Home Office: Great Bend, Kansas
P. O. Box 393 GLadstone 3-7903

COMPANY Hinkle Oil Company WELL Coebel #2
DATE 9-14-59 COUNTY Hodgeman STATE Kansas
TEST NO. #1 TICKET NO. 7890-K TYPE TEST open hole (conventional)
TEST APPROVED BY James Rath WESTERN REPRESENTATIVE Paul I. Engler

TEST DATA:

Tested From 4235' To 4246' Depth 4246'
Hydrostatic Mud Pressure—Initial (A) 2400# Final (E) 2400#
Flow Pressure—Initial (B) 0 Final (C) 0
Bottom Hole Pressure—Initial (F) 0 Final (D) 0
Tool Open - - - Hr. 10 Min.; Shut-in-Initial - - - Hr. 15 Min.; Shut-in-Final - - Hr. 15 Min.
Chokes; Surface 3/4" Bottom 3/4" Fluid Cushion: Type None Amount None
Recovery:
4' Drilling mud.

SURFACE DATA:

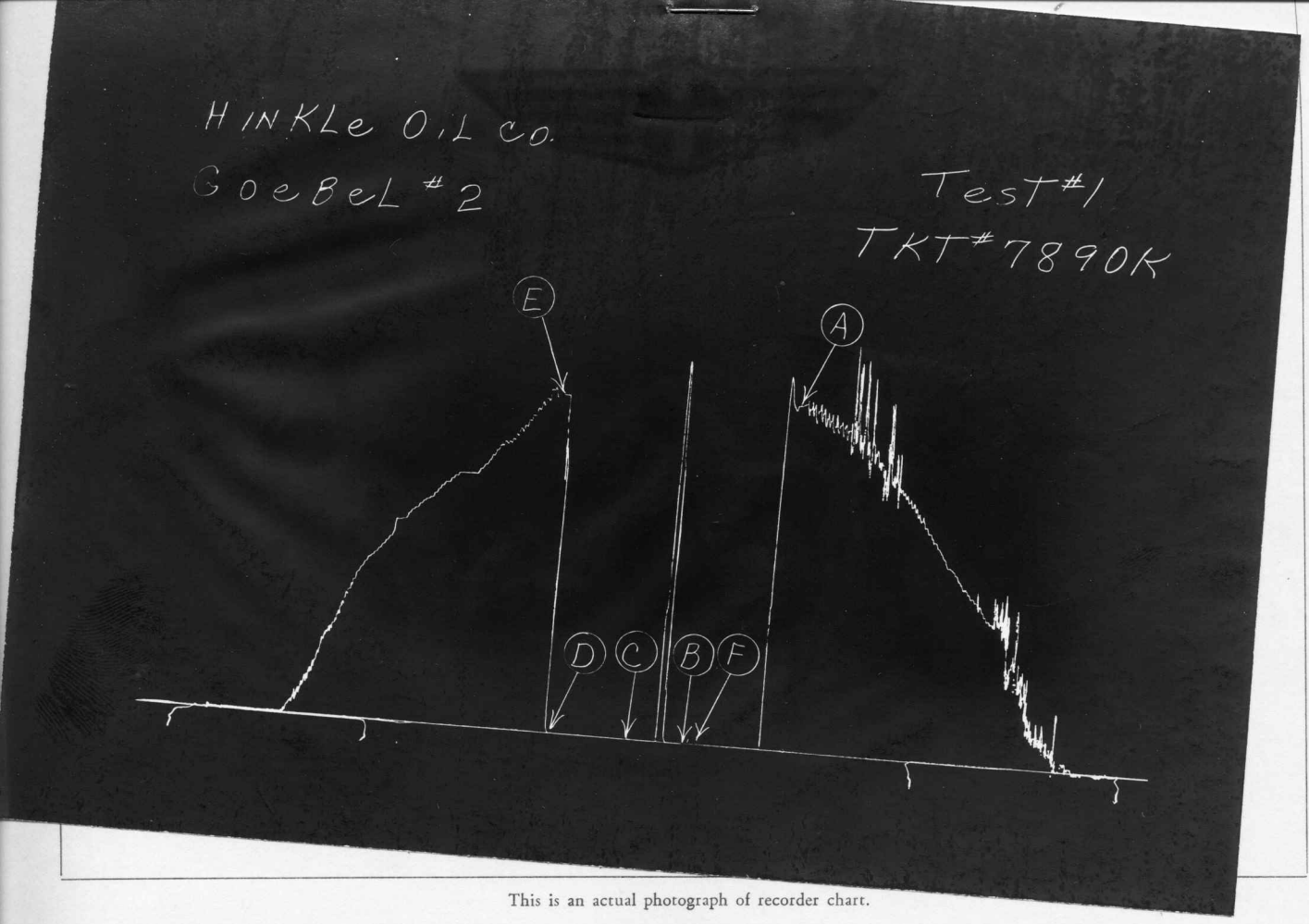
BLOW: Very weak 2 minutes. Flushed tool
Maximum Surface Pressure None Did Well Flow? No

