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JUL 24 1980

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

SHELL OIL - N HOBBS' UNIT 30-222

CACTUS - RIG # 65

JUNE 27, 1980

BY

YELLOW JACKET TOOLS AND SERVICES, INC.

CARLSBAD, NEW MEXICO

TESTED BY: PABLO ORTEGA & WAYNE WORLEY

TICKET NO. 31532

Gentlemen,

We made a hydrostatic pressure test on your N Hobb's Unit 30-222, located in the Hobb, New Mexico area, in the Midland, Texas district.

Test was made using (plug) 10" Rectoror (packer) or (both)

When we arrived, the rig was nipping up

These changes were made to BOP since previous test first

List any delay observed to operation of BOPs during test: and, loss of closing pressure (other than hydril test) Rams door not fully closed, chain on accumulator broke (Corrected)

List items replaced during testing 2 wing valves on manifold and Upper Kelly Cock and "O" rings on ram doors

Closures were made using pump accumulators both X with observed pressure of 2000 for test to ram type BOPs and NTD for test on Hydril.

Accumulator bottles 4 were pressured to 1700 at end of test.

Control valves operating as indicated on closing unit manifold except: OK

Extensions were or were not X hooked up to BOPs at end of test.

No test desired to Casing

Not in rig inventors at time of test Hydril, safety valve

Items leaking at the conclusion of testing and/or malfunction of BOPs at end of test; Check valve, and inside manifold valve, motor side, will be replaced

A drawing of surface control equipment has been prepared to show any leaks and malfunctions. A report taken from field notes and a pressure chart of the test, are also enclosed.

Your comments and suggestions will be appreciated, 915-366-4436.

Sincerely yours,

Yellow Jacket Tools and Services, Inc.



