

Date 5-16-59 Well Gamble #1 Field E1 Dorado County Butler State Kansas
 Formation Test No. 2 Casing Test No. - Test Interval 2504' to 2535' Test Ticket No. 57039 L

Company Cities Service Oil Company Address Box 632; E1 Dorado, Kansas
 Tester Guy M. Knipe Test Approved By Lafe Parrish No. of DST Reports Requested 5

SURFACE INFORMATION

Well Flowed: No Amount - Type Test Conventional
 Reversed Out: No Amount - Formation Tested Simpson Elevation 1357 Ft.
 All Depths Measured From Derrick Floor.

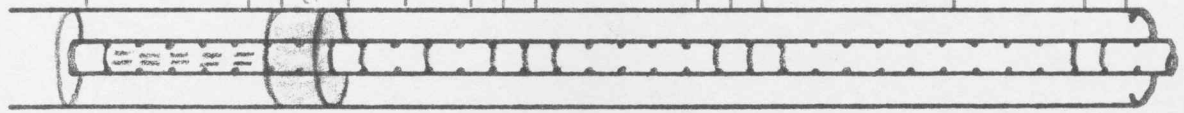
2333' of 4 1/2" F.H. Drill
Pipe, 3.8" I. D.
 Circulating Sub-

Recovered: Gas Amount 105'
Free oil 345'
very lightly mud cut oil 155'

Blow Fair, increased to strong in 10 minutes, strong balance of test.
 Cross-over Sub
 Disc Valve
 31' of Drill Pipe

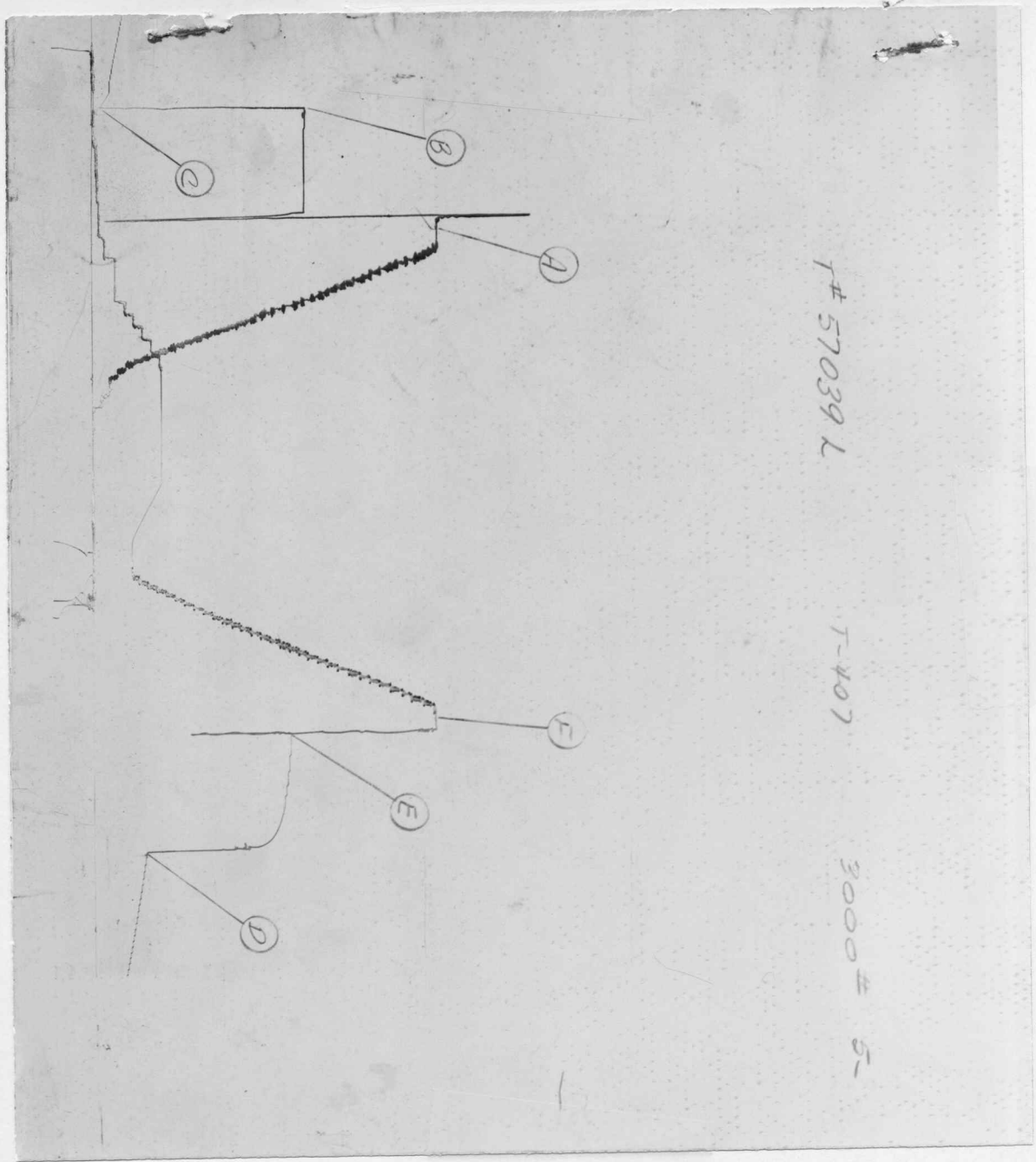
Maximum Surface Pressure -
 Description (rate of flow) -
 Time 5:18 Pressure (P.S.I.G.) - Surface Choke -
 Opened Tool: Opened tool to surface 5:48

