

HYDROSTATIC PRESSURE TEST - B.O.P.'s

Hondo Drilling Co. - Osage Boyd #1

October 17, 1974

by

Yellow Jacket Tools and Services, Inc.

Odessa, Texas

State

15-19-25

RECEIVED

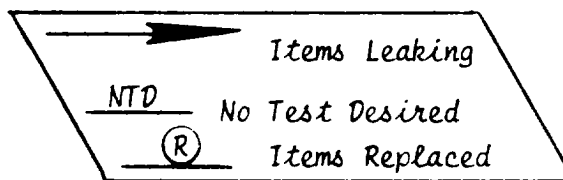
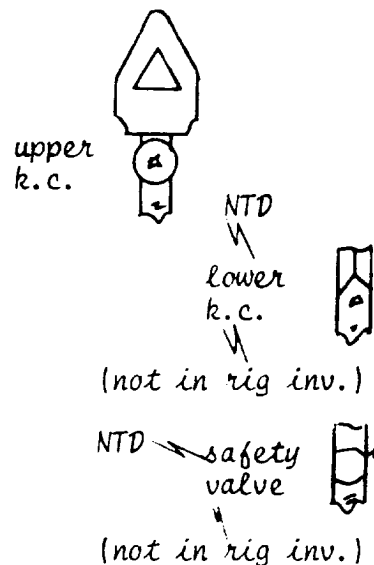
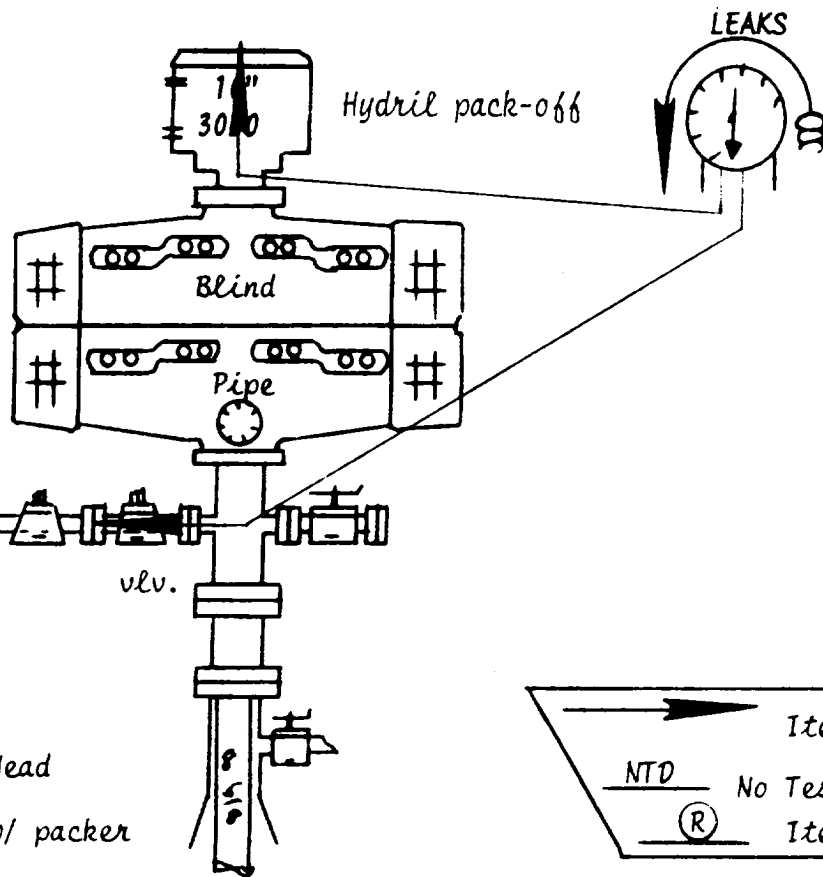
OCT 22 1974

