

Date 5-26-59 Well Gamble #2 Field - County Butler State Kansas
Formation Test No. 1 Casing Test No. - Test Interval 2471' to 2493' Test Ticket No. 55221 L
Company Cities Service Oil Company Address Box 632; El Dorado, Kansas
Tester Lee R. Bogart Test Approved By Kent Dixon No. of DST Reports Requested 5

SURFACE INFORMATION

TOOL, HOLE & MUD DATA

Well Flowed:

No

Amount

Type Test ConventionalFormation Tested Simpson Elevation 1320 Ft.All Depths Measured From derrick floor.

2321' of 4 1/2" F.H. Drill

Pipe, 3.8" I. D.---

Reversed Out:

No

Amount

120' of Drill Collar,

2.5" I.D.---

Recovered:

Rotary mud

Amount

2'

Blow Very weak for 5 minutes.Maximum Surface Pressure -

Description (rate of flow)

Time

Pressure
(P.S.I.G.)Surface
Choke

Opened Tool:

Opened tool to surface

6:07 PM
6:37 PM

-

-

10' of F.H. Perf. Anchor---

6 5/8" Bob Tail Packer

set at 2471'

Shut-in Hydraulic Tool---

Cross-over Sub-----

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

6' Recorder Carrier-----

2' of 4 1/2" OD Perf. Anchor-

4' Recorder Carrier-----

Total Depth 2493 Ft.Main Hole Size 7 7/8" Rat Hole Size -Casing Size - Liner Size -Bottom Choke Size 1 1/2" Mud Type Chemical

Remarks:

TIME

TIME DATA

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

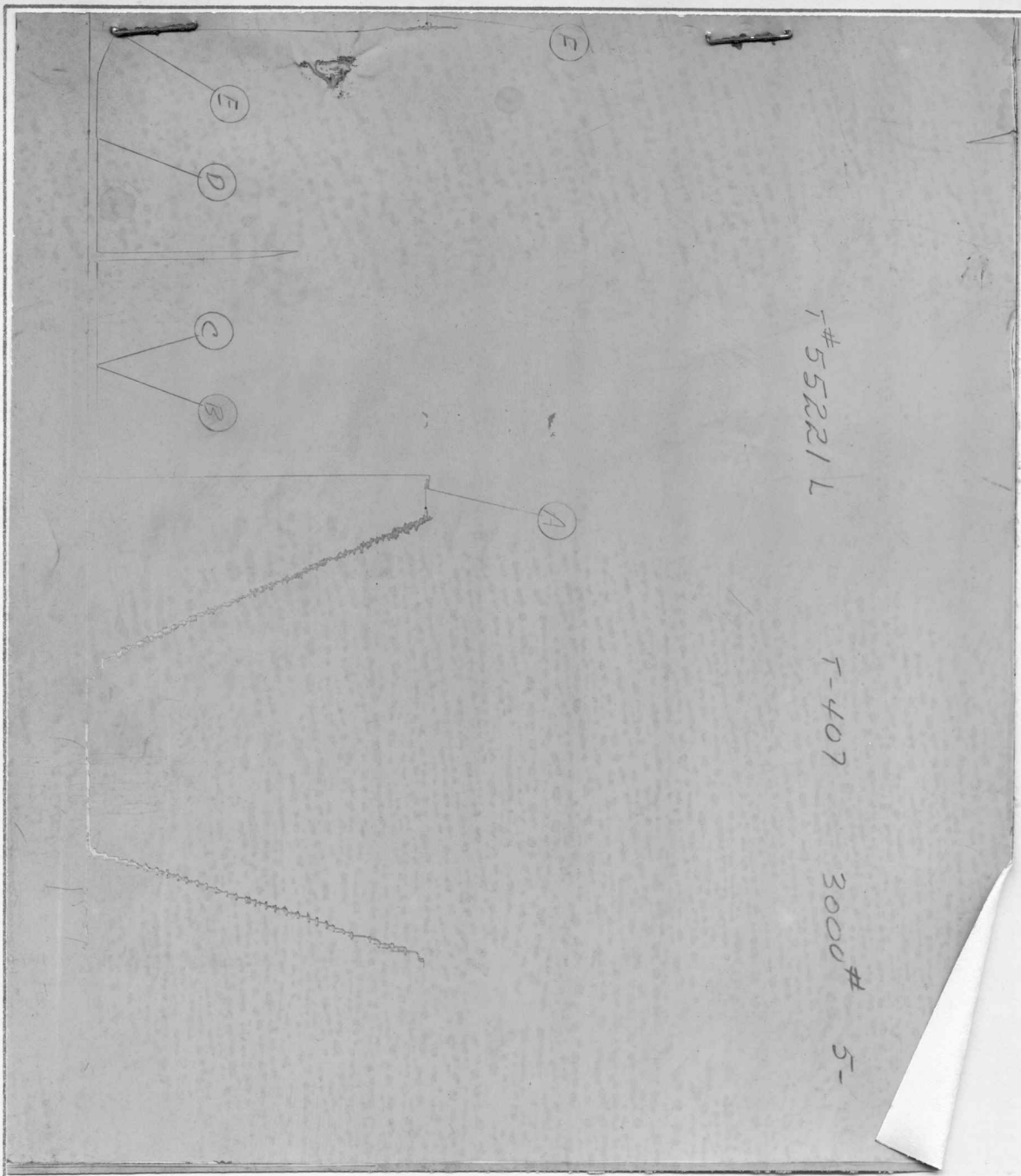
PRESSURE READING (P.S.I.G.)

