

# SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS 67530

DATE Nov 5, 1988

COMPANY BOWERS DRILLING

ADDRESS 125 NORTH MARKET SUITE 1425

LEASE HAAS WELL NO. 10 COUNTY BARBER

DEPTH 3745 TESTED FROM 3731 TO 3745 TEST NO. 2

TOOL JT. 4 1/2 FH SIZE HOLE 7 7/8 SIZE PACKER 6 5/4 MIS-RUN NO. \_\_\_\_\_

INITIAL HYD. 1957\* FINAL HYD. 1931\* SUCCESSFUL NO. \_\_\_\_\_

INITIAL SHUT-IN HR. 30 MIN.: TOOL OPEN HR. 20 MIN.: FINAL SHUT-IN HR. 30 MIN.

INVOICES SENT TO: WICHITA KS. 67202

INITIAL FLOW PERIOD 20 MINUTES

BLOW: STRONG TO SLOWLY DECREASING

REMARKS: GAS TO SURFACE 10 MIN 2ND OPEN

RECOVERY: 270 TOTAL FLUID

30' GASSY MUD

60' GASSY WATERY MUD

180' GASSY MUDDY WATER

INITIAL SHUT-IN PRESSURE 1090\* INITIAL FLOW PRESSURE 58-75\* FINAL FLOW PRESSURE 117-142\*

FINAL SHUT-IN PRESSURE 1074\* FIELD ORDER NO. \_\_\_\_\_ PRICE OF JOB \$400.00

EXTRA EQUIPMENT \_\_\_\_\_ OPERATOR TIME \_\_\_\_\_

## SWIFT FORMATION TESTERS

Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY: [Signature]

OUR REPRESENTATIVE [Signature]

TICKET N<sup>o</sup> 5114

# SWIFT FORMATION TESTERS

1309 VAN FLEET      PHONE 793,5177

GREAT BEND, KANSAS

Date November 5, 1988

Test No. 2

Company Bowers Drilling

Test Ticket No. 5114 County Barber Lease Haas Well 10

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 20 Min. Final Shut-In - Hr. 30 Min.

Interval Tested 3731 to 3745 Total Depth 3745

Blow: Strong to slowly decreasing - 20 Minutes Initial Flow Period  
Gas to surface 10 min. 2nd open

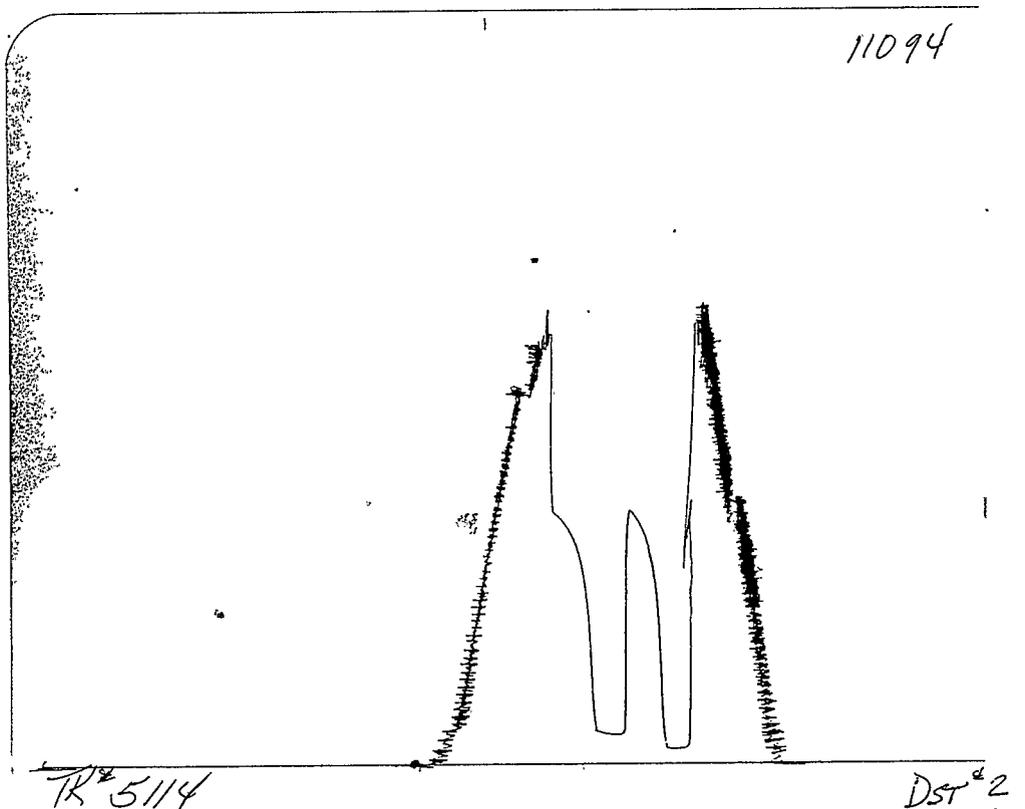
Recovery and Remarks: 270' Total Fluid - 30' Gassy Mud

