

B-9-19-26

State Fee

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

Samedan Oil Corporation - Nix #1

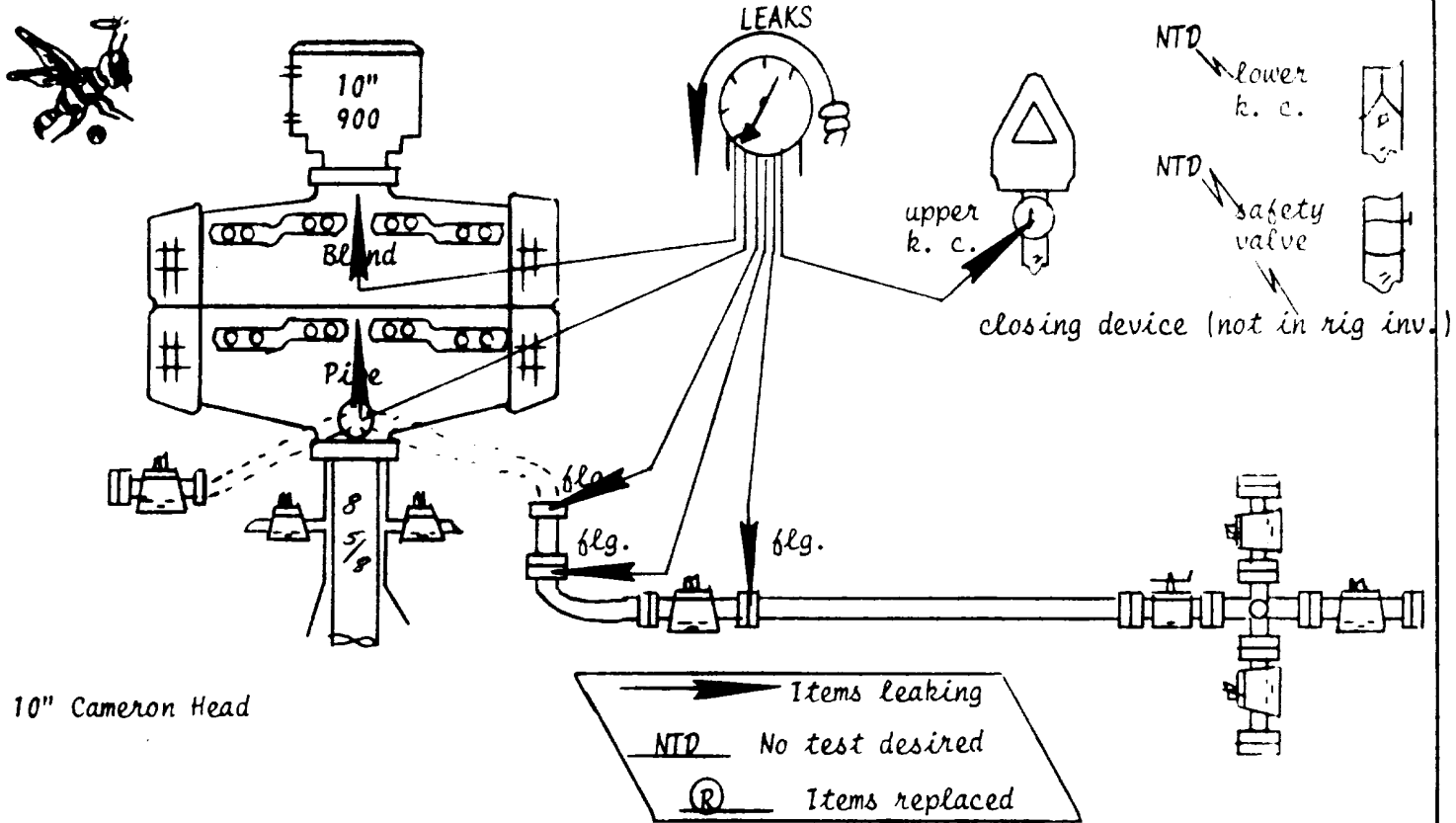
September 30, 1974

by

Yellow Jacket Tools and Services, Inc.