4' Recorder Carrier
 6' Recorder Carrier
 Cross-over Sub
 6 5/8" Bob Tail Packer set @ 2504'
 27' of Perforated Anchor



Total Depth 7 7/8" Rat Hole Size - Ft. 2535
 Main Hole Size 7 7/8" Liner Size -
 Casing Size 5/8" Mud Type Chemical
 Bottom Choke Size 9.9 Mud Weight 37

Air Chamber:	Length	10 Ft.	3 8"	I.D.
Cushion Type	Amount			Pressure



TIME DATA

Initial Shut-in _____ Hrs. 30 Mins.
 Flow Period _____ Hrs. _____ Mins.
 Final Shut-in _____ Hrs. 30 Mins.

PRESSURE READING (P.S.I.G.)

Recorder No. T-407
 Capacity (P.S.I.G.) 3000
 Location 2496'

A Initial Hyd. Mud 1262
 B Initial Shut-in 781
 C Initial Flow 27
 D Final Flow 186
 E Final Shut-in 718
 F Final Hyd. Mud 1249

REMARKS

Recorder No. _____
 Capacity (P.S.I.G.) _____
 Location _____

A Initial Hyd. Mud _____
 B Initial Shut-in _____
 C Initial Flow _____
 D Final Flow _____
 E Final Shut-in _____
 F Final Hyd. Mud _____

REMARKS

Well Temperature 105 °F.

Date 5-17-59 Well Gamble #1 Field El Dorado County Butler State Kansas
 Formation Test No. 3 Casing Test No. - Test Interval 2490' to 2504' Address Box 632; El Dorado, Kansas Test Ticket No. 57040 L

Company Cities Service Oil Company Test Approved By Howard R. Letchaw SURFACE INFORMATION
 Tester Guy M. Knipe No. of DST Reports Requested 5

Well Flowed: No Amount -
 Reversed Out: No Amount -

Recovered: Gas Amount 65'
Free oil 230'
Oil cut mud and water 65'

Blow Weak, increased to strong throughout test.
 Maximum Surface Pressure -
 Description (rate of flow) -

Opened Tool: 4:05 Time 4:35 Pressure (P.S.I.G.) - Surface Choke -
Opened tool to surface

Remarks: 23-26-4E

Type Test Straddle Elevation 1357 Ft.
 Formation Tested Simpson Derrick Floor -
 All Depths Measured From 2344' of 4 1/2" F.H. Drill
Pipe, 3.8" I. D.