60' Gassy watery mud

180' Gassy muddy water

Initial BHP: 1090# Final BHP: 1074# Initial FP: 58-75# Final FP: 117-142#

Tester Greg Call Approved By: J. C. Musgrove



# SWIFT FORMATION TESTERS

1309 VAN FLEET PHONE 793,5177

GREAT BEND, KANSAS

Date November 5, 1988 Test No. 2

Company Bowers Drilling

Test Ticket No. 5114 County Barber Lease Haas Well 10

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 20 Min. Final Shut-In - Hr. 30 Min.

Interval Tested 3731 to 3745 Total Depth 3745

Blow: Strong to slowly decreasing - 20 Minutes Initial Flow Period  
Gas to surface 10 min. 2nd open

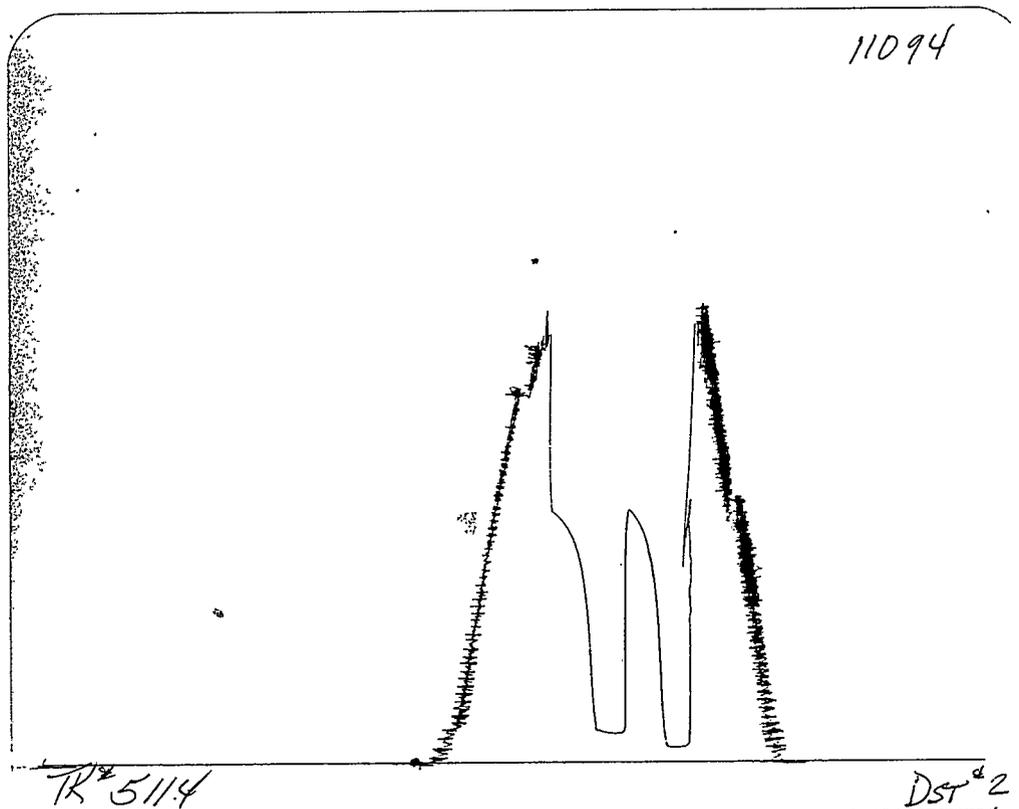
Recovery and Remarks: 270' Total Fluid - 30' Gassy Mud

60' Gassy watery mud

180' Gassy muddy water

Initial BHP: 1090# Final BHP: 1074# Initial FP: 58-75# Final FP: 117-142#

Tester Greg Call Approved By: J. C. Musgrove



# SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS

Date November 5, 1988

Test No. 2

Company Bowers Drilling

Test Ticket No. 5114 County Barber Lease Haas Well 10

Initial Shut-In - Hr. 30 Min. Tool Open - Hr. 20 Min. Final Shut-In - Hr. 30 Min.