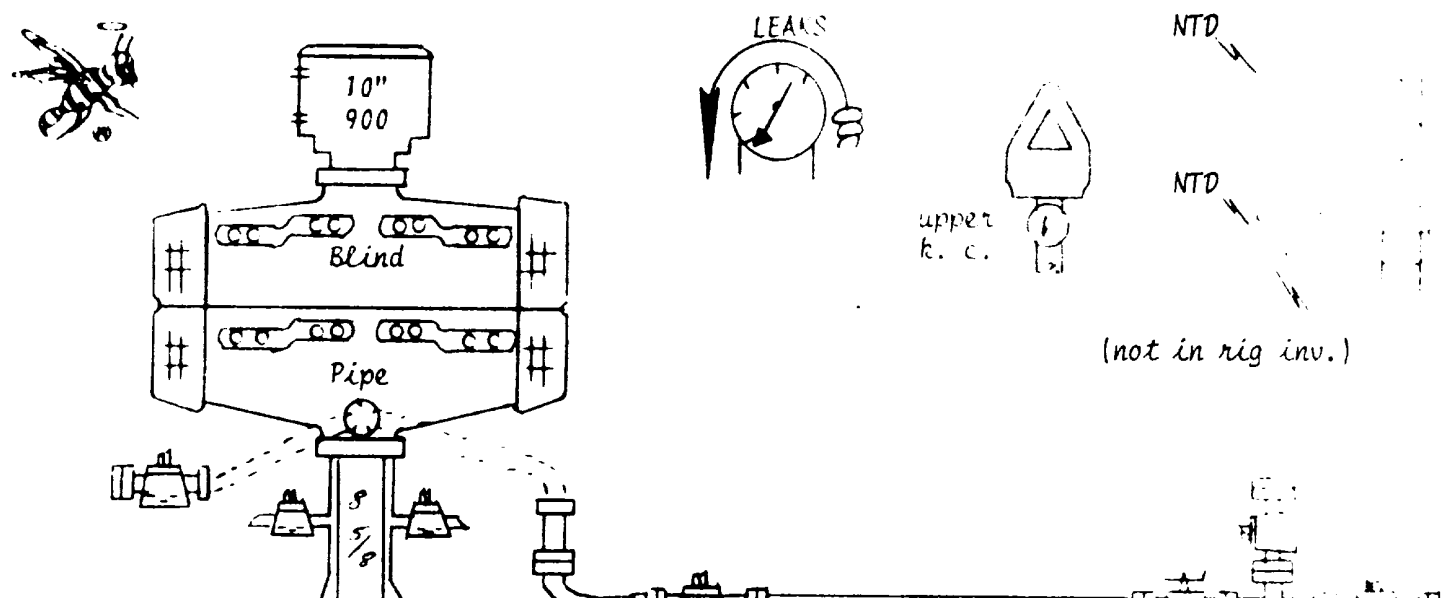
Odessa, Texas

BLOWOUT CONTROL EQUIPMENT.....SAMEDAN OIL CORPORATION.....NIX #1



Items Leaking DURING Testing 9/30/74

BLOWOUT CONTROL EQUIPMENT.....SAMEDAN OIL CORPORATION.....



September 30, 1974

Samedan Oil Corporation

Midland, Texas

Attn: Drilling Dept.

RE: BOP Test - Your Nix #1

Gentlemen:

We made a hydrostatic pressure test to captioned blowout control equipment on September 30, 1974, and wish to advise the following:

At the conclusion of testing:

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, upper kelly cock, chokeline, choke-manifold, and to the valves and fittings off the bop stack proper. The pipe rams and approximately 20 ft. of 8 5/8" casing were tested to 1000# using test packer.

There were no visible leak to items tested at the conclusion of testing.

A delay was observed to operation of blowout control equipment at the conclusion of testing - regulator to Hydril not operating properly (to be serviced as needed). Closures were made using closing unit pump only to the observed pressure of 1200# for test to ram type bops and 1000# for test to Hydril. Control valves operated as indicated on closing unit manifold at end of test. Bop extentions were not hooked up - rig coming out of hole.

No test desired to the lower kelly cock, nor 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, reading "Gordon Christopher".