Circulating Sub Collar
 115' of 4 1/2" F.H. Drill

Cross-over Sub 3.8" I. D.
4 1/2" F.H. Disc Valve
5' of 4 1/2" F.H. Air Chamber

Cross-over Sub 3 1/2" Shut-in Hyd. Tool
 6' Recorder Carrier

Cross-over Sub 6 5/8" Bob Tail Packer
set at 2490'

4' of 3 1/2" F.H. Perf. Anchor
 4' Recorder Carrier

Cross-over Sub 6 5/8" Bob Tail Packer set @ 2504'
26' of 3 1/2" F.H. Perf. Anchor

5' Recorder Carrier

Total Depth 2535 Ft.
 Main Hole Size 7 7/8" Rat Hole Size -

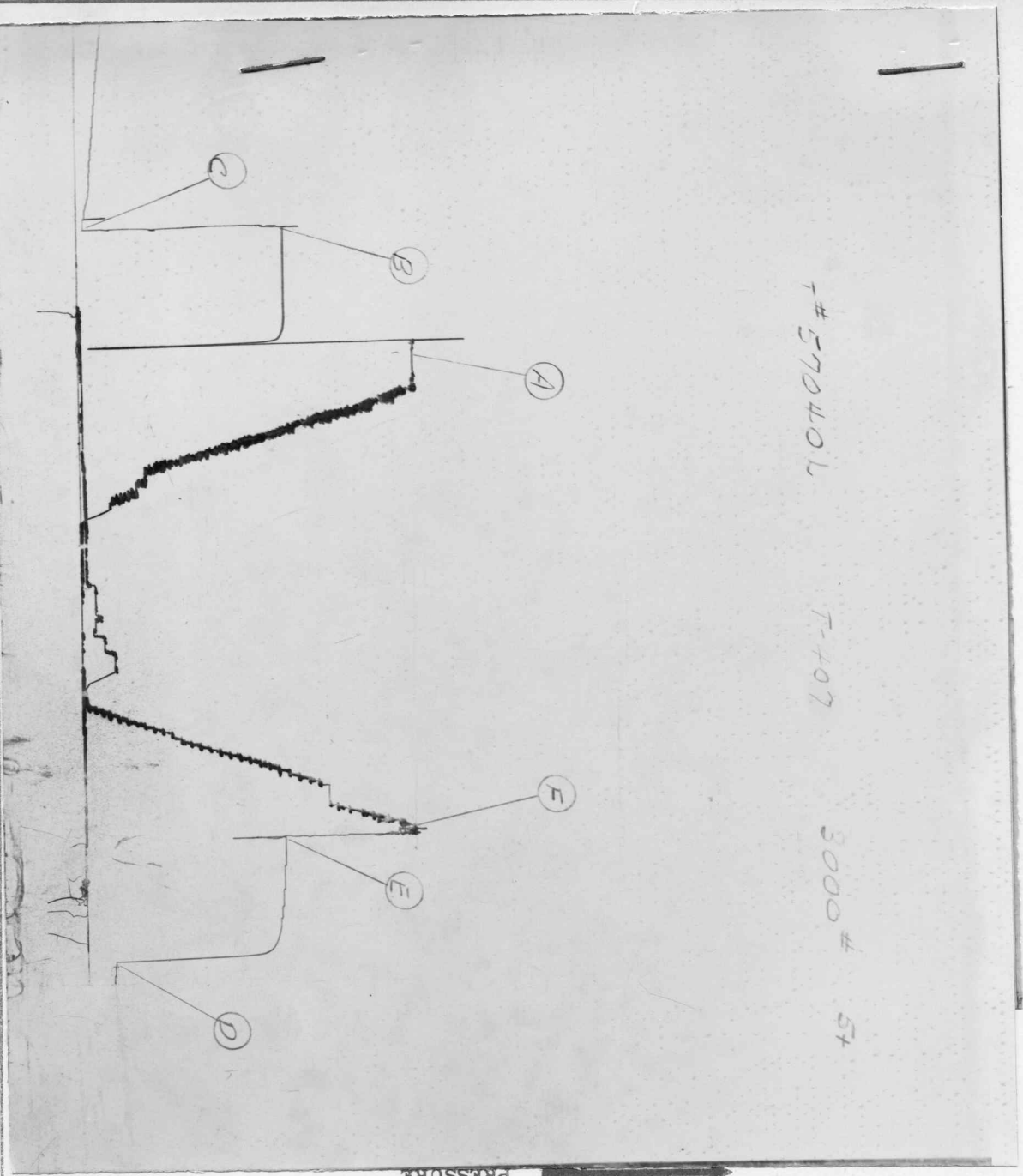
Casing Size 5/8" Liner Size -
 Bottom Choke Size 9.9 Mud Type Chemical

