

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

MORRIS ANTWEIL - STATE BC #1

MORANCO - RIG # 6

OCTOBER 14, 1980

by

YELLOW JACKET TOOLS AND SERVICES, INC.

CARLSBAD, NEW MEXICO

TESTED BY: WAYNE WORLEY

SECTION - 33
TOWNSHIP - 11S
RANGE - 32E
COUNTY - Lea

TICKET NO. 31618

October 23, 1980

Gentlemen,

We made a hydrostatic pressure test on your State BC #1, located in the Lea County, New Mexico area, in the Hobbs, New Mexico district.

Test was made using (plug) 10" OCT or (packer) 8 5/8 or (both)

When we arrived, the rig was nipping up and rigging up
These changes were made to BOP since previous test first test

List any delay observed to operation of BOPs during test: and, loss of closing pressure (other than hydril test) none
 _____ (Corrected)

List items replaced during testing: BOP, 4" outlet valve

Closures were made using pump _____ accumulators _____ both _____ with observed pressure of 2500 for test to ram type BOPs and _____ 2250 for test on Hydril.

Accumulator bottles 1_____ were pressured to ^{depleted}_____ 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 _____
 Not in rig inventors at time of test _____
 Items leaking at the conclusion of testing and/or malfunction of
 BOPs at end of test; none

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.

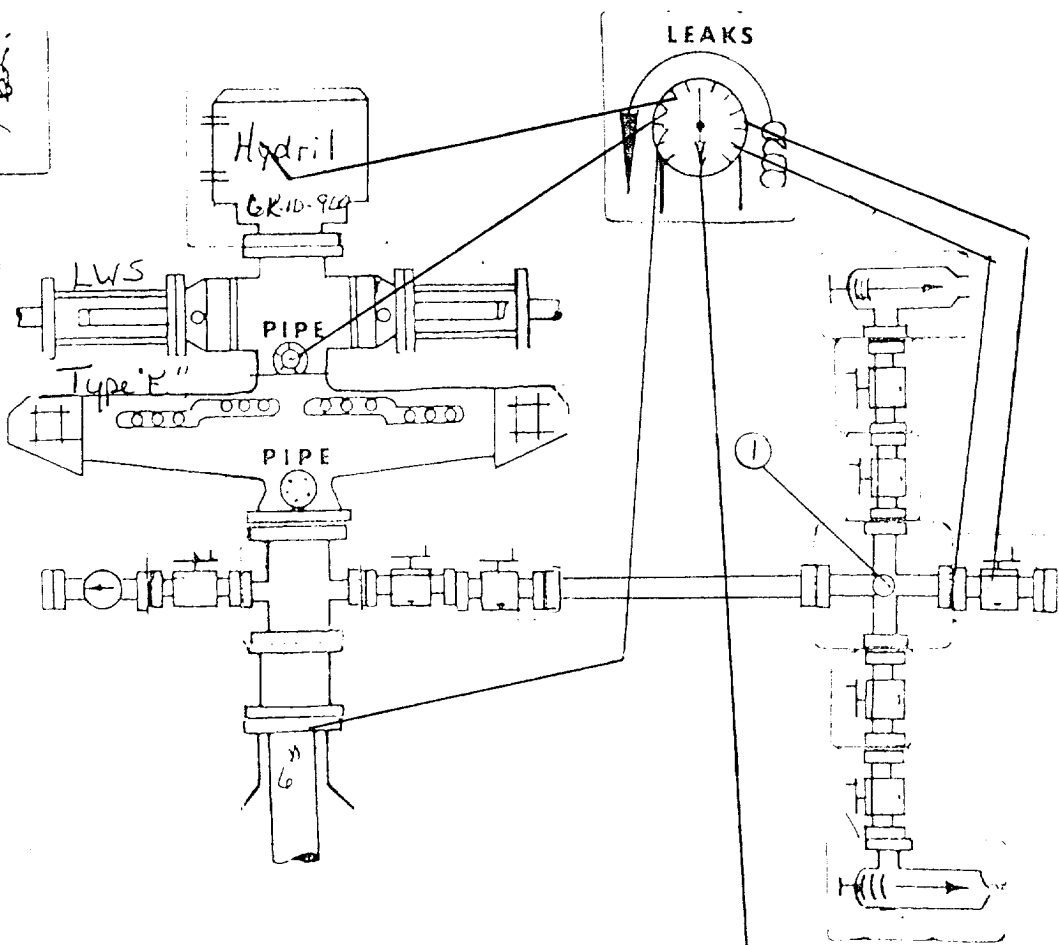
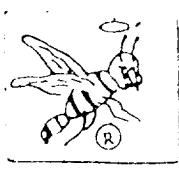
Billy Duff
President
bde/Enclosures



