

2 - 24 - 25

RECEIVED

NOV 2 1974

U. S. G. S.  
WASHINGTON, D. C.

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

INEXCO Oil Company - Robb Springs #1

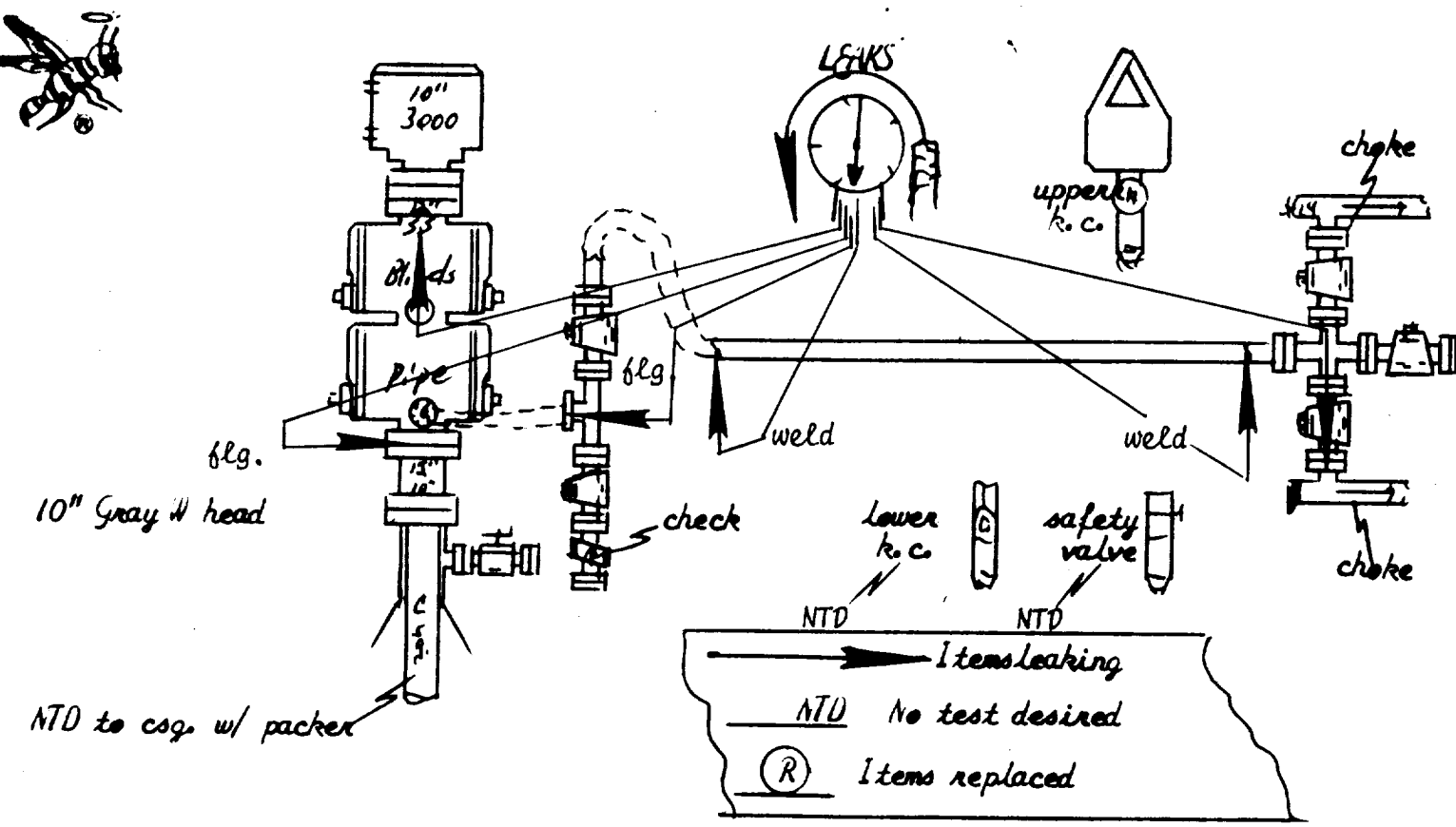
June 2, 1974

by

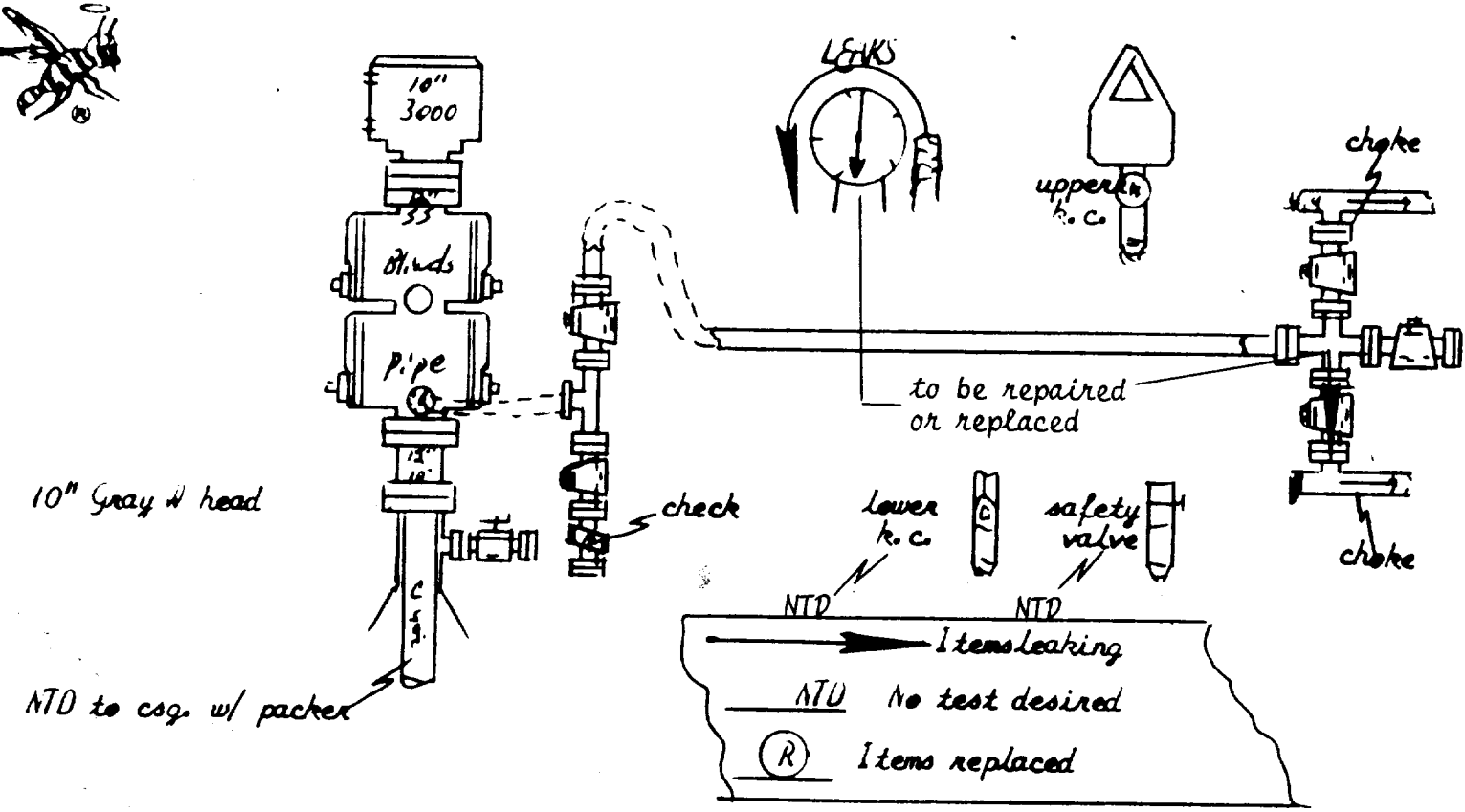
Yellow Jacket Tools and Services, Inc.

Odessa, Texas

cc: U. S. G. S.