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

A Initial Hyd. Mud. 1252
 B Initial Shut-in 38
 C Initial Flow 38
 D Final Flow 35
 E Final Shut-in 106
 F Final Hyd. Mud. 1250

REMARKS

PRESSURE



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 98 °F.

Date 5-27-59 Well Gemble #2 Field Intz-Simpson County Butler State Kansas
Formation Test No. 2 Casing Test No. - Test Interval 2502 1/2' to 2520 1/2' Test Ticket No. 57540 L
Company Cities Service Oil Company Address P.O. Box 632; El Dorado, Kansas
Tester C. B. Pettay Test Approved By Kint Dixon No. of DST Reports Requested 5
SURFACE INFORMATION
TOOL, HOLE & MUD DATA

Well Flowed: No Amount -
Type Test Conventional
Formation Tested Arbuckle Elevation 1350 Ft.All Depths Measured From kelly bushing

Reversed Out: No Amount -
2358' of 4 1/2" F.H. Drill
Pipe-----

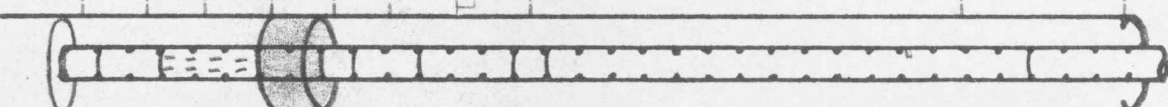
Recovered: Arbuckle water Amount 215'
Mud with a few specks of oil 30'
120' of 4 1/2" H-90 Drill
Collar-----

Blow Weak, increased to strong in 25 minutes and remained strong.

Maximum Surface Pressure -
Description (rate of flow) -
Time 8:40 PM Pressure (P.S.I.G.) - Surface Choke 3/4"

Opened Tool: Opened tool to surface 9:10 PM - "

4 1/2" F.H. Shut-in Hyd. Tool
3 1/2" F.H. Equalizing Valve
Cross-over Sub-----
5 1/4" Conv. Packer set at 2502 1/2'
8' of 3 1/2" F.H. Perf. Anchor-----
6' Recorder Carrier-----
4' Recorder Carrier-----



Remarks: -
Total Depth 2520 1/2' Ft.
Main Hole Size 7 7/8" Rat Hole Size 6 1/2" x 26'
Casing Size - Liner Size -
Bottom Choke Size 1/2" Mud Type Starch

TIME 

TIME DATA

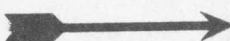
Initial Shut-in _____ Hrs. _____ 30 Mins.
 Flow Period _____ 1 Hrs. _____ Mins.
 Final Shut-in _____ Hrs. _____ 30 Mins.

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

Recorder No. _____ L-474
 Capacity (P.S.I.G.) _____ 4500
 Location _____ 2516'

A Initial Hyd. Mud. _____ 1319
 B Initial Shut-in _____ 1348 Undet.
 C Initial Flow _____ 1
 D Final Flow _____ 130
 E Final Shut-in _____ 950
 F Final Hyd. Mud _____ 1328

