

GILFIELD TESTERS, Inc.

FORMATION TESTING

Post Office Box 451
GREAT BEND, KANSAS

8-335-12W

C NE-SW

COMPANY Bowers Drilling Company, Inc. DATE 2-13-63
LEASE & WELL NO. Boggs # 1 TYPE TEST Open Hole TEST NO. 1
STATE Kansas COUNTY Barber TICKET NO. 1312
Representative Earl Baker, Jr. Approved By Robert McCann
Mud Weight 9.6 Viscosity 38 Water Loss 13
Size Hole 7 7/8 Hole Condition Good
Dual Packers Yes Jars No Safety Joint No
Bottom Hole Temperature No Date Recorder Calibrated 7-11-62

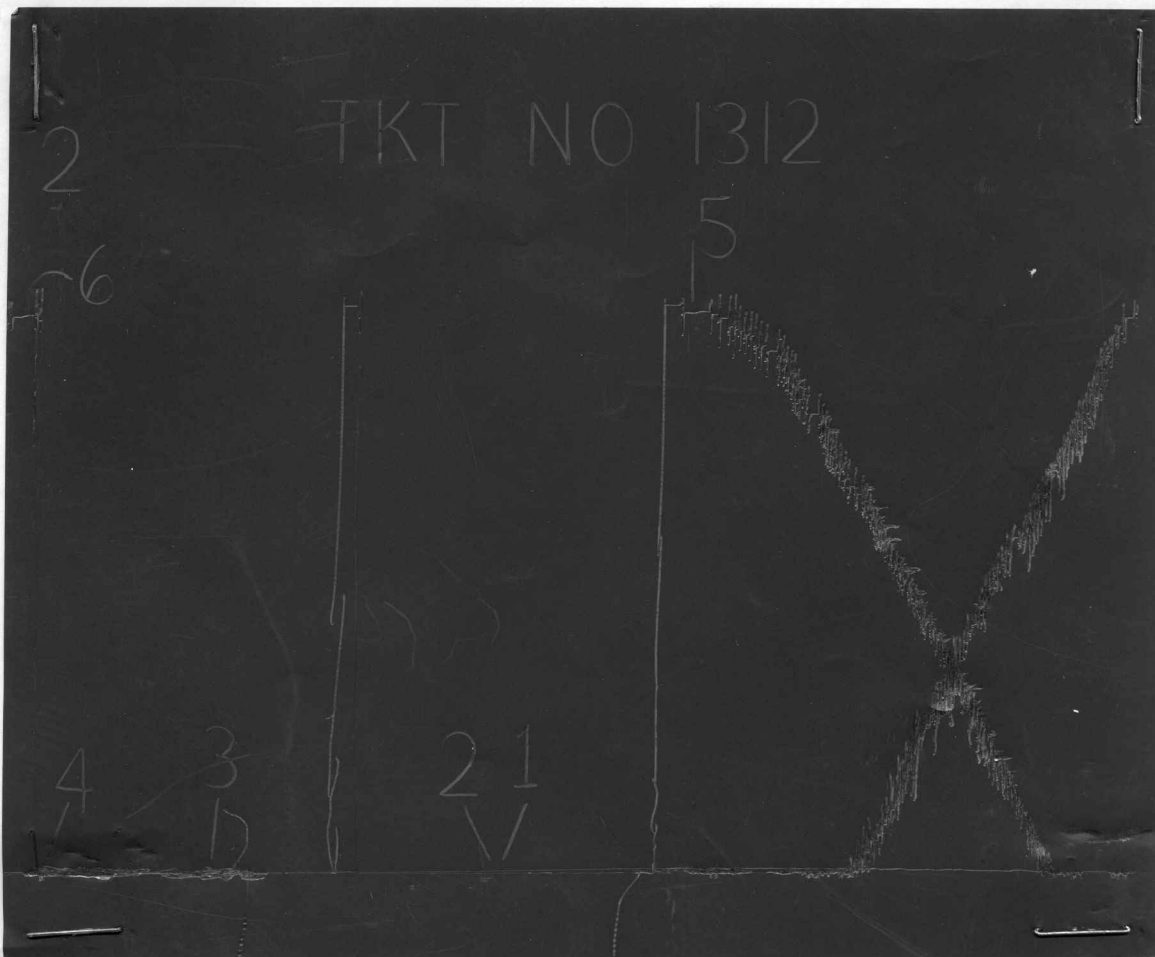
BLOW: Very weak 6 minutes, died; flushed tool; weak surge and dead rest of test.

Did Well Flow? No

Depth 4463 Tested From 4439 To 4463
Tool Open 1 Hr. - Min. Chokes Top 3/4 Bottom 3/4
Initial Shutin Pressure - Hr. 30 Min. Final Shutin Pressure - Hr. 30 Min.