U.S. GEOLOGICAL SURVEY

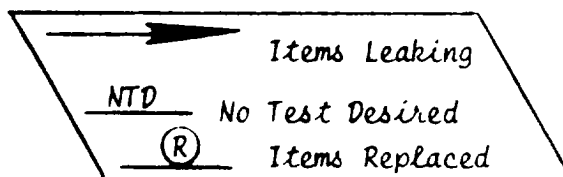
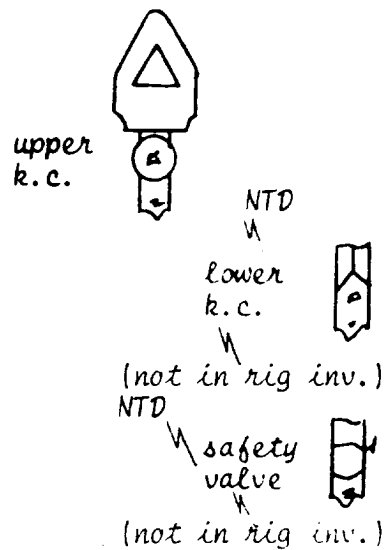
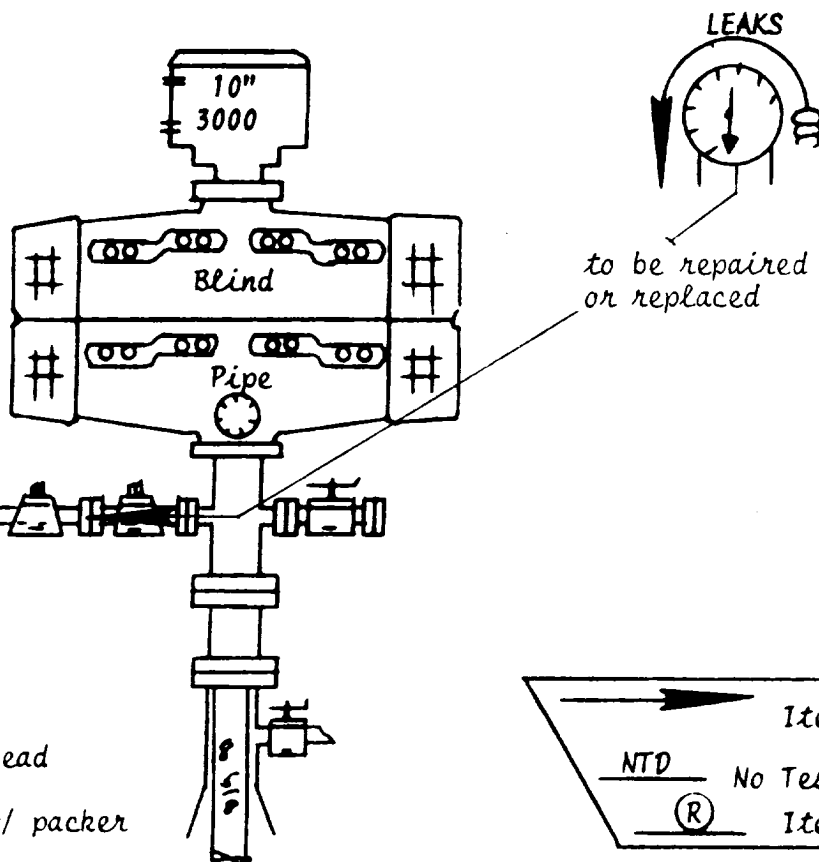
RECEIVED
OCT 22 1974

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

COPY



Items Leaking DURING Testing 10/17/74



Items Leaking at the CONCLUSION of Testing 10/17/74

October 21, 1974

Hondo Drilling Company

Midland, Texas

Attn: Drilling Dept.

RE: BOP Test - Your Osage Boyd #1

Gentlemen:

We made a hydrostatic pressure test to captioned blowout control equipment on October 17, 1974, and wish to advise the following:

At the conclusion of testing:

Valve: Leak thru inside valve next to stack on
kill line - to be repaired or replaced
as needed.

Items of the blowout control equipment from top of test plug landed in casing head up through Hydril were tested to 1500# with separate tests being made at the pressure of 3000# to blind rams, pipe rams, upper kelly cock, and to the valves and fittings off the bop stack proper.

There were no visible leak to items tested at the conclusion of testing other than as mentioned above.

No delay was observed to operation of blowout control equipment at the conclusion of testing. Closures were made using both closing unit pump and accumulators to the observed pressure of 1900# for test to ram type bops and 900# for test to Hydril. Accumulators were pressured to 1900# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extentions were not hooked up.

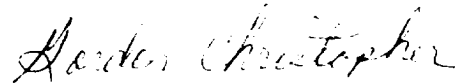
No test desired to top of casing using packer, nor to the lower kelly cock (not in rig inventory at time of test), or to the drill pipe safety valve (not in rig inventory at time of test).

Please contact us if you have any question concerning the above or any phase of this test.

We appreciate your business and we will welcome your suggestions as to how we may better serve you in the future.

Sincerely yours,

YELLOW JACKET TOOLS AND SERVICES, INC.

A handwritten signature in cursive script that reads "Gordon Christopher".