Interval Tested 3731 to 3745 Total Depth 3745

Blow: Strong to slowly decreasing - 20 Minutes Initial Flow Period  
Gas to surface 10 min. 2nd open

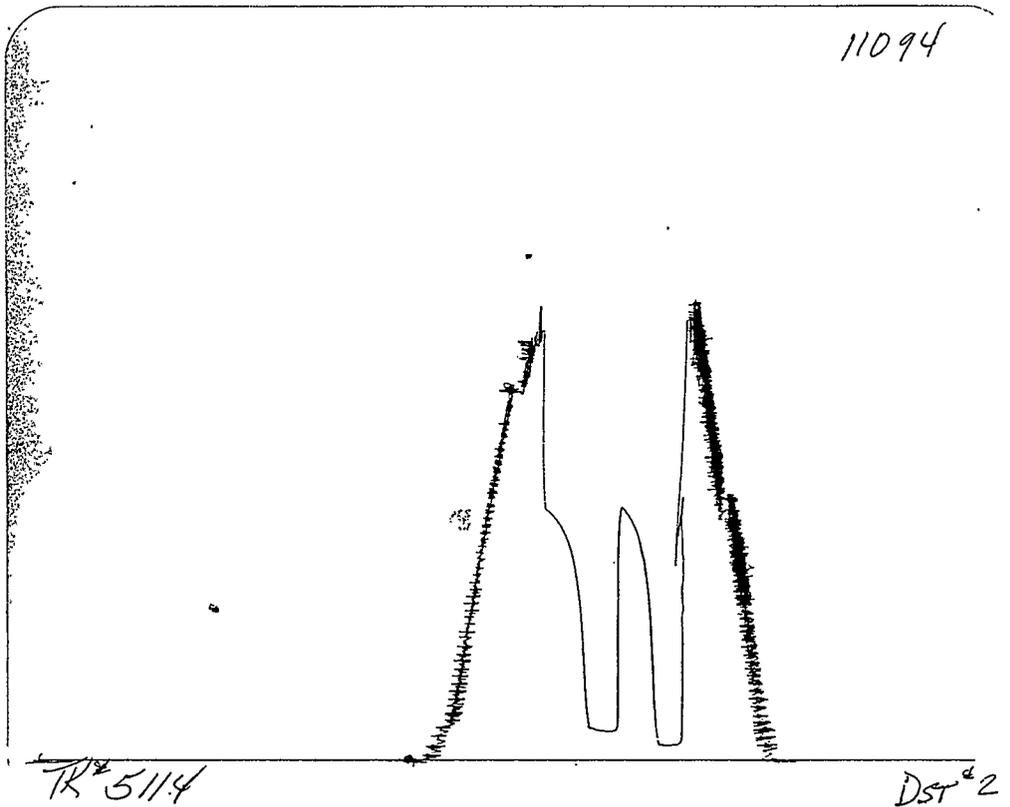
Recovery and Remarks: 270° Total Fluid - 30° Gassy Mud

60° Gassy watery mud

180° Gassy muddy water

Initial BHP: 1090# Final BHP: 1074# Initial FP: 58-75# Final FP: 117-142#

Tester Greg Call Approved By: J. C. Musgrove



# SWIFT FORMATION TESTERS

4-31-12

1309 VAN FLEET PHONE 793-5177

GREAT BEND, KANSAS 67530

DATE Nov 5, 1988

COMPANY BOWERS DRUG.

ADDRESS \_\_\_\_\_

LEASE HAAS WELL NO. 10 COUNTY BARBER

DEPTH 3740 TESTED FROM 3729 TO 3740 TEST NO. 1

TOOL JT. 4 1/2 FH SIZE HOLE 7 7/8 SIZE PACKER 6 3/4 MIS-RUN NO. 1

INITIAL HYD. 1832\* FINAL HYD. 1816\* SUCCESSFUL NO. \_\_\_\_\_

INITIAL SHUT-IN \_\_\_\_\_ HR. \_\_\_\_\_ MIN.: TOOL OPEN \_\_\_\_\_ HR. 5 MIN.: FINAL SHUT-IN \_\_\_\_\_ HR. 20 MIN.