RECOVERY: 12' fluid

Bottom Hole S I P—Initial	(1)	0	Final (4)	0
Flow Pressure — Initial	(2)	0	Final (3)	0
Hydrastatic Pressure — Initial	(5)	2252	Final (6)	2252



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COMPANY Bowers Drilling Company, Inc. DATE February 16, 1963
LEASE & WELL NO. Boggs #1 TYPE TEST Open Hole TEST NO. 2
STATE Kansas COUNTY Barber TICKET NO. 1313
Representative Earl Baker, Jr. Approved By Robert McCain

Mud Weight 10.1 Viscosity 46 Water Loss 14
Size Hole 7 7/8 Hole Condition Good
Dual Packers Yes Jars Yes Safety Joint Yes
Bottom Hole Temperature No Date Recorder Calibrated 7-11-62

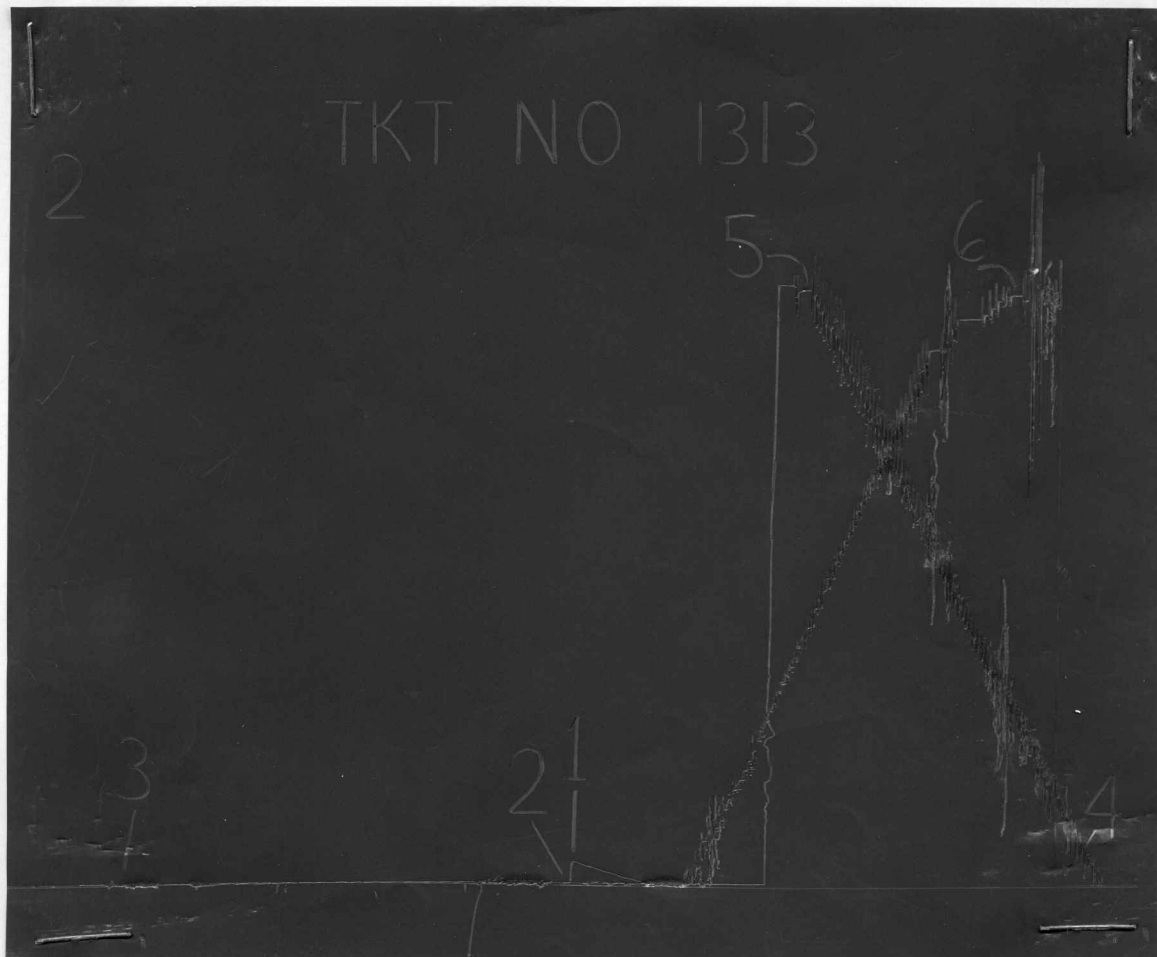
BLOW: Increased to 7" under water in 1 hour, decreased to 6" under at end of test.

Did Well Flow? No

Depth 4784 Tested From 4747 To 4784
Tool Open 1 Hr. 30 Min. Chokes Top 3/4 Bottom 3/4
Initial Shutin Pressure = Hr. 30 Min. Final Shutin Pressure = Hr. 30 Min.

RECOVERY: 65' oil speck drilling mud.

Bottom Hole S I P—Initial (1) 200 Final (4) 75
Flow Pressure — Initial (2) 0 Final (3) 0
Hydrastatic Pressure — Initial (5) 2460 Final (6) 2460



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COMPANY Bowers Drilling Company, Inc. DATE February 18, 1963
 LEASE & WELL NO. Boggs # 1 TYPE TEST Open Hole TEST NO. 3
 STATE Kansas COUNTY Barber TICKET NO. 1314
 Representative Earl Baker, Jr. Approved By Robert McCann

Mud Weight 9.5 Viscosity 48 Water Loss 14
 Size Hole 7 7/8 Hole Condition Good
 Dual Packers Yes Jars Yes Safety Joint Yes
 Bottom Hole Temperature _____ Date Recorder Calibrated 7-11-62

BLOW: Very ~~weak~~ weak for 10 minutes, died, flushed too, very weak
5 minutes, dead rest of test.

Did Well Flow? No

Depth 4896 Tested From 4885 To 4896
 Tool Open 1 Hr. - Min. Chokes Top 3/4 Bottom 3/4
 Initial Shutin Pressure = Hr. 30 Min. Final Shutin Pressure = Hr. 30 Min.

RECOVERY: 70' very slightly watery drilling mud.

Bottom Hole S I P—Initial (1) 1732 Final (4) 1321
 Flow Pressure — Initial (2) 0 Final (3) 0
 Hydrastatic Pressure — Initial (5) 2490 Final (6) 2490