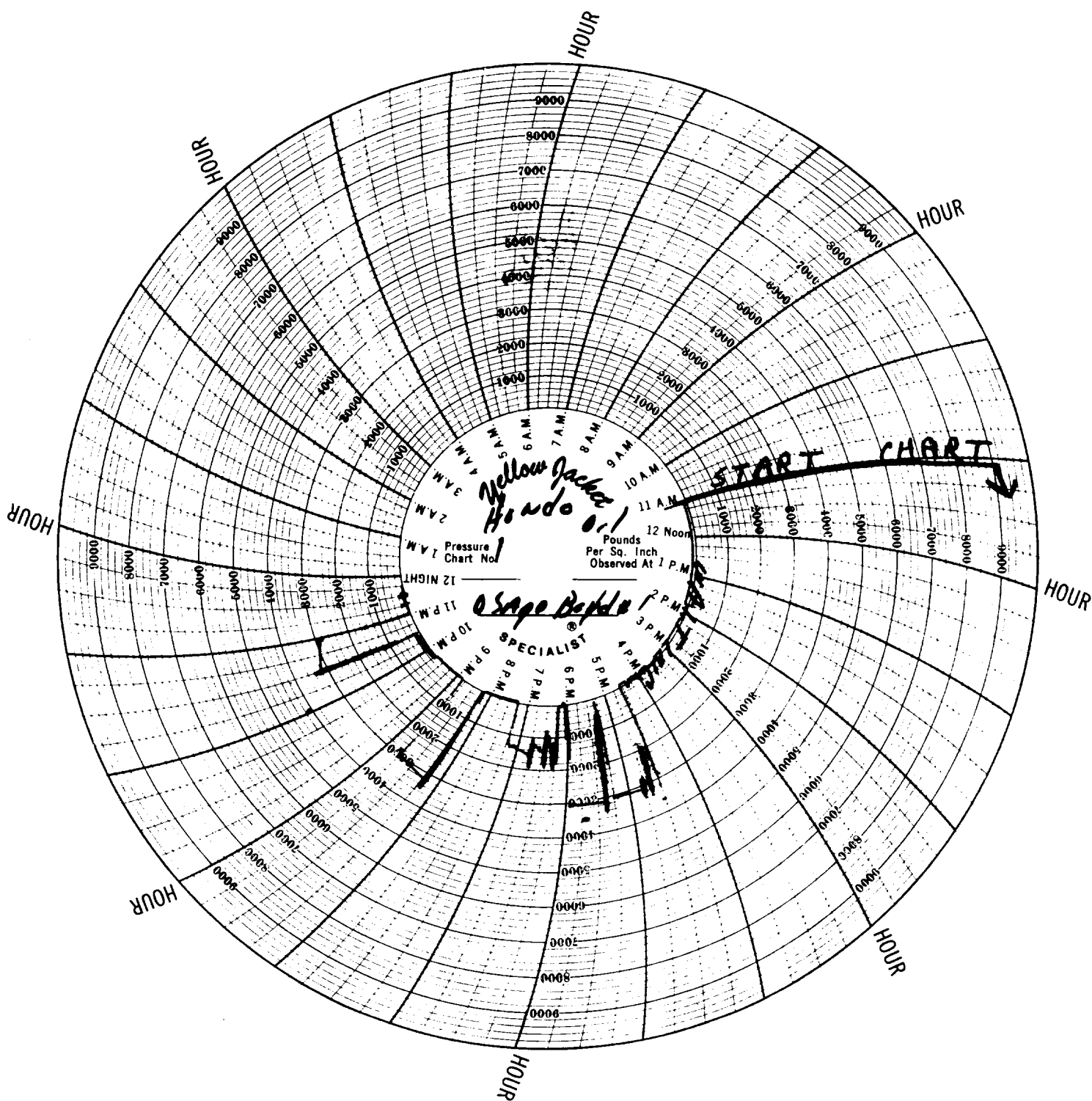
Gordon Christopher

GC/69

Attachments

cc: U. S. G. S.