INVOICES SENT TO: \_\_\_\_\_

INITIAL FLOW PERIOD 30 MINUTES

BLOW: WEAK SPORADIC TO DEAD AFTER 15 MIN. - FLUSH TOOL

REMARKS: NO BLOW 2<sup>ND</sup>

SEID APPROX. 10' TO BOTTOM

RECOVERY: 60' MUD

*Minimum*

INITIAL SHUT-IN PRESSURE NA INITIAL FLOW PRESSURE NA FINAL FLOW PRESSURE NA

FINAL SHUT-IN PRESSURE NA FIELD ORDER NO. \_\_\_\_\_ PRICE OF JOB 275<sup>00</sup>

EXTRA EQUIPMENT \_\_\_\_\_ OPERATOR TIME \_\_\_\_\_

## SWIFT FORMATION TESTERS

Shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

APPROVED BY: \_\_\_\_\_

OUR REPRESENTATIVE [Signature]

TICKET N<sup>o</sup> 5113

# SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793-5177

GREAT BEND, KANSAS

Date November 5, 1988 Test No. 1

Company Bowers Drilling

Test Ticket No. 5113 County Barber Lease Haas Well 10

Initial Shut-In - Hr. - Min. Tool Open - Hr. 5 Min. Final Shut-In - Hr. 20 Min.

Interval Tested 3729 to 3740 Total Depth 3740

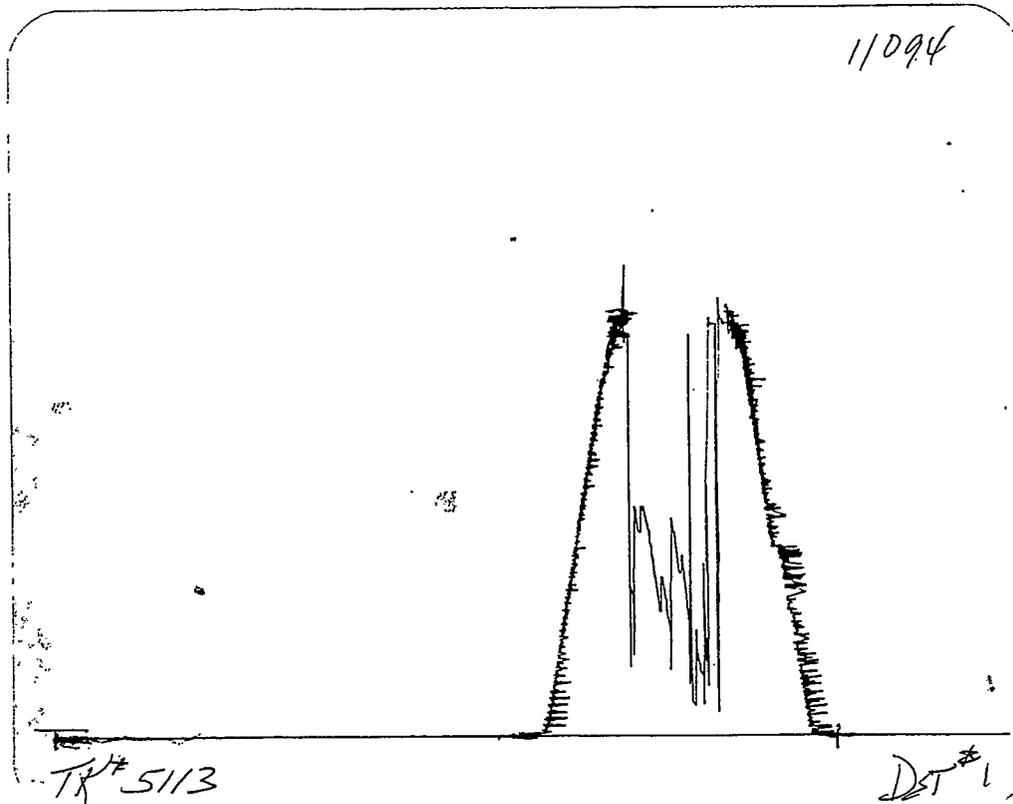
Blow: Weak sporadic to dead after 15 min. - Flush tool - 30 Minutes Initial Flow Period  
No blow 2nd - Slid approx 10' to bottom

Recovery and Remarks:

60' Mud

Initial BHP: NA Final BHP: NA Initial FP: NA Final FP: NA

Tester Greg Gall Approved By: J. C. Musgrove



# SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793,5177

GREAT BEND, KANSAS

Date November 5, 1988

Test No. 1

Company Bowers Drilling

Test Ticket No. 5113 County Barber Lease Haas Well 10

Initial Shut-In - Hr. - Min. Tool Open - Hr. 5 Min. Final Shut-In - Hr. 20 Min.

