OPEN HOLE TEST

JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

DATE 8-4-58

OPEN HOLE TEST NO. 1 WELL: Handkins #4

FIELD Rago COUNTY Kingman STATE Kansas

NW NW NW Sec 34-29s-7w

COMPANY O. A. Sutton

ADDRESS 407 Insurance Building; Wichita, Kansas

TEST APPROVED BY Richard K. Grant

JOHNSTON OPERATOR Joe P. Johnson TICKET NO. 43582 N

34-29s-7w

GENERAL TEST DATA

TYPE TEST Conventional TOTAL DEPTH 4142'

1. Test Interval: 4117' To 4142'
2. Tool Open 1 Hrs. - Min
3. Initial Shut In - Hrs. - Min
4. Final Shut In - Hrs. 30 Min
5. Choke: Top 5/8" Bottom 3/4"
6. Fluid Recovery 35' Total,

35' Slightly gas cut mud

7. Fluid Cushion: Type None Amount
8. Air Chamber Amount None Size:
9. Did Packer(s) Hold? Yes
10. Did Tool Plug? No Where?
11. Was Test Reversed Out? No

REMARKS:

SURFACE INFORMATION

1. Blow: Good blow.
2. Maximum Surface Pressure - Did Well Flow? Yes, gas

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
Opened tool	1:05 PM	-	5/8"
Gas to surface	1:30 PM	-	-

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type Gel. Weight 10.0 Viscosity 42

HOLE: Main Hole Size. 7-7/8" Drill Pipe Size 4-½" F. H.

Rat Hole Size: None

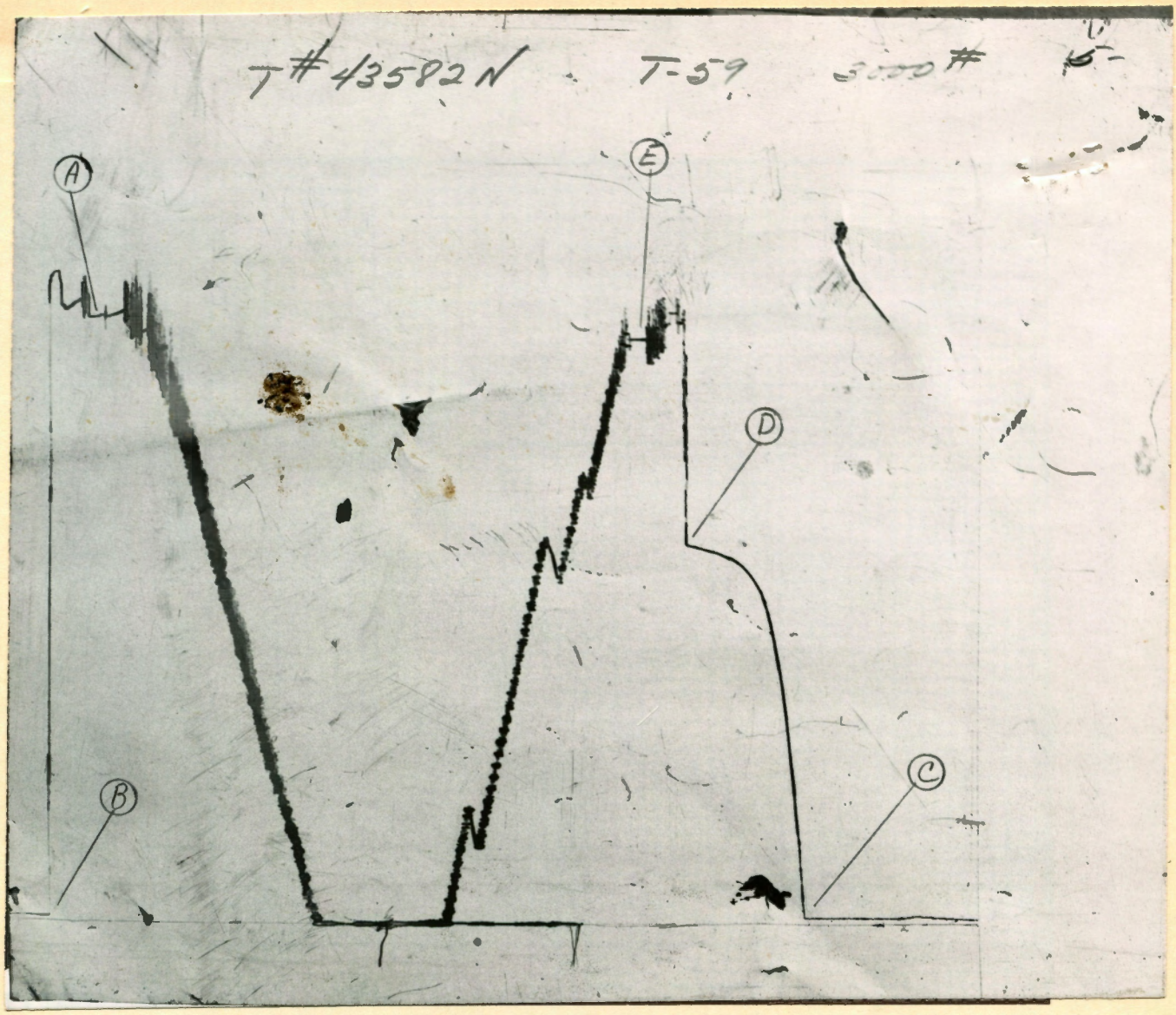
JOHNSTON TOOLS:

1. Packer(s): Type Bob Tail O.D. 6- 5/8" Type O.D.
   Set At 4117' Set At
2. Extra Equipment:

None.

Number of Copies Requested: 5

T#43582 N T-59 3000# 6-



TIME: EACH SMALL SQUARE_____MINS.

t Ticket No. 43582 N
art Number

Pressure Recorder:
No. T-59
Cap. 3000#
Location 4136'

PRESSURE DATA		Point	Pressure	Point	Pressure
Initial Hydrostatic Mud	2148				
Initial Flow	19				
Final Flow	19				
Final Shut-in	1357				
Final Hydrostatic Mud	2092				
"Initial Shut-in"					

marks: Well Temperature 120°F.

OPEN HOLE TEST

JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

DATE 8-5-58

OPEN HOLE TEST NO. 2 WELL: Handkins #4

FIELD Rago COUNTY Kingman STATE Kansas

NW NW NW Sec. 34-29S-7W

COMPANY O. A. Sutton

ADDRESS 407 Insurance Building; Wichita, Kansas

TEST APPROVED BY Richard K. Grant

JOHNSTON OPERATOR Joe P. Johnson TICKET NO. 43583 N

GENERAL TEST DATA

TYPE TEST Conventional TOTAL DEPTH 4162'

1. Test Interval: 4152' To 4162'
2. Tool Open 1 Hrs. - Min
3. Initial Shut In - Hrs. - Min
4. Final Shut In - Hrs. 30 Min
5. Choke: Top 5/8" Bottom 3/4"
6. Fluid Recovery 140' Total,

140' Gas and mud cut oil.

7. Fluid Cushion: Type None Amount
8. Air Chamber Amount None Size:
9. Did Packer(s) Hold? Yes
10. Did Tool Plug? No Where?
11. Was Test Reversed Out? No

REMARKS:

SURFACE INFORMATION

1. Blow: Good blow.
2. Maximum Surface Pressure - Did Well Flow? Yes, gas

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke
Opened tool	4:15 AM	-	5/8"
Gas to surface	4:55 AM	-	-

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type Gel. Weight 10.0 Viscosity 42

HOLE: Main Hole Size: 7-7/8" Drill Pipe Size 4-½" F. H.

Rat Hole Size: None

JOHNSTON TOOLS:

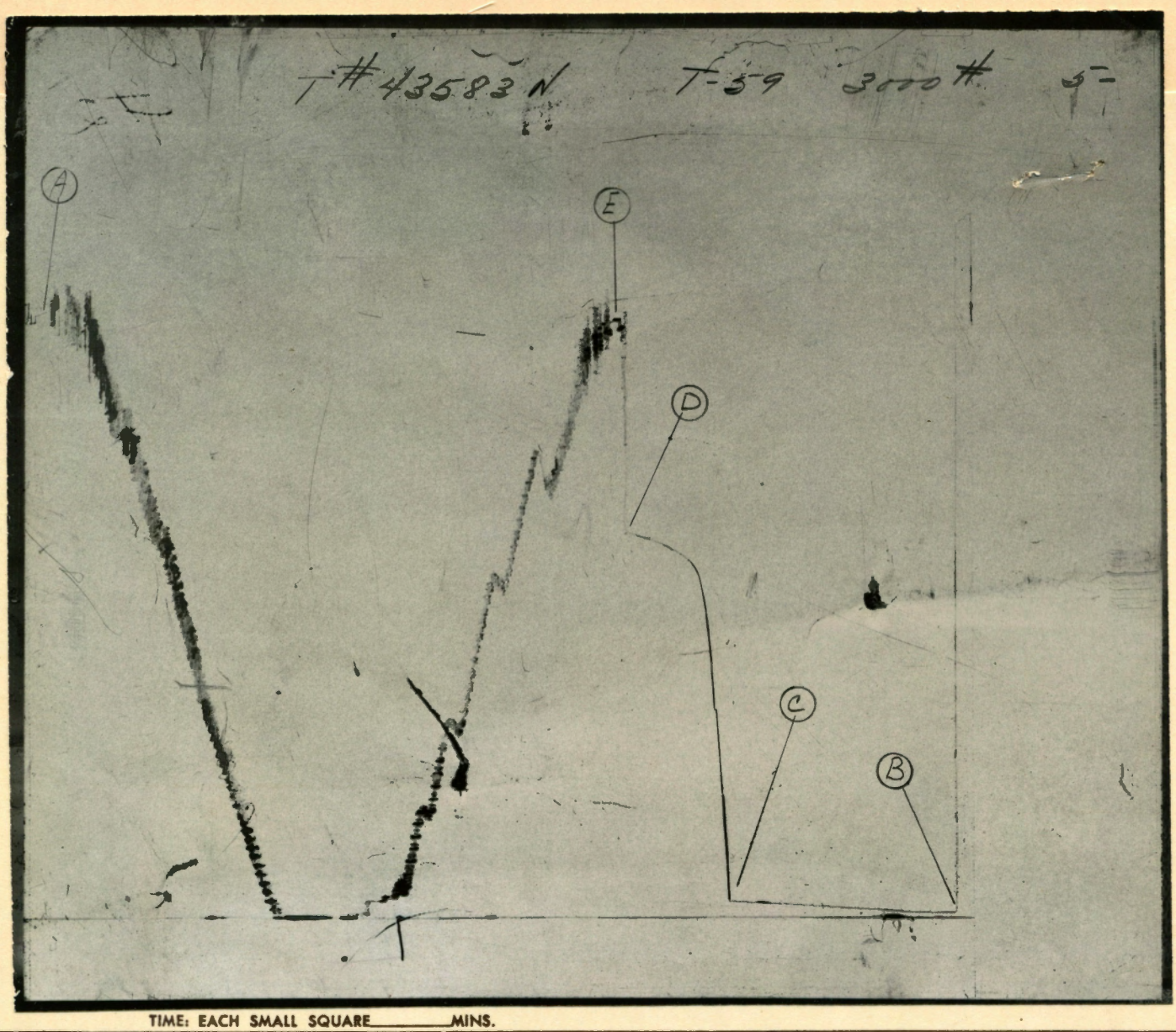
1. Packer(s): Type Bob Tail O.D. 6-5/8" Type O.D.

Set At 4152' Set At

2. Extra Equipment:

None.

Number of Copies Requested: 5



TIME: EACH SMALL SQUARE _____ MINS.

t Ticket No. 43583 N
art Number _____

Pressure Recorder:

No. T-59
Cap. 3000#
Location 4156'

PRESSURE DATA		Point	Pressure	Point	Pressure
Initial Hydrostatic Mud	2221				
Initial Flow	21				
Final Flow	57				
Final Shut-In	1408				
Final Hydrostatic Mud	2198				
"Initial Shut-In"					

narks: Well Temperature 120°F.

OPEN HOLE TEST

JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, California - Calgary, Canada

DATE 8-5-58

OPEN HOLE TEST NO. 3 WELL: Handkins #4

FIELD Rago COUNTY Kingman STATE Kansas

NW NW NW Sec. 34-29s-7w

COMPANY O. A. Sutton

ADDRESS 407 Insurance Building; Wichita, Kansas

TEST APPROVED BY R. K. Grant

JOHNSTON OPERATOR Joe P. Johnson TICKET NO. 43584 N

GENERAL TEST DATA

TYPE TEST Conventional TOTAL DEPTH 4190'

1. Test Interval: 4163' To 4190'
2. Tool Open - Hrs. 40 Min
3. Initial Shut In - Hrs. - Min
4. Final Shut In - Hrs. 20 Min
5. Choke: Top 5/8" Bottom 3/4"
6. Fluid Recovery 40' Total,

40' Drilling mud

7. Fluid Cushion: Type None Amount
8. Air Chamber Amount None Size:
9. Did Packer(s) Hold? Yes
10. Did Tool Plug? No Where?
11. Was Test Reversed Out? No

REMARKS:

SURFACE INFORMATION

1. Blow: Fair blow.
2. Maximum Surface Pressure - Did Well Flow? No

Description Or Rate of Flow	Time	Max. Pressure	Size Surface Choke

MUD, HOLE, & TOOL DATA

MUD, HOLE & JOHNSTON TOOL DATA

MUD: Type Gel. Weight 10.0 Viscosity 42

HOLE: Main Hole Size: 7-7/8" Drill Pipe Size 4-½" F. H.