Description of Flow	Time	Max. Pressure	Size Surface Choke

GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole - - - Drill Pipe Size 4½" F.H.
Hole Condition OK Mud Weight 10. Viscosity 53
Type Pressure Recorder Western Recorder No. 23 & 24 Date Calib. 2-1-59
Extra Equipment: Dual Packer Yes Jars - - - Safety Joint - - -
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken
Number of Copies Requested Five

REMARKS:



This is an actual photograph of recorder chart.

PRESSURE DATA	Point	Pressure
(A) Initial Hydrostatic Mud	2400#	
(B) Initial Flow	0	
(C) Final Flow	0	
(D) Final Shut-In	0	
(E) Final Hydrostatic Mud	2400#	
(F) Initial Shut-In	0	

Company HINKLE OIL COMPANY Lease and Well No. GOEBEL #2 Test No. 1 Date 9-14-59

Home Office: Great Bend, Kansas
P. O. Box 393 GLadstone 3-7903

COMPANY Hinkle Oil Company WELL Goebel #2
DATE 9-15-59 COUNTY Hodgeman STATE Kansas
TEST NO. #2 TICKET NO. 9436-K TYPE TEST open hole (conventional)
TEST APPROVED BY James Roth WESTERN REPRESENTATIVE W. A. Burch

TEST DATA:

Tested From 4440' To 4450' Depth 4450#
Hydrostatic Mud Pressure—Initial (A) 2420# Final (E) 2420#
Flow Pressure—Initial (B) 0 Final (C) 10#
Bottom Hole Pressure—Initial (F) 1440# Final (D) 180#
Tool Open 1 Hr. - - - Min.; Shut-in-Initial - - - Hr. 15 Min.; Shut-in-Final - - - - Hr. 15 Min.
Chokes; Surface ½" Bottom 3/4" Fluid Cushion: Type - - - - Amount - - - -
Recovery:

90' Heavy oil cut mud.

SURFACE DATA:

BLOW: Good

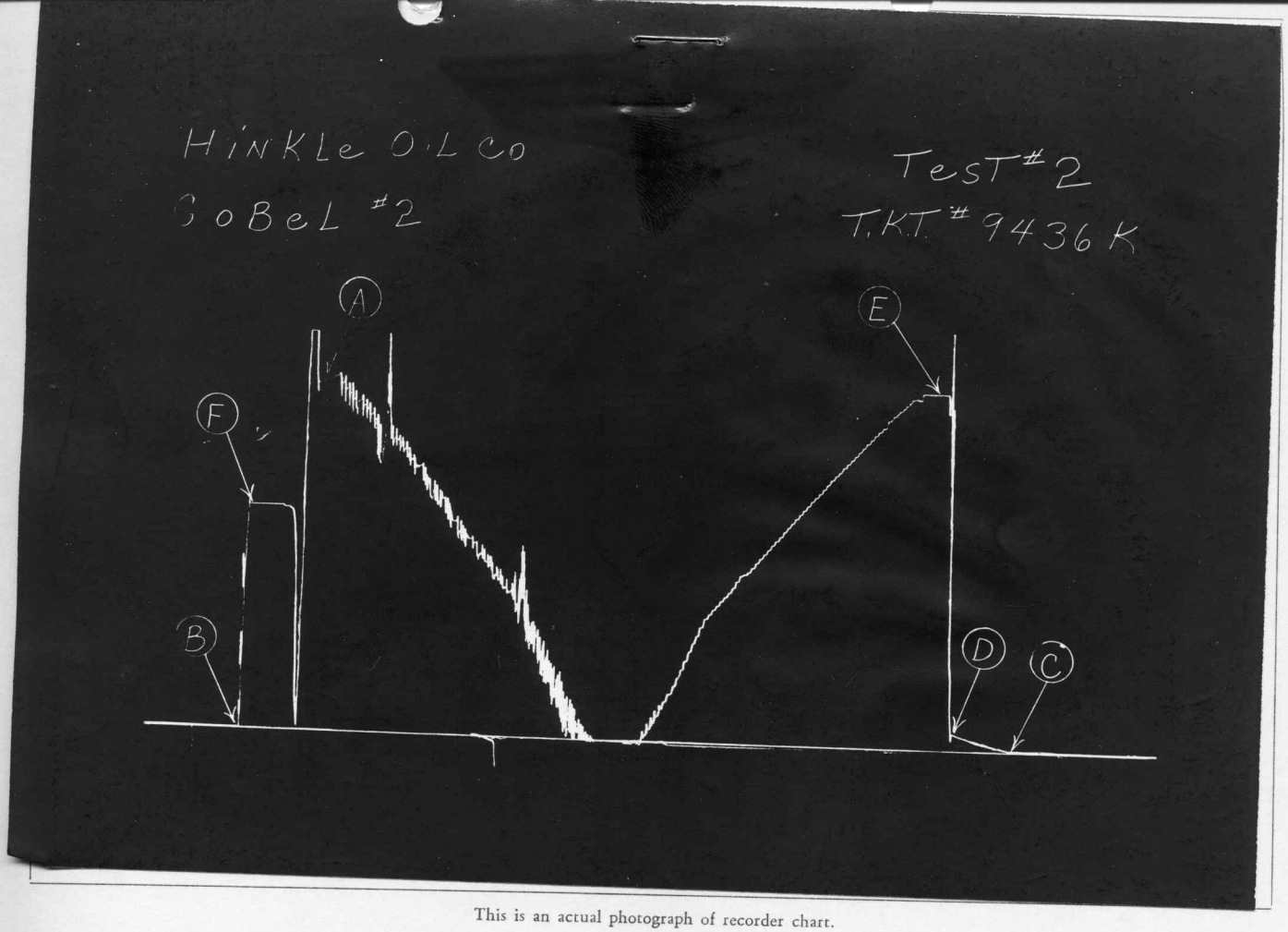
Maximum Surface Pressure Did Well Flow?

Description of Flow	Time	Max. Pressure	Size Surface Choke

GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole - - - - Drill Pipe Size 4½" F.H.
Hole Condition Good Mud Weight 9.0 Viscosity 47
Type Pressure Recorder Western Recorder No. 19-20 Date Calib. 6-15-59
Extra Equipment: Dual Packer Yes Jars No Safety Joint No
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken
Number of Copies Requested Five

REMARKS:



This is an actual photograph of recorder chart.

PRESSURE DATA		Point	Pressure
(A) Initial Hydrostatic Mud	2420#		
(B) Initial Flow	0		
(C) Final Flow	10#		
(D) Final Shut-In	180#		
(E) Final Hydrostatic Mud	2420#		
(F) Initial Shut-In	1440#		

Company HINKLE OIL COMPANY Lease and Well No. GOBEL #2 Test No. 2 Date 9-15-59

Home Office: Great Bend, Kansas
P. O. Box 393 GLadstone 3-7903

COMPANY Winkle Oil Company WELL Goebel #2
DATE 9-16-59 COUNTY Hodgeman STATE Kansas
TEST NO. #3 TICKET NO. 9437-K TYPE TEST open hole (conventional)
TEST APPROVED BY James Roth WESTERN REPRESENTATIVE W. A. Burch

TEST DATA:

Tested From 4450' To 4465' Depth 4465'
Hydrostatic Mud Pressure—Initial (A) 2140# Final (E) 2140#
Flow Pressure—Initial (B) 0 Final (C) 10#
Bottom Hole Pressure—Initial (F) 1280# Final (D) 660#
Tool Open 1 Hr. - - - Min.; Shut-in-Initial - - - Hr. 15 Min.; Shut-in-Final - - - - Hr. 30 Min.
Chokes; Surface 3/4" Bottom 3/4" Fluid Cushion: Type - - - - Amount - - - -
Recovery:
110' Very heavy oil cut mud.