Items Leaking DURING Testing 6/2/74



Items Leaking at the CONCLUSION of Testing 6/2/74

June 3, 1974

INEXCO Oil Company

Houston, Texas

Attn: Drilling Dept.

RE: BOP Test - Your Robb Springs #1

Gentlemen:

We made a hydrostatic pressure test to captioned blowout control equipment on June 2, 1974, and wish to advise the following:

At the conclusion of testing:

Valve: Leak thru wing valve off manifold cross  
(pipe rack side) - to be repaired or re-  
placed 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, choke-line, choke-manifold, and to the valves and fittings of 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 closing unit pump only to the observed pressure of 2500# for test to ram type bops and 1250# for test to Hydril. Accumulators were pressured to 2500# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extensions were not hooked up - rig nipping up.

No test desired to top of casing using packer, nor to the lower kelly cock, or to the drill pipe safety valve.

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.

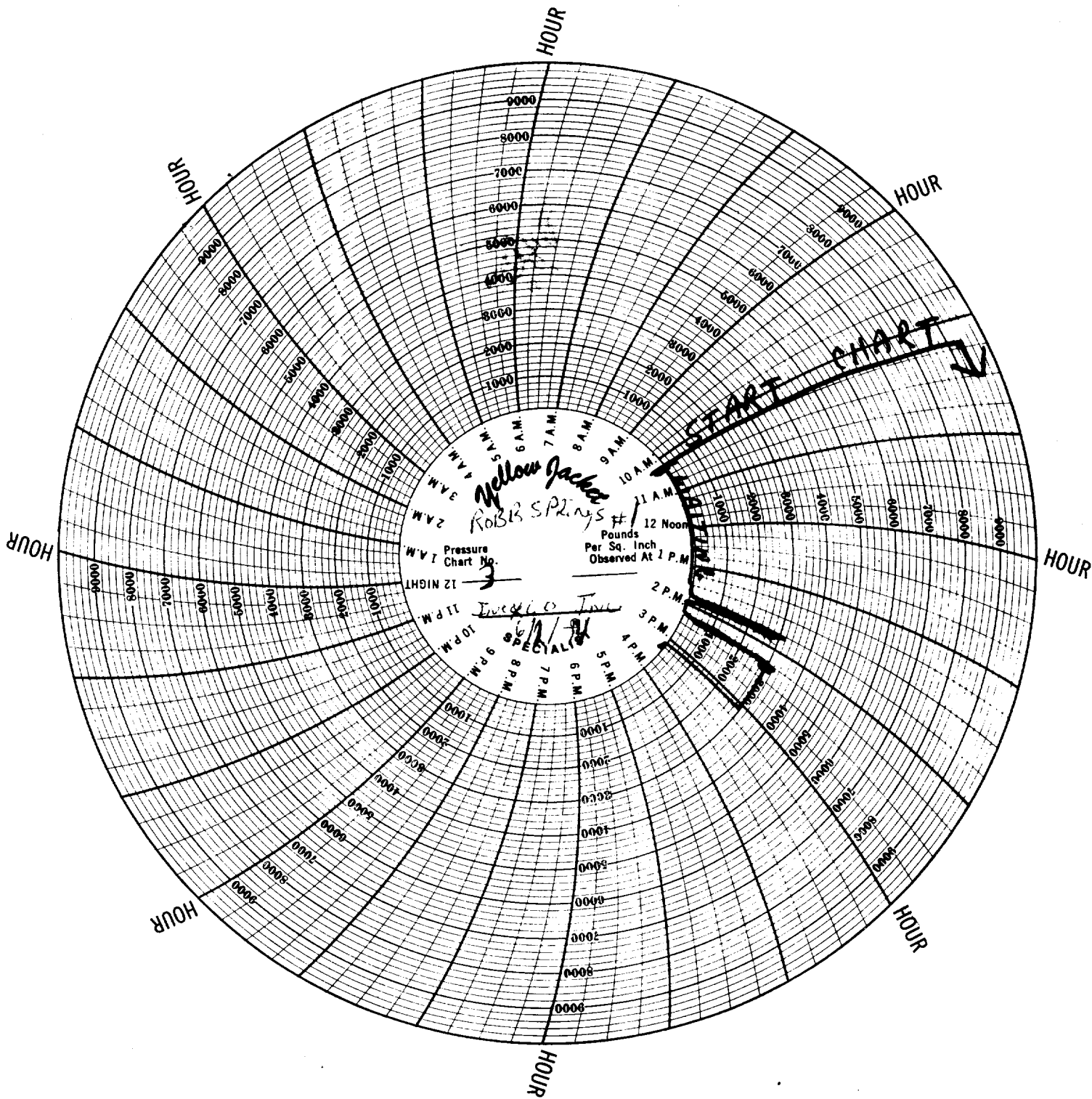
*Gordon Christopher*  
Gordon Christopher