Mud Weight 37 Mud Viscosity 37



Air Chamber:	Length	2 Ft.	1.8" I.D.
Cushion Type	Amount		Pressure

TIME →



TIME DATA

Initial Shut-in _____ Hrs. 30 Mins.
 Flow Period 1 Hrs. _____ Mins.
 Final Shut-in _____ Hrs. 30 Mins.

PRESSURE READING (P.S.I.G.)

Recorder No. T-407
 Capacity (P.S.I.G.) 3000
 Location 2481'

A Initial Hyd. Mud. 1238
 B Initial Shut-in 762
 C Initial Flow 19
 D Final Flow 105
 E Final Shut-in 742
 F Final Hyd. Mud. 1223

REMARKS

Recorder No. L-421
 Capacity (P.S.I.G.) 4500
 Location 2534'

A Initial Hyd. Mud. 1283
 B Initial Shut-in _____
 C Initial Flow _____
 D Final Flow _____
 E Final Shut-in _____
 F Final Hyd. Mud. 1301

REMARKS

A-1 934
 Below Straddle.

Well Temperature 105 °F.

Date 5-18-59 Well Gamble #1 Field 2557' to 2565' County Butler State Kansas

Formation Test No. 4 Casing Test No. - Test Interval - Address Box 632, Eldorado, Kansas Test Ticket No. 55217 L

Company Cities Service Oil Company Tester Lee R. Bogart Test Approved By - No. of DST Reports Requested 5

Well Flowed: No Amount - Type Test Conventional Formation Tested Arbuckle Elevation 1357 Ft.

Reversed Out: No Amount - All Depths Measured From Derrick Floor

Recovered: Drilling mud Amount 4' Pipe, 3.8" I.D. Drill

Blow Weak blow for 30 seconds. Amount - Pipe, 3.8" I.D. Drill

Maximum Surface Pressure - Time - Pressure (P.S.I.G.) - Surface Choke -

Opened Tool: Opened tool to surface Time 3:55 AM Pressure (P.S.I.G.) - Surface Choke -

Disc Valve - 3' of 4 1/2" F.H. Air Chamber, 3.8" I.D. -

Cross over sub - 3 1/2" Shut-in Hydraulic tool -

6' Recorder Carrier - 6-5/8" Bob Tail Packer Set at 2557' -

4' of 4 1/2" Perforated Anchor -

4' Recorder Carrier -

Total Depth 2565 Ft.

