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JUL 23 1979

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

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

MESA PETROLEUM - JOG STATE COM # 1

DELTA - RIG 3

JULY 3, 1979

by

YELLOW JACKET TOOLS AND SERVICES, INC.

CARLSBAD, NEW MEXICO

TESTED BY: RODNEY RRINCE

TICKET NO. 3251

July 13, 1979

Mesa Petroleum Company  
Suite 1000 Vaughn Bldg.  
Midland, Texas 79701

Gentlemen,

We made a hydrostatic pressure test on your Jog State Com. #1, located in the Carlsbad, New Mexico area, in the Midland, Texas district on July 13, 1979.

Test was made using (plug)           x           or (packer)                                  or (both)           .  
When we arrived, the rig was nuppling up.  
These changes were made to BOP hookup since previous test first test.

List any delay observed to operation of BOPs during test: and, loss of closing pressure (other than hydril test)                                                  (Corrected)                                                 .

List items replaced during testing: inside and outside alves on choke line  
insdie & outside valve on kill line

Closures were made using pump            accumulators            both x with  
observed pressure of 1500 for test to ram type BOPs and 1200  
for test on Hydril.

Accumulator bottles 12 were pressured to 3000 at end of test.

Control valves operating as indicated on closing unit manifold except:

Extentions were            or were not x hooked up to BOPs at end of test.

No test desired to casing check valve and outside valve on kill line  
inside valve on choke line

Items leaking at the conclusion of testing and/or malfunction of  
BOPs at end of test: safety valve and kelly cock

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.

Sincerely yours,

Revere Jacket Tools and Services, Inc.

  
Billy Dugg

Enclosures



COMPANY MESA PETROLEUM

Well JOG STATE CO" 1

Date 7-13-79

| Test # | Items Tested                                                              | Pressure Pt. | Pressure | Minutes Held | Results                                                                                                                                                                                                                        |
|--------|---------------------------------------------------------------------------|--------------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | Blind rams thru end of kill line and w/outside valve on choke line closed |              |          |              |                                                                                                                                                                                                                                |
| 1      | #                                                                         |              | 2800#    |              | Leak at pack off nuts on well head                                                                                                                                                                                             |
| 2      | #                                                                         |              | 5000#    |              | Same                                                                                                                                                                                                                           |
| 3      | #                                                                         |              | #        | 14 min.      | No visible leaks waiting on rig to change inside valve on choke line and outside valve on kill line                                                                                                                            |
|        | Chart #2 wait on rig                                                      |              |          |              |                                                                                                                                                                                                                                |
|        | Chart #3                                                                  |              |          |              |                                                                                                                                                                                                                                |
| 4      | #                                                                         |              | 2000#    |              | Leak at inside flange on inside valve on choke line                                                                                                                                                                            |
| 5      | #                                                                         |              | #        |              | Same leak                                                                                                                                                                                                                      |
| 6      | #                                                                         |              | 7500#    |              | Loss repressure 1500# leak at packing nuts on outside valve on kill line inside flange on inside valve on choke line blind rams door seal and top of stem packing on inside valve on choke line                                |
| 7      | #                                                                         |              | 7500#    |              | Leak at packing nut on outside valve kill line and stem packing on inside valve on choke line<br>Leak at stem packing nut on inside valve & outside valve on kill line also leak at stem packing on inside valve on choke line |
| 8      | #                                                                         |              | #        |              | Leak at stem packing on outside valve on kill line & top flange on the well                                                                                                                                                    |
| 9      | #                                                                         |              | #        |              | Same leak                                                                                                                                                                                                                      |
| 10     | #                                                                         |              | #        |              | Leak at top flange on well head                                                                                                                                                                                                |
| 11     | #                                                                         |              | #        |              | No visible leaks                                                                                                                                                                                                               |
| 12     | #                                                                         |              | #        | 15 min.      |                                                                                                                                                                                                                                |
|        |                                                                           |              |          |              |                                                                                                                                                                                                                                |
|        |                                                                           |              |          |              |                                                                                                                                                                                                                                |



| Test # | Items Tested                                                                   | Pressure Pt.     | Pressure | Minutes Held | Results                                                                                             |
|--------|--------------------------------------------------------------------------------|------------------|----------|--------------|-----------------------------------------------------------------------------------------------------|
|        | Manifold with inside valve on manifold and inside valve on choke line closed   | Gauge Connection |          |              |                                                                                                     |
| 13     | #                                                                              |                  | 2000#    |              | Gauge connection plugged up                                                                         |
| 14     | #                                                                              |                  | 4400#    |              | Leak at outside flange on choke line at manifold and inside flange on inside outlet valve           |
| 15     | #                                                                              | #                | 7500#    |              | Leak at inside flange on manifold                                                                   |
| 16     | #                                                                              | #                | #        |              | Same leak                                                                                           |
| 17     | #                                                                              | #                | #        |              | Loss repressure several times leak thru outside valve onchoke line                                  |
| 18     | #                                                                              | #                | #        |              | Loss repressure 7500# same leak close inside valve on choke line loss                               |
| 19     | #                                                                              | #                | #        |              | repressure leak thru wing valve inside pump side closed outside valve pumps                         |
|        | Chart #4                                                                       |                  |          |              | Loss repressure several times (grease all valves oand packed them) closed outside valve on manifold |
| 20     | #                                                                              | #                | #        | 16 min.      | No visible leaks<br>Closed inside valves on manifold                                                |
| 21     | #                                                                              | #                | #        | 16 min.      | No visible leaks                                                                                    |
| 22     | Pipe rams with inside valve on choke line and inside valve on kill line closed | Down Drill Pipe  |          |              |                                                                                                     |
| 22     | #                                                                              | #                | 200#     |              | Leak thru inside valve on choke line worked valve and packed it                                     |
| 23     | #                                                                              | #                | #        |              | Same leak closed outside valve on choke line                                                        |
| 24     | #                                                                              | #                | 300#     |              | Leak thru outside valve on choke line                                                               |
| 25     | #                                                                              | #                | #        |              | Same leak                                                                                           |
| 26     | #                                                                              | #                | #        |              | #                                                                                                   |
| 27     | #                                                                              | #                | #        |              | Same leak                                                                                           |