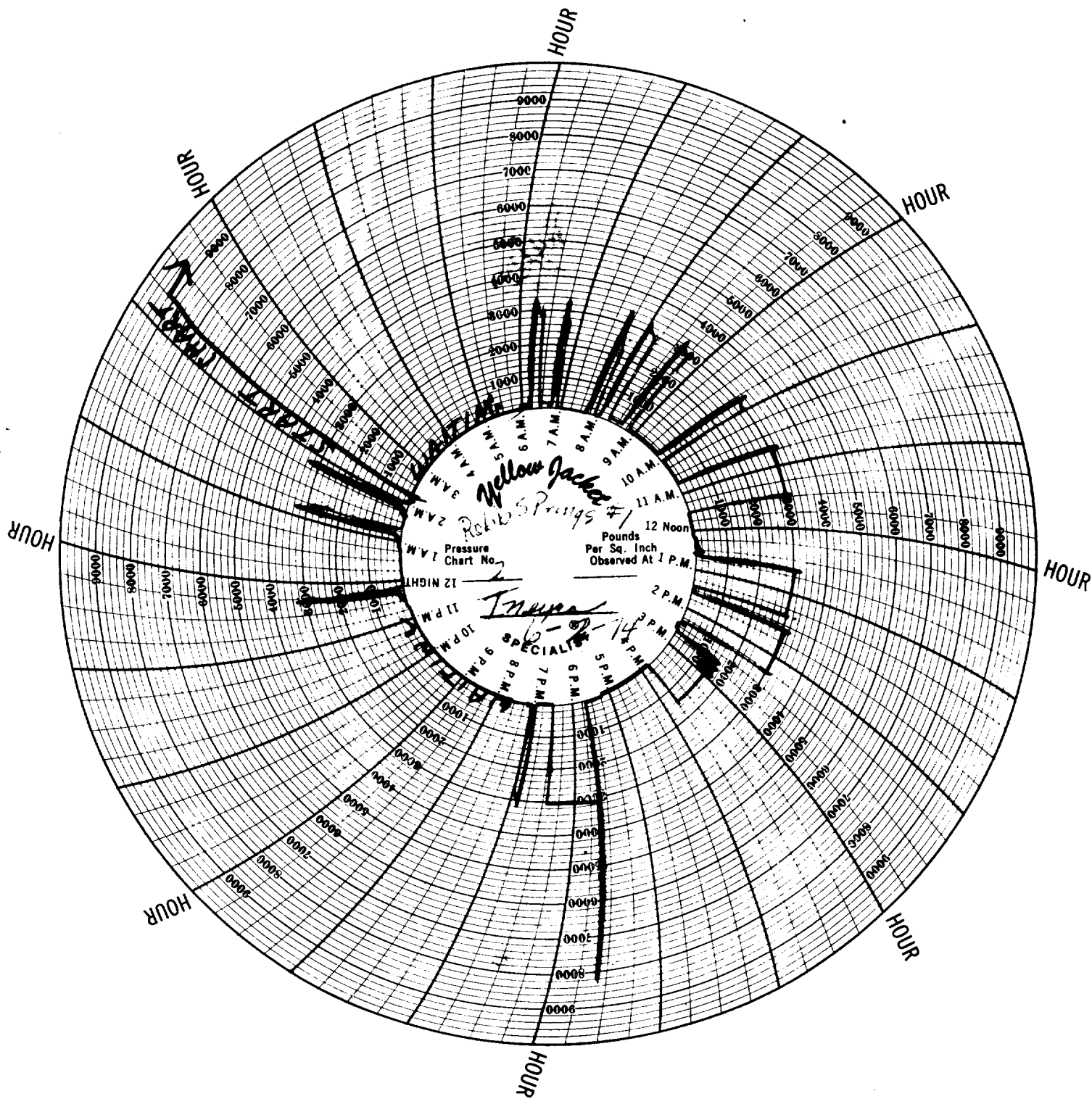
GC/fg