Main Hole Size 7-7/8" Rat Hole Size -

Casing Size 1 1/2" Liner Size -

Bottom Choke Size 9.9 Mud Type Chemical

Mud Weight - Mud Viscosity 37

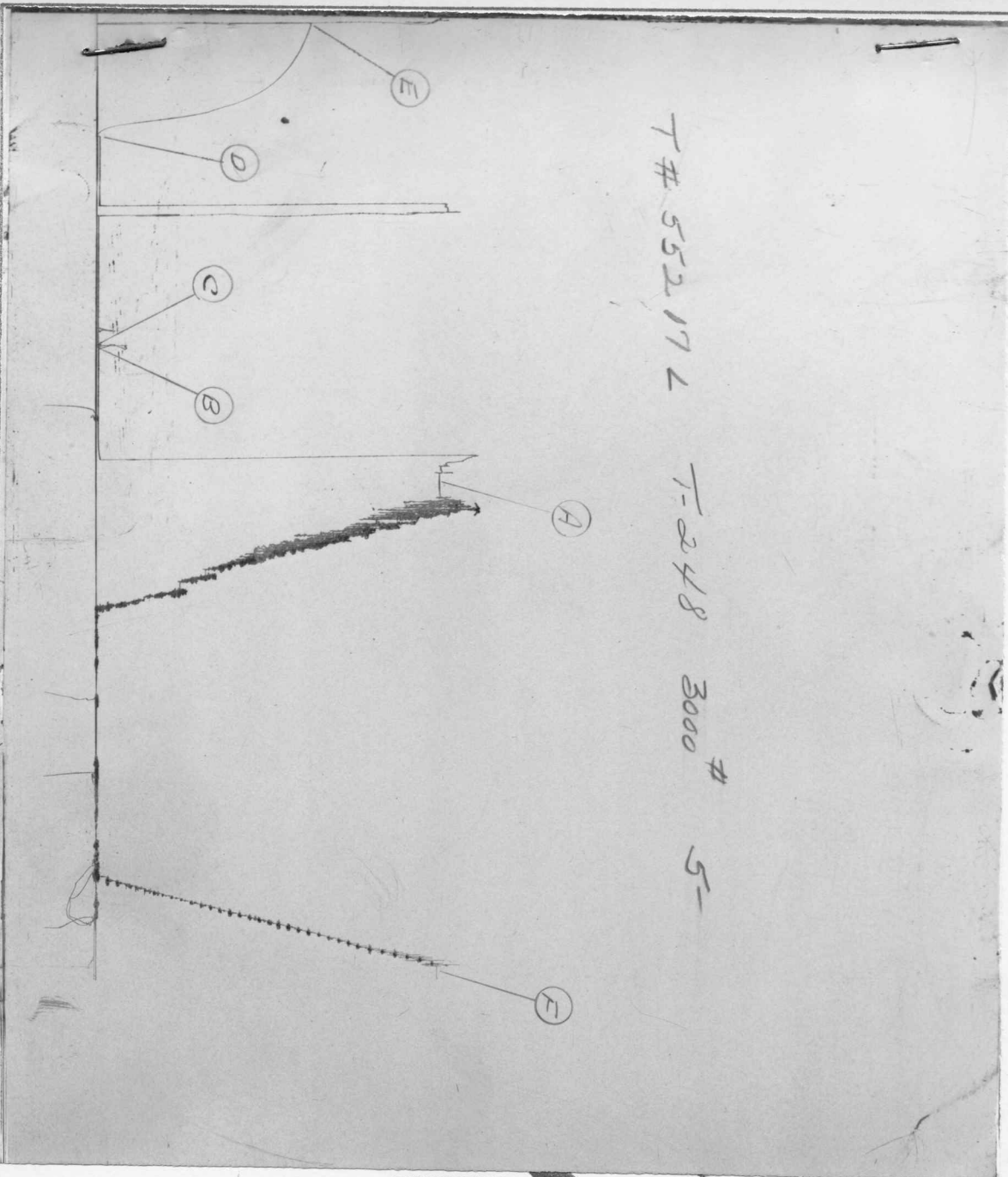


Remarks: -

Sec. 23-26-4E

Air Chamber: Length 5 Ft. 5.0" I.D.
 Cushion Type _____ Amount _____ Pressure _____

← TIME →



TIME DATA

Initial Shut-in _____ Hrs. 30 Mins.
 Flow Period _____ Hrs. _____ Mins.
 Final Shut-in _____ Hrs. 30 Mins.

PRESSURE READING (P.S.I.G.)