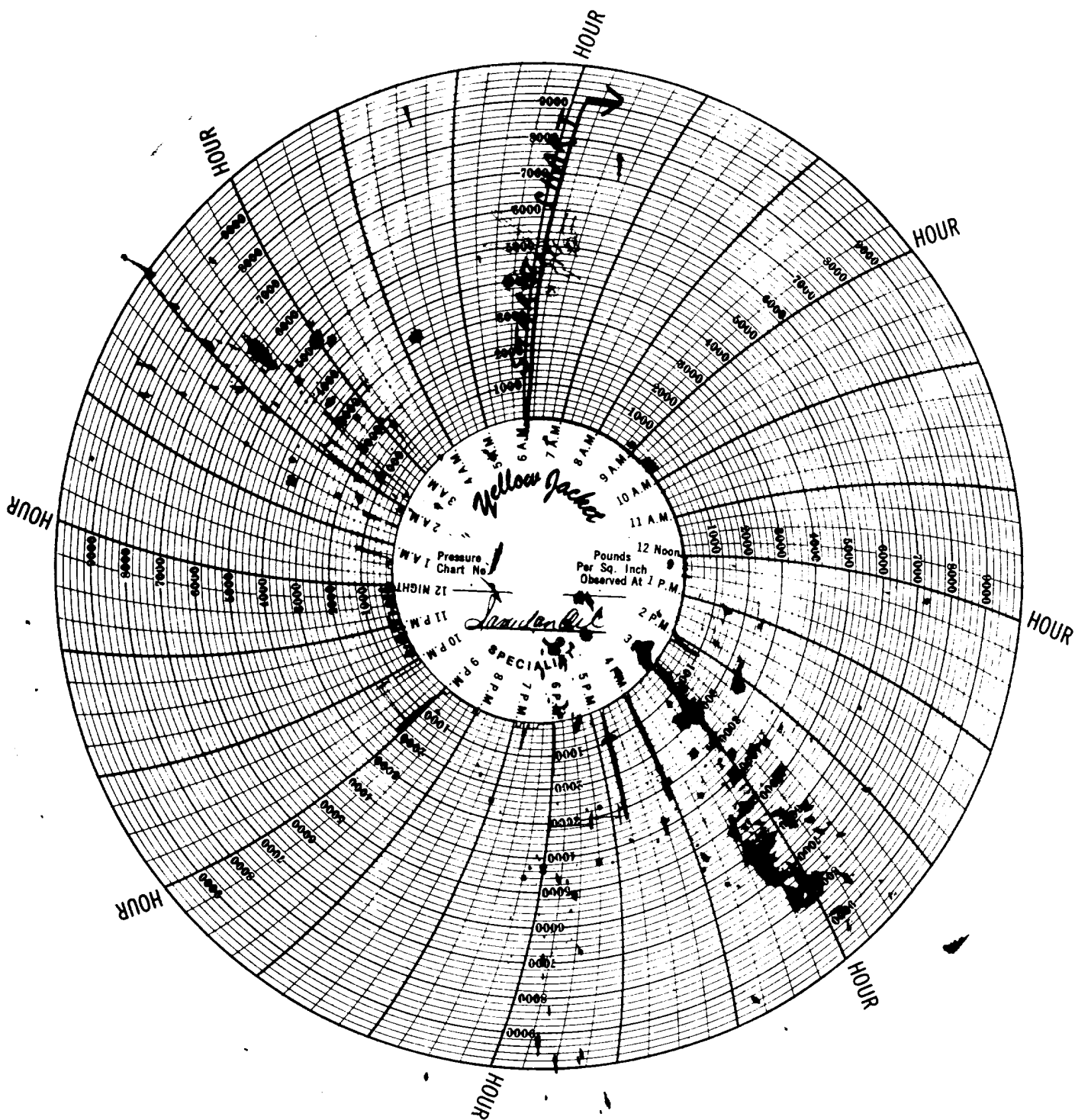
Gordon Christopher

GC/fg

Attachments

cc: U. S. G. S.