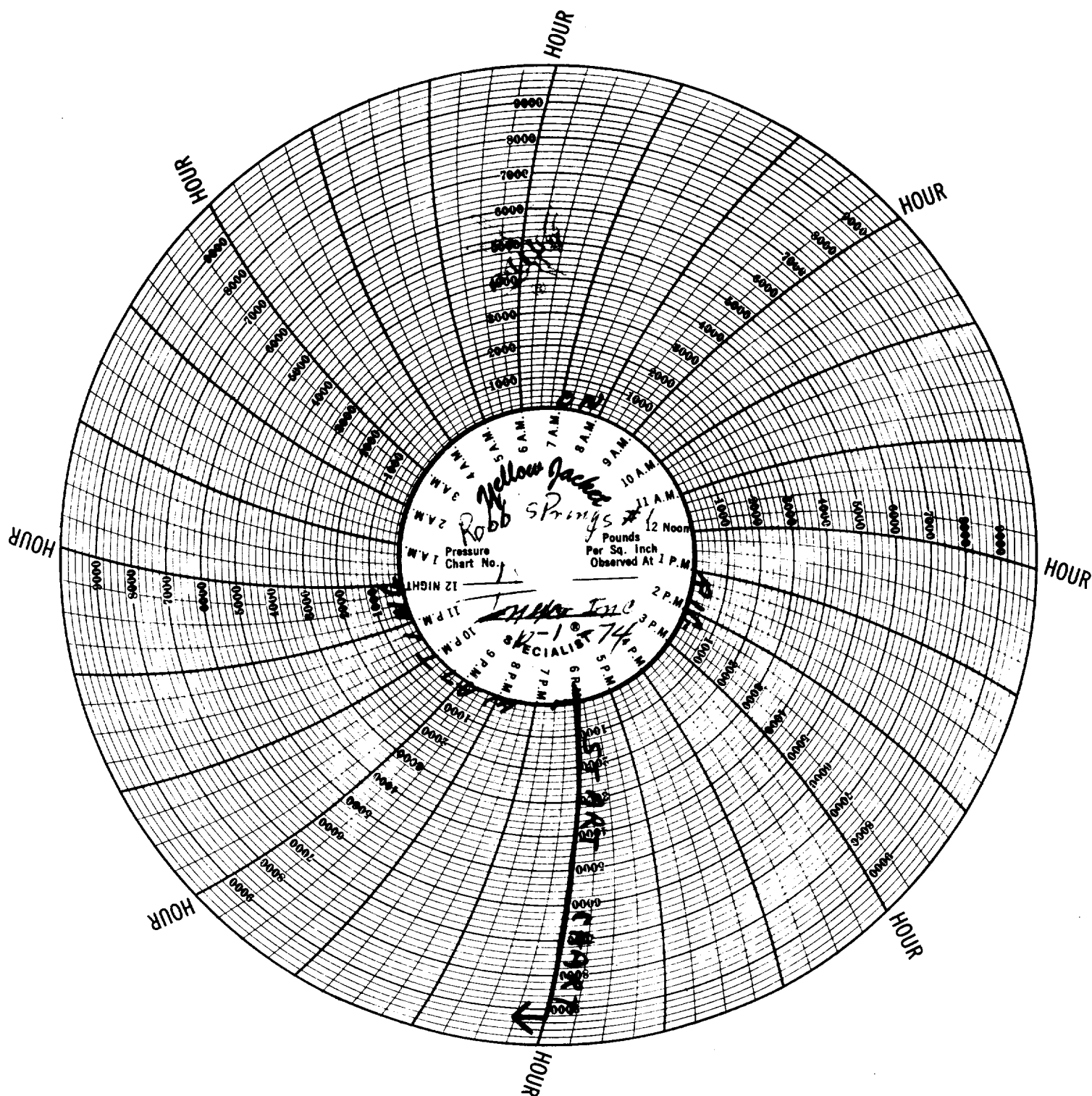
Attachments

cc: U. S. G. S.