Recorder No. 1-248
 Capacity (P.S.I.G.) 3000
 Location 2547'

A Initial Hyd. Mud. 1253
 B Initial Shut-in 9
 C Initial Flow 6
 D Final Flow 12
 E Final Shut-in 787
 F Final Hyd. Mud 1247

REMARKS _____

Recorder No. _____
 Capacity (P.S.I.G.) _____
 Location _____

A Initial Hyd. Mud _____
 B Initial Shut-in _____
 C Initial Flow _____
 D Final Flow _____
 E Final Shut-in _____
 F Final Hyd. Mud _____

REMARKS _____

Well Temperature 95 °F.

TIME 

For more copies of this report on your
 Drill Stem Test refer to this Test
 Ticket number: 55218 L

PRESSURE 

TIME DATA

Initial Shut-in _____ Hrs. 30 Mins.
 Flow Period _____ Hrs. _____ Mins.
 Final Shut-in _____ Hrs. _____ Mins.

PRESSURE READING (P.S.I.G.)

Recorder No. T-248
 Capacity (P.S.I.G.) 3000
 Location 25221

A Initial Hyd. Mud. 1235
 B Initial Shut-in 854
 C Initial Flow 12
 D Final Flow 116
 E Final Shut-in 807
 F Final Hyd. Mud 1220
 REMARKS Read on 100°F. curve.

Recorder No. L-346
 Capacity (P.S.I.G.) 4500
 Location 25661

A Initial Hyd. Mud 1302
 B Initial Shut-in _____
 C Initial Flow _____
 D Final Flow _____
 E Final Shut-in _____
 F Final Hyd. Mud 1279
 REMARKS A-1 991
Below Straddle.

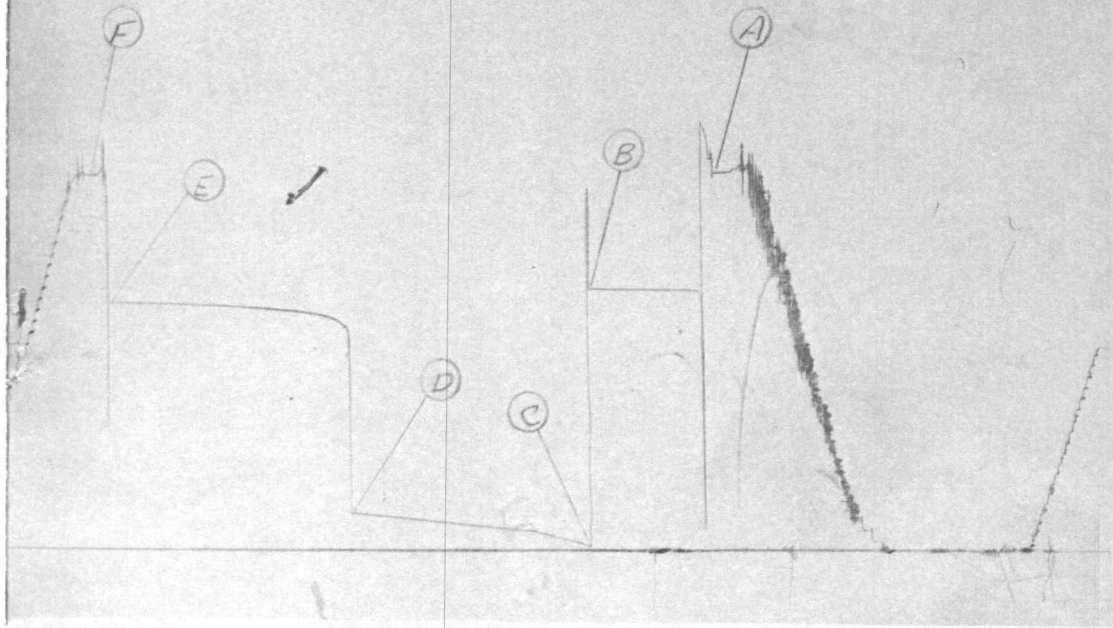
Well Temperature _____ °F.

T# 55218L

F-248

3000#

5+



T# 55218L

L-346

4500#

5+