Interval Tested 3729 to 3740 Total Depth 3740

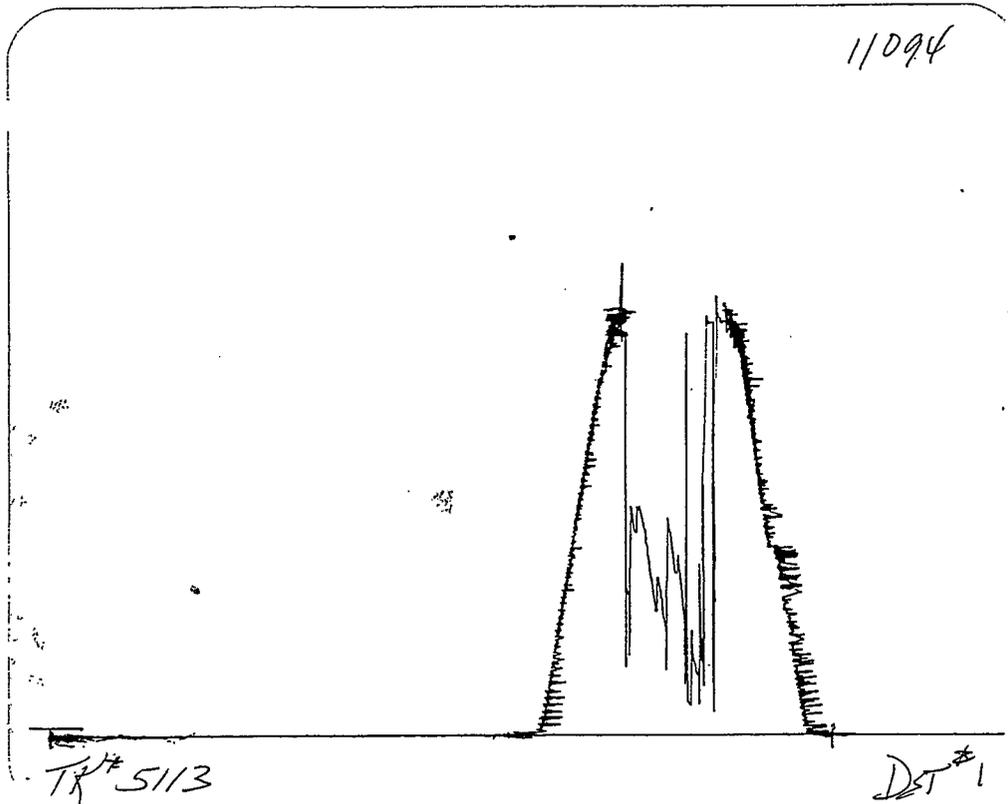
Blow: Weak sporadic to dead after 15 min. - Flush tool - 30 Minutes Initial Flow Period  
No blow 2nd - Slid approx 10' to bottom

Recovery and Remarks:

60" Mud

Initial BHP: NA Final BHP: NA Initial FP: NA Final FP: NA

Tester Greg Call Approved By: J. C. Musgrove



# SWIFT FORMATION TESTERS

1309 VAN FLEET

PHONE 793,5177

GREAT BEND, KANSAS

Date November 5, 1988

Test No. 1

Company Bowers Drilling

Test Ticket No. 5113 County Barber Lease Haas Well 10

Initial Shut-In - Hr. - Min. Tool Open - Hr. 5 Min. Final Shut-In - Hr. 20 Min.

Interval Tested 3729 to 3740 Total Depth 3740

Blow: Weak sporadic to dead after 15 min. - Flush tool - 30 Minutes Initial Flow Period  
No blow 2nd - Slid approx 10' to bottom

Recovery and Remarks: \_\_\_\_\_

\_\_\_\_\_ 60' Mud \_\_\_\_\_

Initial BHP: NA Final BHP: NA Initial FP: NA Final FP: NA

Tester Greg Call Approved By: J. C. Musgrove