REMARKS

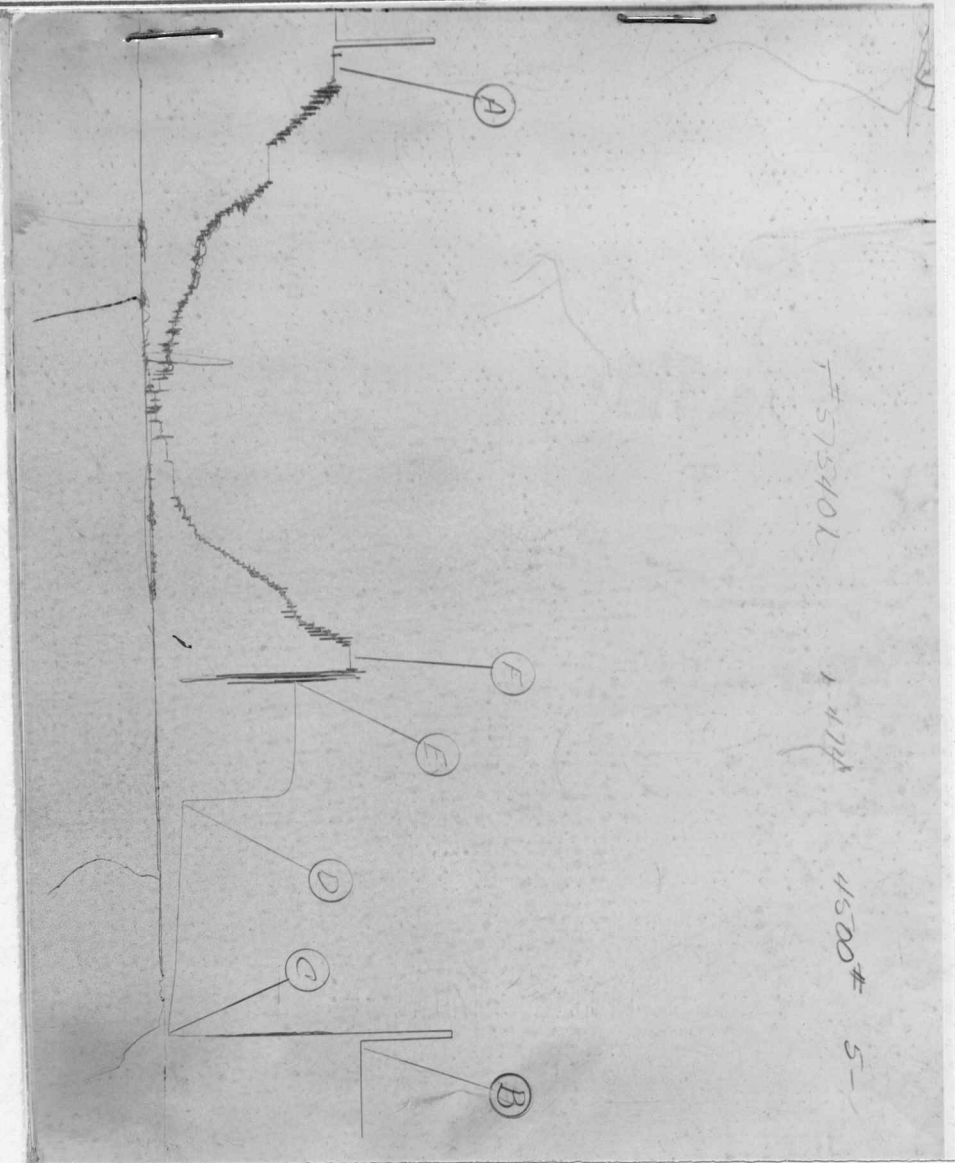
PRESSURE 

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 _____ 106 _____ °F.



Date 5-28-59 Well Gamble #2 Field Entz-Simpson County Butler State Kansas

Formation Test No. 3 Casing Test No. - Test Interval 2496' to 2502 Test Ticket No. 57541 L

Company Cities Service Oil Company Address P.O. Box 632; El Dorado, Kansas

Tester C. B. Pettay Test Approved By Kent Dixon No. of DST Reports Requested 5

SURFACE INFORMATION

Well Flowed: No Amount - Type Test Conventional Elevation 1350 Ft.

Formation Tested Arbuckle All Depths Measured From Kelly Bushing.

2353' of 4 1/2" F.H. Drill Pipe, 3.8" I.D. -

Reversed Out: No Amount -

120' of 4 1/2" H-90 Drill Collar -

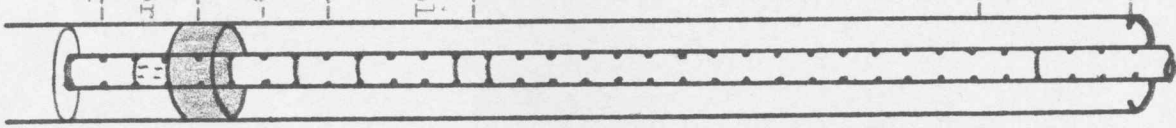
Recovered: Mud and salt water Amount 155'

Blow Very weak throughout test.