Artesia, New Mexico







Details of bop test

INEXCO Oil Company

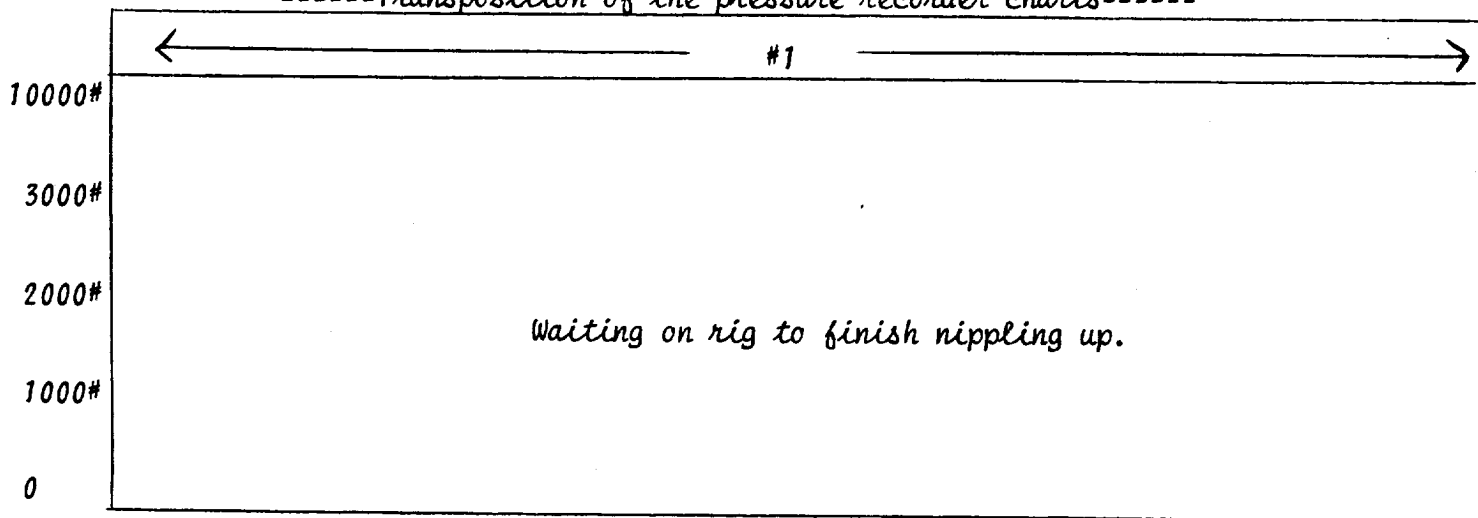
Robb Springs #1

6/2/74

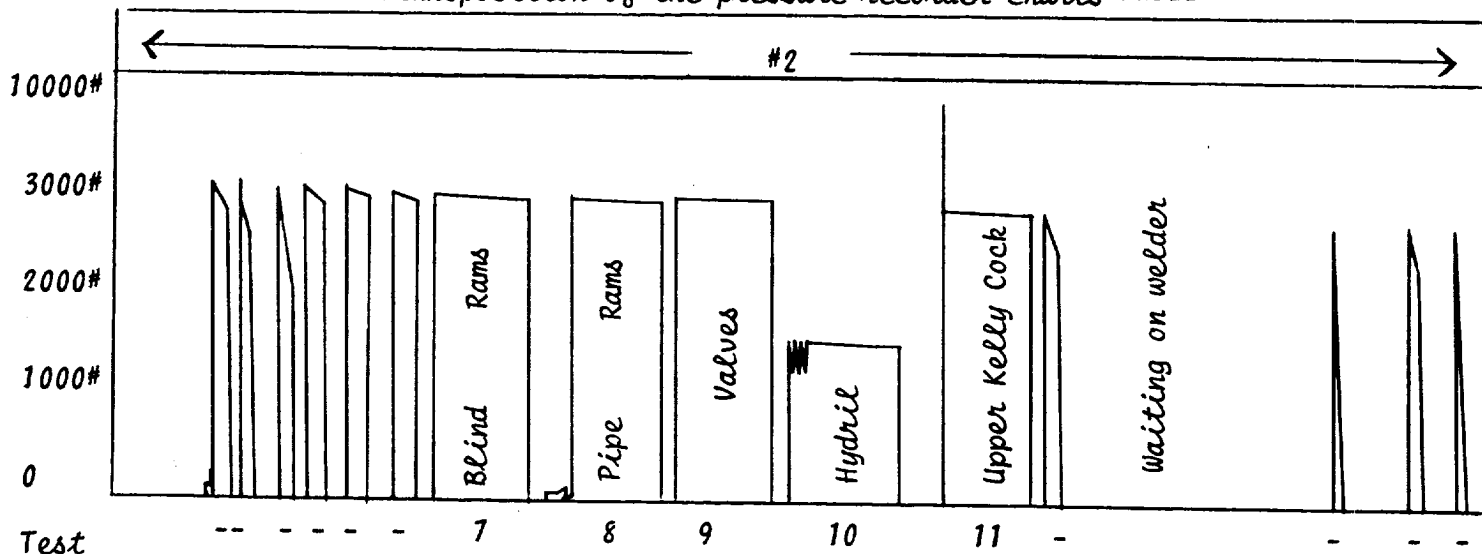
Contractor: Ard Drlg. Rig 7

Test by Yellow Jacket Tools and Services, Inc.

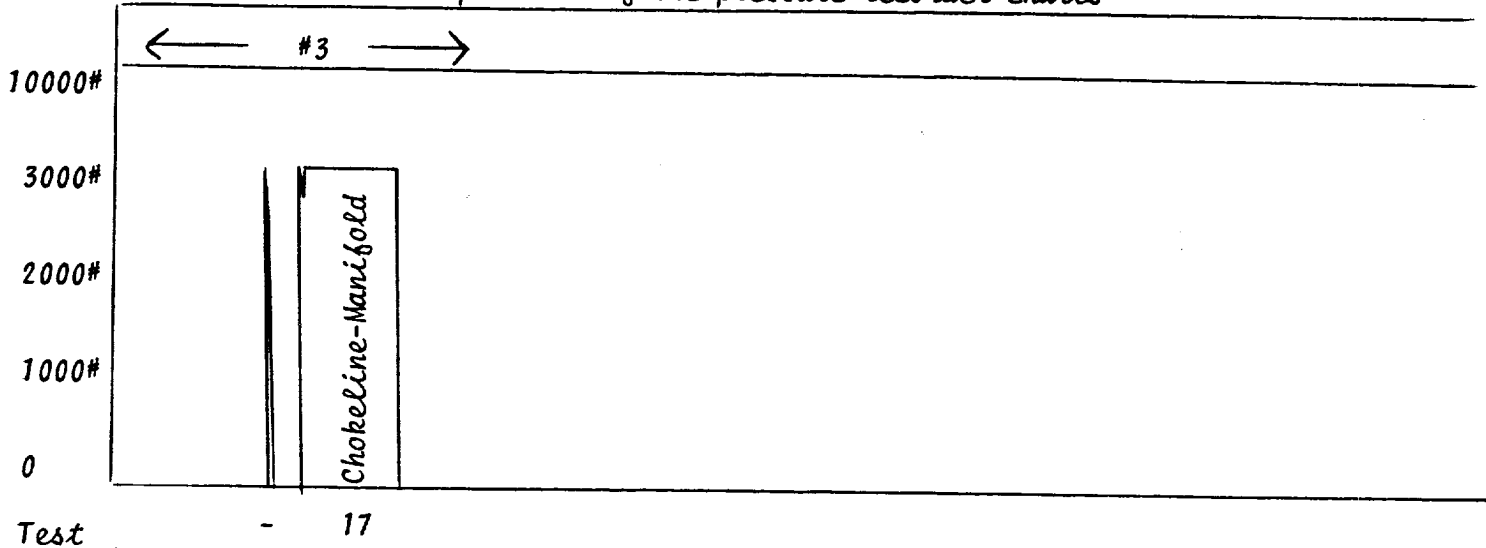
=====Transposition of the pressure recorder charts=====



=====Transposition of the pressure recorder charts=====



=====Transposition of the pressure recorder charts=====





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

Arrived location - rig nipping up.