Rat Hole Size: None

JOHNSTON TOOLS:

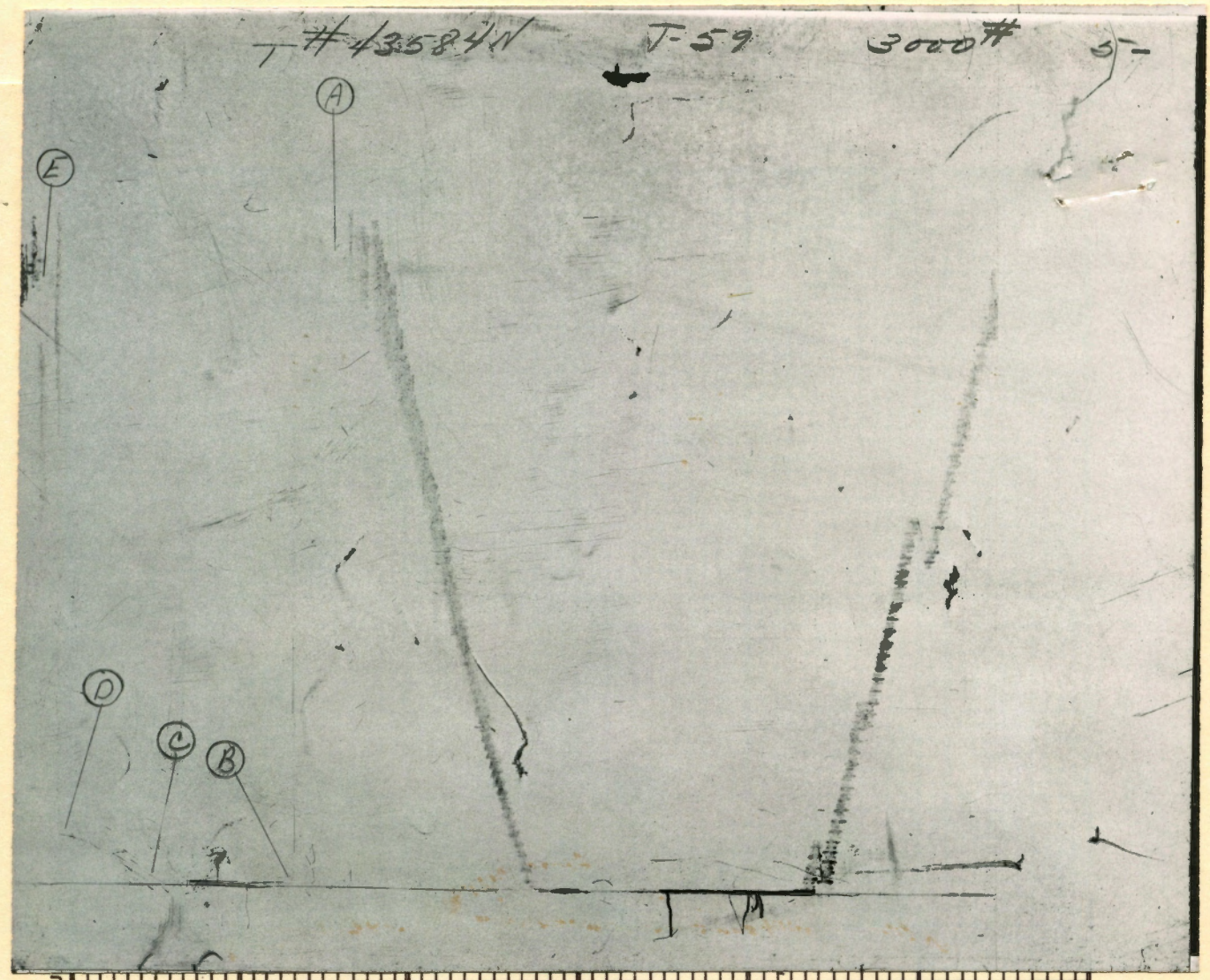
1. Packer(s): Type Bob Tail O.D. 6-5/8" Type O.D.

Set At 4163' Set At

2. Extra Equipment:

None.

Number of Copies Requested: 5



TIME: EACH SMALL SQUARE_____MINS.

t Ticket No. 43584 N
art Number

Pressure Recorder:

No. T-59
Cap. 3000#
Location 4184'

PRESSURE DATA		Point	Pressure	Point	Pressure
Initial Hydrostatic Mud	2198				
Initial Flow	12				
Final Flow	33				
Final Shut-In	177				
Final Hydrostatic Mud	2158				
"Initial Shut-In"					

arks: Well Temperature 120°F.