SURFACE DATA:

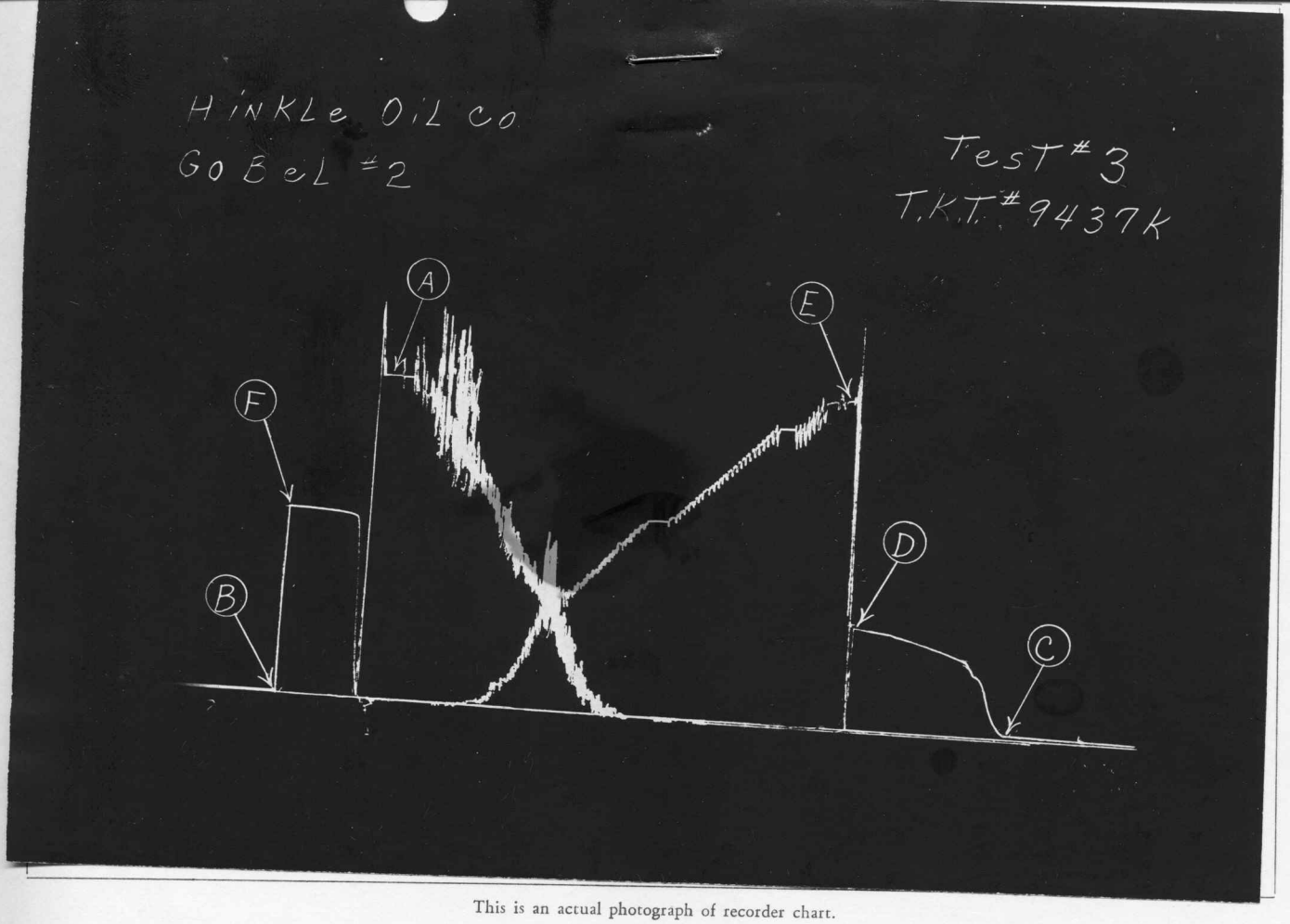
BLOW: Good blow
Maximum Surface Pressure Did Well Flow?

Description of Flow	Time	Max. Pressure	Size Surface Choke

GENERAL OPERATIONAL DATA:

Hole Size: Main Hole 7 7/8" Rat Hole - - - - Drill Pipe Size 4½" F.H.
Hole Condition Good Mud Weight 9.0 Viscosity 45
Type Pressure Recorder Western Recorder No. 19-20 Date Calib. 45
Extra Equipment: Dual Packer Yes Jars No Safety Joint No
Was Test Recovery Reversed Out? No Bottom Hole Temperature Not taken
Number of Copies Requested Five

REMARKS:



This is an actual photograph of recorder chart.

PRESSURE DATA		Point	Pressure
(A) Initial Hydrostatic Mud	2440#		
(B) Initial Flow	0		
(C) Final Flow	10#		
(D) Final Shut-In	660#		
(E) Final Hydrostatic Mud	2440#		
(F) Initial Shut-In	1280#		

Company HINKLE OIL COMPANY Lease and Well No. GOEBEL #2 Test No. 3 Date 9-16-59