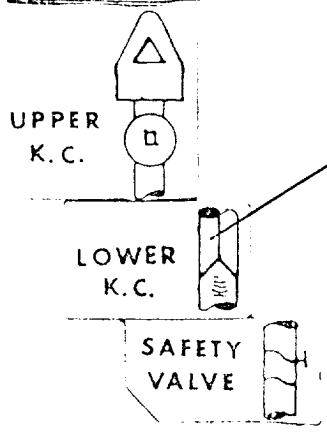
Test #	Items Tested	Pressure Pt.	Pressure	Minutes Held	Results
1	Blind rams with kill-line and inside wing valves closed	gauge connection	3000#		Leak at wellhead flange, tighten
2	"	"	3000#		Loss repressure, Leak through outlet valve, operate
3	"	"	3000#		Same leak, operate
4	"	"	30-0#		Same leak
5	Pipe rams with inside kill-line and choke line valve closed	down drill pipe	200#		Leak through pipe rams operate
6	"	"	200#		Same leak
7	Waiting on rig, changing out 4" outlet and pipe ram rubber, seals. Blind rams with inside kill-line and wing valves closed	gauge connection	3000#		Leak inside flange of outlet valve tighten
8	"	"	3000#	10 min	No visible leak, closed outside wing valves
9	"	"	3000#	10 min	No visible leak
10	Pipe rams with inside kill-line and choke line valves closed	down drill pipe	200#		Leak through pipe rams, operate
11	"	"	200#		Same leak, operate
12	Chart #3	"	200#		Turn pipe rams over Same leak
13	Lower kelly valve	test sub	3000#		Leak through valve operate
14	"	"	3000#	10 min	No visible leak
15	4th Chart, waiting on rig, working on BOP Pipe rams with inside kill-line and choke line valve closed	down drill pipe	200#		Leak through pipe rams operate
16	"	"	200#		Same leak, operate
17	"	"	200#		Same leak, pull ram back out
18	5th chart	"	200#		Same leak