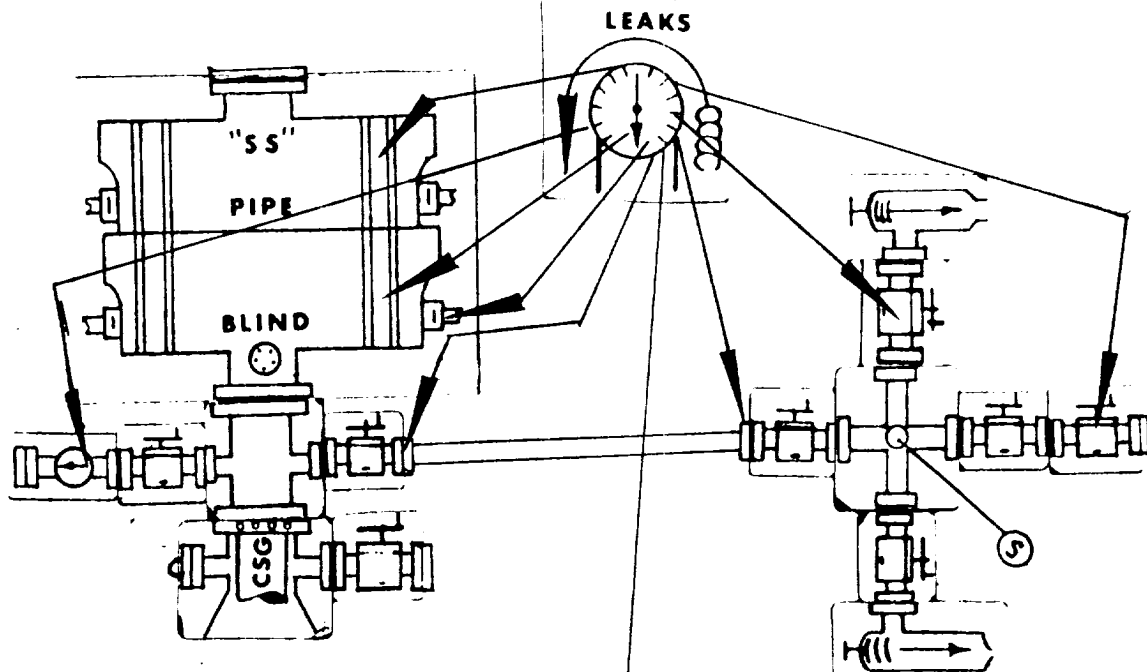
Billy Duff
President
bde/Enclosures



Test #	Items Tested	Pressure Pt. gauge connection	Pressure	Minutes Held	Results
1	Manifold				
2	Inside manifold valves closed and inlet valve	"	0#		Wash out Leak through inside manifold valve motor side operate
3	"	"	3000#		Same leak operate after loss & repress
4	"	"	3000#		Same leak operate
5	"	"	3000#		Same leak operate after loss & re ss
6	closed wing valves, outside outlet valve	"	3000#		Leak wing valve motor side operate
7	"	"	3000#		Leak, outside outlet valve operate
8	"	"	3000#		Same leak operate
9	"	"	3000#		Same leak operate washed out
10	Closed inside chokeline valve with wing valves and outside outlet valve closed	"	3000#		Leak outer flange on inlet valve Leak through weld on chokeline outer flange, closed inlet valve
11	"	"	3000#		
12	"	"	3000#	15 min	No visible leak
13	Inside chokeline valve and inside manifold valves closed except one on motor side	"	3000#	15 min	No visible leak
14	Blind rams with inside kill-line valve closed & inside manifold valves closed except one on motor side, wing valve closed there	"	3000#		tighten
15	"	"	3000#		Leak through blind ram door pit side
16	"	"	3000#		Same leak, replaced "O" rings Leak through blind ram door pit side & stem on blind ram tighten
17	"	"	3000#	15 min	Oiled by tool pusher, Leak weld holding flange on chokeline, will be fixed No visible leak
18	Pipe rams with inside chokeline valve closed, opened inside kill-line valve to check valve	down drill pipe			Leak through pipe ram door pit side checked "O" ring tighten
19	"	"			Leak through check valve closed inside kill-line valve



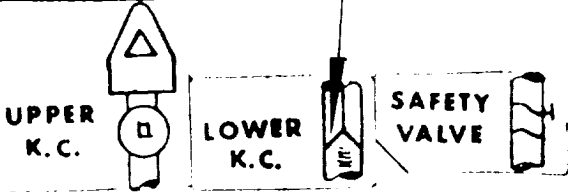
Test #	Items Tested	Pressure Pt.	Pressure	Minutes Held	Results
20	Same test	down drill pipe	3000#	15 min	No visible leak, opened inside kill-line valve to check valve
21	Check valve seat, check valve vall no good	will be replaced by tool pusher			
21	Lower Kelly Cock	kelly	1000#		Leak through valve operate
22	Mud line	"	1600#		Leak through union on mud pump tighter
23	"	"	1600#	15 min	No visible leak
24	Upper Kelly cock	"	3000#	15 min	No visible leak

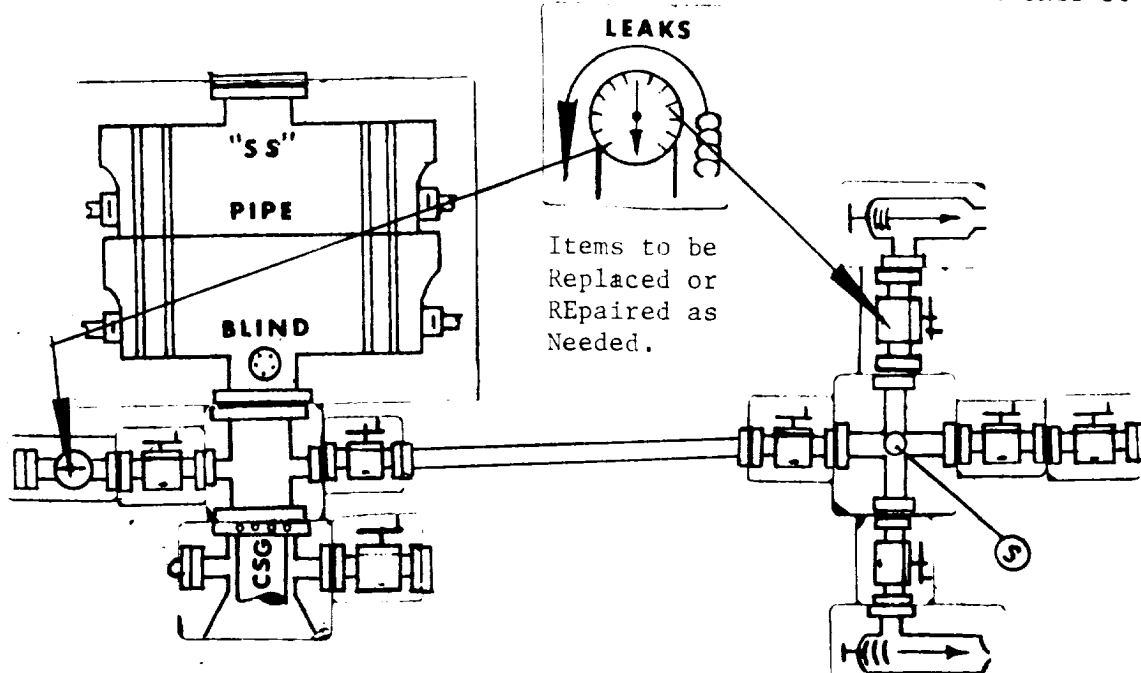


Items Leaking DURING Testing 6-27-80

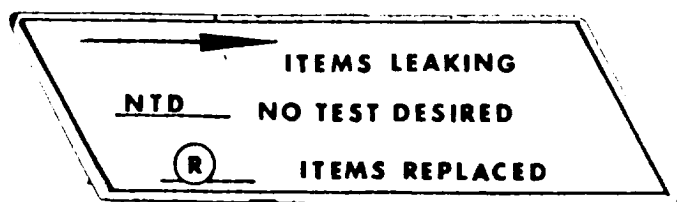


NTD CASING W/PACKER





Items Leaking at CONCLUSION of Testing 6-27-80



NTD CASING W/PACKER

