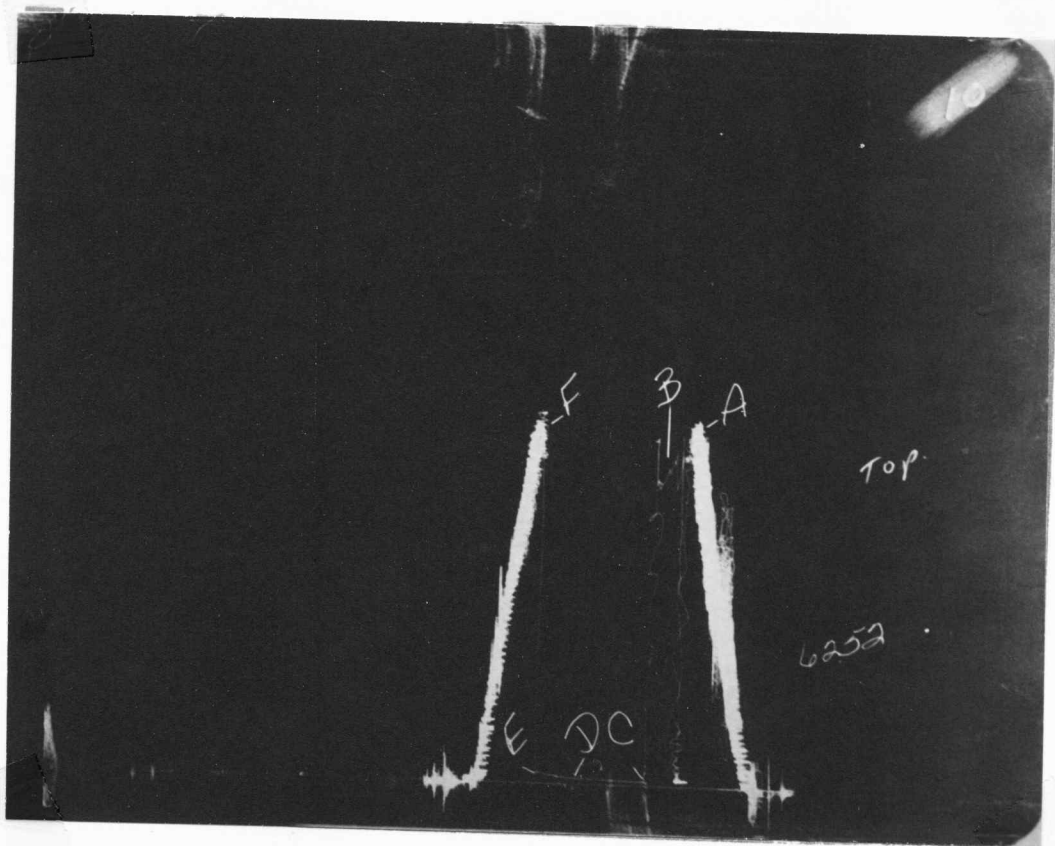


(A) Initial Hydrostatic Pressure	<u>2088</u>
(B) Initial Shut-in Pressure	<u>FAILED</u>
(C) Initial Flow Pressure	<u>34</u>
(D) Final Flow Pressure	<u>45</u>
(E) Final Shut-in Pressure	<u>67</u>
(F) Final Hydrostatic Pressure	<u>2088</u>

6252

Time: Each Square _____ minutes

Pressure: Each Square _____ psi



Tool Open 1 hr. _____ mins: Shut-in: Initial _____ hr. 20 mins: Final _____ hr. 20 mins.

(A) Initial Hydrostatic Pressure	<u>2088</u>
(B) Initial Shut-in Pressure	<u>FAILED</u>
(C) Initial Flow Pressure	<u>34</u>
(D) Final Flow Pressure	<u>45</u>
(E) Final Shut-in Pressure	<u>67</u>
(F) Final Hydrostatic Pressure	<u>2088</u>

6252