Maximum Surface Pressure - Time 2:30 AM Pressure (P.S.I.G.) - Surface Choke 3/4"

Opened Tool: Opened tool to surface 3:00 AM - 3/4"

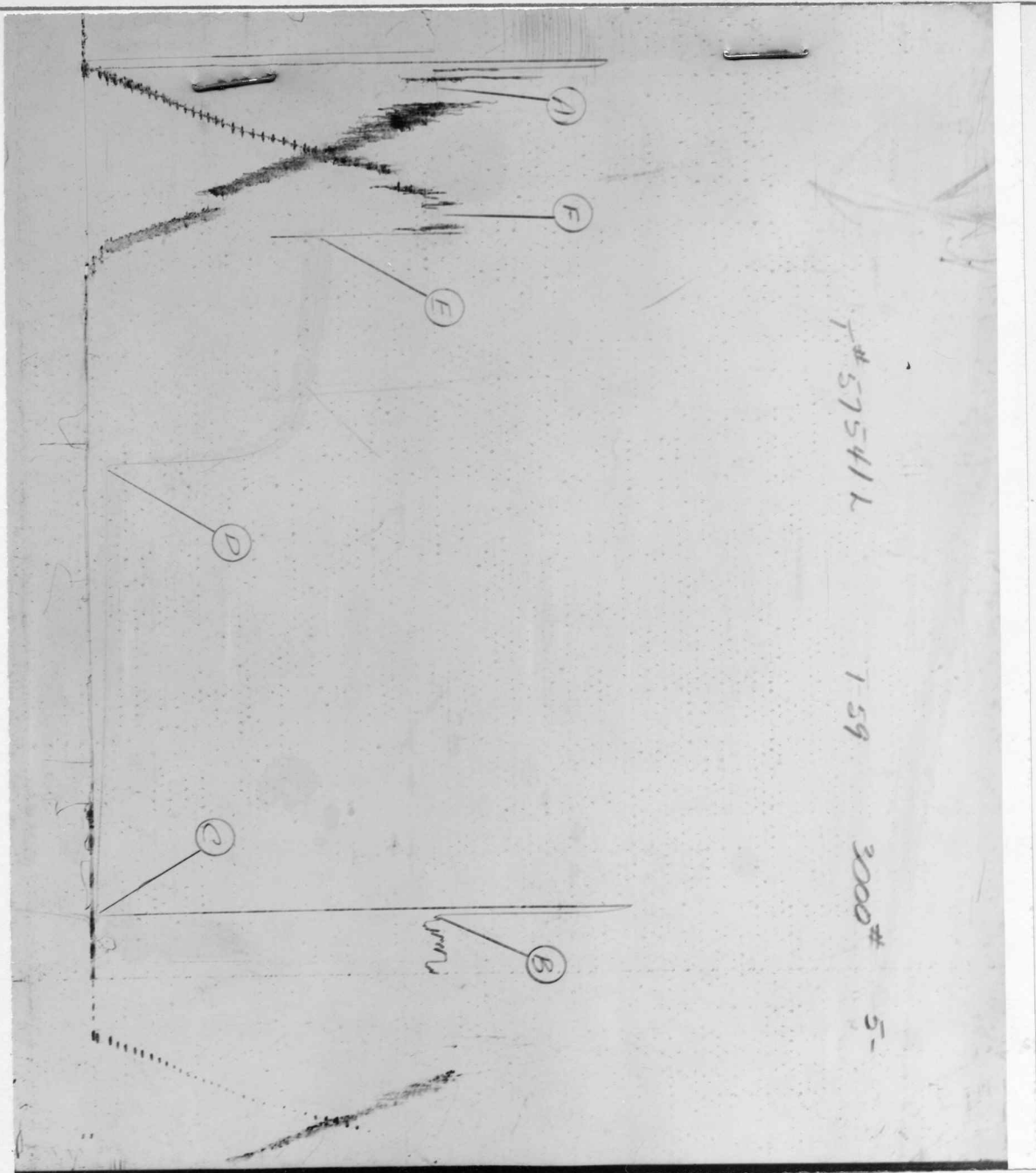
Double Pin Sub -
4 1/2" F.H. Shut-in Hyd. Tool
6' Recorder Carrier -
3 1/2" F.H. Equalizing Valve-
5 1/4" Bob Tail Packer set
@ 2496' -
2' of 3 1/2" F.H. Perf. Anchor
4' Recorder Carrier -



Remarks: -

Total Depth 2502 Ft.
Main Hole Size 7 7/8" Rat Hole Size 6 1/8"
Casing Size - Liner Size -
Bottom Choke Size 1/2" Mud Type Starch
0.8 Mud Viscosity 38

TIME →



← PRESSURE

TIME DATA

Initial Shut-in _____ Hrs. 30 Mins.
 Flow Period 2 Hrs. - Mins.
 Final Shut-in 1 Hrs. - Mins.

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

Recorder No. T-59
 Capacity (P.S.I.G.) 3000
 Location 2465'

A Initial Hyd. Mud. 1271
 B Initial Shut-in 1238 Undetermined
 C Initial Flow 17
 D Final Flow 75
 E Final Shut-in 848
 F Final Hyd. Mud 1271

REMARKS

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 113 °F.