---

Waiting on rig nipping up.

START CHART #2

Waiting on rig to finish nipping up.

TESTING: Blind Rams with all valves closed off choke-manifold cross - pressure applied thru test entry on kill line.

Test #1 Pressured to 3000# with leak thru wing valve off manifold cross (pipe rack side). Greased and operated valve.

Test #2 Repeated test. Pressured to 3000# with same leak and leak thru blind rams and leak to flange between pipe rams bop and spacer spool.

---

RETEST: Blind Rams same as before but with wing valve off manifold cross (pipe rack side) bull plugged - pressure applied as before.

Test #3 Pressured to 3000# with leak to flange between outlet on bop and tee. Tightened.

Test #4 Repeated test. Pressured to 3000# with same leak. Tightened.

Test #5 Repeated test. Pressured to 3000# with same leak and leak to weld on chokeline at stack end.

---

RETEST: Blind Rams same as before but with valve closed next to stack on choke line - pressure applied as before.

Test #6 Pressured to 3000# with leak to flange between pipe rams bop and spacer spool. Tightened.

Test #7 Repeated test. Pressured to 3000# with loss of approximately 100# during first fifteen minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2900#.

---

TESTING: Pipe Rams with valve closed next to stack on choke line and check valve closed off stack on kill line - pressure applied down drill pipe.

Test #8 Pressured to 200# and released air; repressured to 3000# 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 2900#.

---

TESTING: All valves next to stack with pipe rams closed - pressure applied as before.

Test #9 Pressured to 3000# with loss of approximately 50# during first eleven minutes then leveling out for remaining four minutes of test.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

---

TESTING: Hydril with valves same as before.

Test #10 Pressured to 1500# with loss of pressure; repressured to 1500# with loss of pressure; repressured to 1500# with loss of approximately 100# during first fifteen minutes then leveling out

for remaining two minutes of test.

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

---

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

Test #11 Pressured to 8200# and released pressure to 3000# with loss of approximately 100# during first fifteen minutes then leveling out for remaining two minutes of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2900#.

---

TESTING: Chokeline-Manifold with valve closed next to stack on chokeline, outlet valve closed off choke=manifold cross, and wing valve closed off manifold cross (pit side) - pressure applied as before.

Test #12 Pressured to 3000# with leak to weld on chokeline at stack end.

Waiting on welder.

Test #13 Repeated test. Pressured to 3000# with same leak. Rewelded.

Test #14 Repeated test. Pressured to 3000# with same leak. Rewelded.

Test #15 Repeated test. Pressured to 3000# with same leak.

Waiting on welder.

START CHART #3

Waiting on welder.

Test #16 Repeated test. Pressured to 3000# with leak to weld on chokeline at choke-manifold cross end. Rewelded.

Test #17 Repeated test. Pressured to 3000# with loss of pressure; re-

pressured to 3000# with loss of approximately 50# during first fourteen minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE STEADY AT APPROXIMATELY 3000#.

---

No delay was observed to operation of blowout control equipment at the conclusion of testing. Closures were made using closing unit pump only to the observed pressure of 2500# for test to ram type bops and 1250# for test to Hydril. Accumulators were pressured to 2500# at end of test. Control valves operated as indicated on closing unit manifold at end of test. Bop extentions were not hooked up - rig nipping up. No test desired to top of casing using packer, nor to the lower kelly cock, or to the drill pipe safety valve.

YELLOW JACKET TOOLS AND SERVICES, INC.

ODESSA, TEXAS

Test made by Hubert Nelms *Hubert Nelms*