Artesia, New Mexico



Details of bop test

Hondo Drilling Company

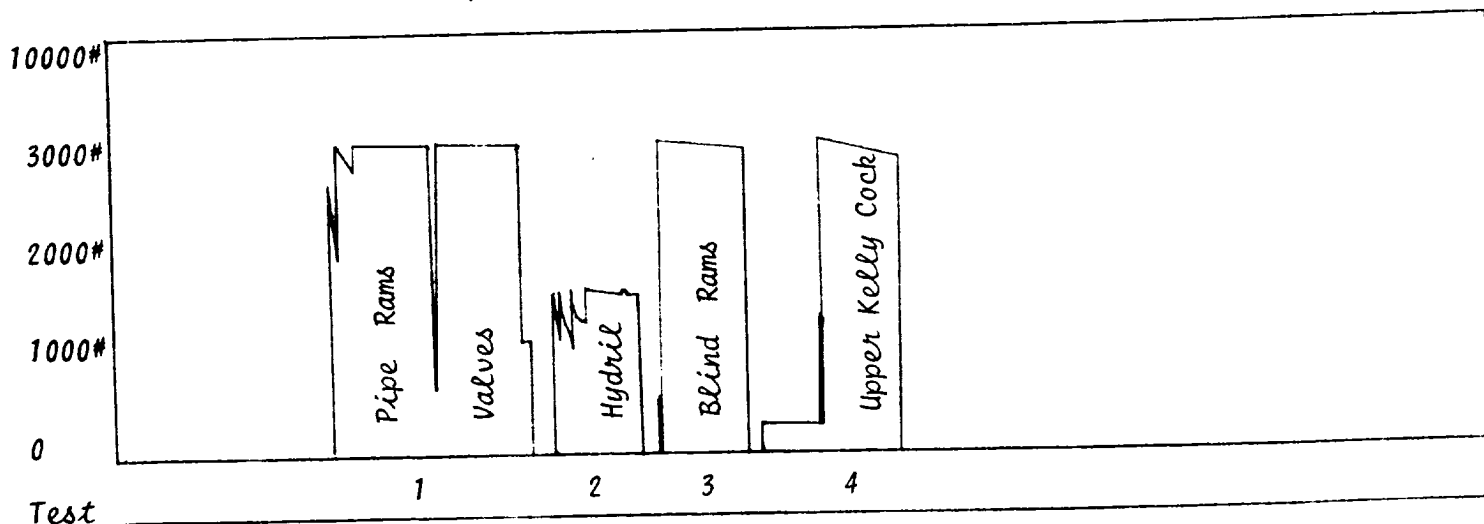
Osage Boyd #1

10/17/74

Contractor: Hondo Drlg. Rig 3

Test by Yellow Jacket Tools and Services, Inc.

=====Transposition of the pressure recorder chart=====



The above is a transposition of the pressure recorder chart covering test to the blowout control equipment in service on your well drilling in the Artesia, New Mexico Area, Midland District, Texas. Test was made with test plug landed in casing head with the following test results:

TESTING: Pipe Rams with valve closed next to stack on chokeline and inside valve closed next to stack on kill line - pressure applied down drill pipe. Leak thru inside valve next to stack on kill line with no pressure being applied. Closed outside valve off stack on kill line and opened inside valve next to stack on kill line.

Test #1 Pressured to 2700# using rig pump; repressured to 3000# with loss of pressure; repressured to 3000# with loss of approximately 50# during first ten minutes then leveling out for remaining one minute of test.
NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

Released pressure to 500# and closed check valve off stack on kill line and opened outside valve off stack on kill line;

repressured to 3000# with loss of approximately 50# during first eleven minutes then leveling out for remaining one minute of test. Released pressure to 1000# and closed Hydril and opened rams.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

TESTING: Hydril with valves same as before.

Test #2 Pressured to 1500# with loss of pressure; repressured to 1500# with leak to Hydril pack-off; operated under pressure and increased closing pressure; repressured to 1500# with loss of pressure; repressured to 1500# with loss of approximately 200# during first seven minutes then pressure rising approximately 100# during next two minutes then pressure loss of approximately 100# during next one minute then pressure leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 1300#.

Waiting on crew to repair closing lines to blind rams.

TESTING: Blind Rams with valve closed next to stack on choke line - pressure applied thru test entry on kill line.

Test #3 Pressured to 400# and released air; repressured to 3000# with loss of approximately 200# during first eleven minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2800#.

TESTING: Upper Kelly Cock with pressure applied at bottom of kelly.

Test #4 Pressured to 200# with pressure steady; repressured to 1200# with loss of pressure; repressured to 3000# with loss of approximately 300# during first nine minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2700#.

No delay was observed to operation of blowout control equipment at the conclusion of testing. Closures were made using both closing unit pump and accumulators to the observed pressure of 1900# for test to ram type bops and 900# for test to Hydril. Accumulators were pressured to 1900# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extensions were not hooked up. No test desired to top of casing using packer, nor to the lower kelly cock (not in rig inventory at time of test), or to the drill pipe safety valve (not in rig inventory at time of test).

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Gordon Christopher *Gordon Christopher*