Artesia, New Mexico



Details of bop test

Samedan Oil Corporation

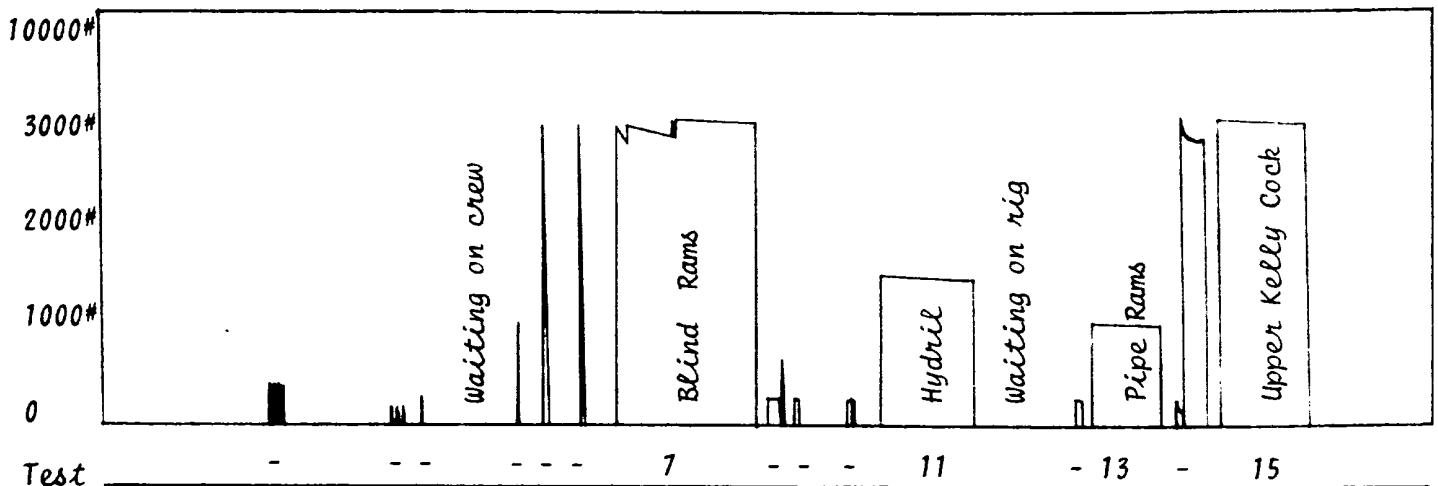
Nix #1

9/30/74

Contractor: Hondo Drlg. Rig 6

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. Texas was made with test plug landed in casing head with the following test results:

Arrived location - rig coming out of hole.

TESTING: Blind Rams with valve closed next to stack on kill line, outlet valve closed off choke-manifold cross, and wing valves closed off manifold cross - pressure applied thru guage connection.

Test #1 Pressured to 300# with leak thru blind rams; repressured to 300# with same leak; repressured to 300# with same leak; repressured to 300# with same leak. Operated rams.

Test #2 Repeated test. Pressured to 100# with same leak; repressured to 100# with same leak; repressured to 100# with same leak. Operated rams.

Test #3 Repeated test. Pressured to 200# with same leak. Drained stack and operated rams.

Waiting on crew to repair closing unit.

- Test #4 Repeated test. Pressured to 1000# with leak to flange between valve next to stack and chokeline. Tightened.
- Test #5 Repeated test. Pressured to 3000# with leak to flange between spool next to stack and chokeline. Tightened.
- Test #6 Repeated test. Pressured to 3000# with same leak and leak to flange next to stack on chokeline. Tightened.
- Test #7 Repeated test. Pressured to 3000# with loss of pressure; repressured to 3000# with loss of pressure; repressured to 3000# with loss of pressure; repressured to 3000# with loss of approximately 100# during first twelve minutes then leveling out for remaining one minute of test.
- NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2900#.
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TESTING: Pipe Rams with all valves closed next to stack - pressure applied down drill pipe.

- Test #8 Pressured to 200# and released air; repressured to 800# with leak thru pipe rams. Operated rams.
- Test #9 Repeated test. Pressured to 200# with same leak.
-

TESTING: Hydril with valves same as before.

- Test #10 Pressured to 200# and released air; repressured to 200# and released air. No test.
- Test #11 Repeated test. Pressured to 1500# with loss of approximately 100# during first seventeen minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 1400#.

Waiting on rig.

Setting test packer.

RETEST: Pipe Rams same as before but with valves closed off casing spool, all valves closed next to stack, and using test packer - pressure applied as before.

Test #12 Pressured to 200# with leak to test packer. No test.

Test #13 Repeated test. Pressured to 1000# with loss of approximately 100# during first fourteen minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 900#.

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

Test #14 Pressured to 200# and released air; repressured to 3000# with leak to closing device on upper kelly cock. Tightened.

Test #15 Repeated test. Pressured to 3000# with pressure rising approximately 100# during first fourteen minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 3100#.

A delay was observed to operation of blowout control equipment at the conclusion of testing - regulator to Hydril not operating properly (to be serviced as needed). Closures were made using closing unit pump only to the observed pressure of 1200# for test to ram type bops and 1000# for test to Hydril. Control valves operated as indicated on closing unit

manifold at end of test. Bop extentions were not hooked up - rig coming out of hole. No test desired to the lower kelly cock, nor 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 Roscoe Maxwell *Roscoe Maxwell*