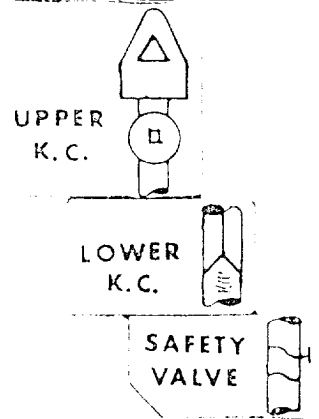
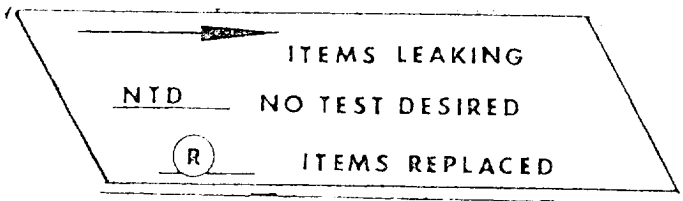
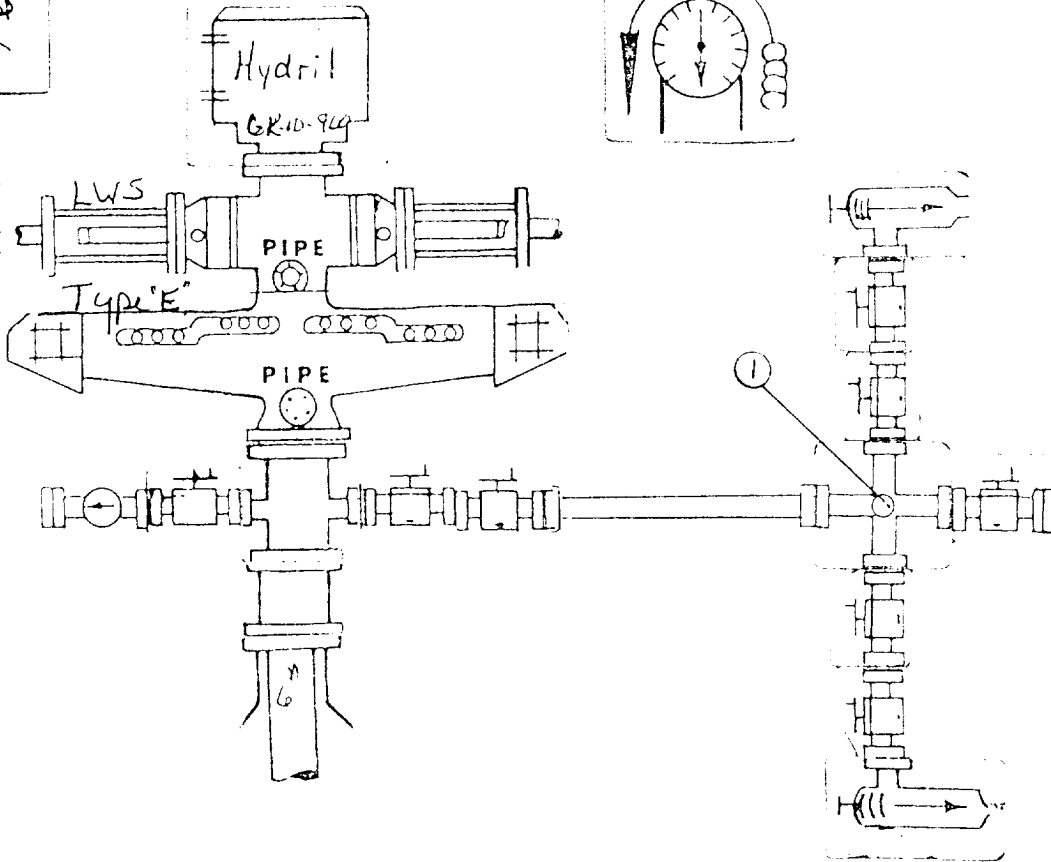
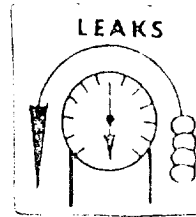
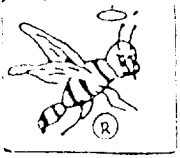


Test #	Items Tested	Pressure Pt.	Pressure	Minutes Held	Results
19	Same test	down drill pipe	200#		Same leak
20	"	"	200#		Same leak
21	"	"	2600#		Leak past plug pulled and checked
22	"	"	2000#		Same leak, replaced "O" ring on plug
23	"	"	200#		Leak past rams
24	" with casing packer	"	200#		Leak past rams
	6th chart				
25	"	"	200#		Same leak, change out BOP
	7th chart				
26	Casing with pipe rams closed, inside kill-line and chokeline valves closed	"	1800#		Lost, repressure, Bled air out of pipe
27	"	"	1800#		Leak at weld on head
28	Blind rams with inside kill-line and wing valves closed	gauge connection	400#		Leak past plug
29	8th chart, waiting on welder, welding on head 3500' of casing with blind rams closed, inside wing valves and kill-line valve closed				
30	Pipe rams with inside chokeline and kill line valve closed with tension packer	" down drill pipe	3000#	10 min	No visible leak No visible leak, closed outside choke-line and kill-line check valve
31	"	"	3500#	10 min	Lost, repressure No visible leak
32	Hydril with inside kill-line and chokeline valves closed	"	200#		Leak through Hydril, operate
33	"	"	200#		Same leak, operate
34	"	"	200#		Same leak, operate
35	"	"	200#		Same leak, lines hooked up backwards



ITEMS LEAKING
NTD NO TEST DESIRED
(R) ITEMS REPLACED





No Visible Leaks at CONCLUSION of Testing

10-14-80

