

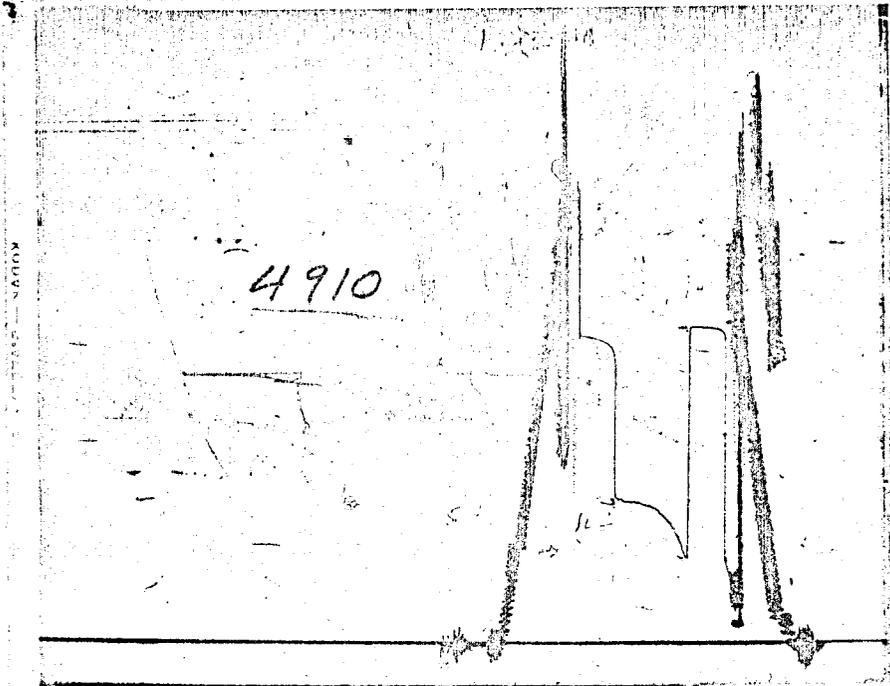


OIL WELL CEMENTING INC.

Date 1-12-66

DRILL STEM TEST RECOVERY REPORT

Ticket No. 4910



Company Bowers Drlg Co. Contractor Co-tools

Well No. 1 Lease Elsea County Barber Sec. 14 Rg. 32 Twp. 14

Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 Fh

Interval Tested From 3883' To 3896' Depth of Well 3896' Size Choke 5/8

Fluid Recovered In Drill Collors Temp. 115 Elev. 1720 DF

Initial Hyd. 2080# P.S.I. Final Hyd. 2080# P.S.I.

First Initial Flow Pressure 402# P.S.I. Opened Tool 11:55 A.M. ~~###~~

First Final Flow Pressure _____ P.S.I. First Flow Pres. 10 min. ~~###~~

Initial Closed-in Pressure 1474# P.S.I. Initial Closed-in Pres. 30 min. ~~###~~

Second Initial Flow Pressure _____ P.S.I. Second Flow Pres. 60 min. ~~###~~

Second Final Flow Pressure 670# P.S.I. Final Closed-in Pres. 30 min. ~~###~~

Final Closed-in Pressure 1431# P.S.I.

Blow Strong thruout test

Recovery Gas to surface 5 min. Gauged on pre blow 310,000 in 5 min. 621,000 in 10 min.
 after I.B.H.P. gauged 1,630,000 in 10 min. 1,930,000 in 20 min. 2,190,000 in 30 min.
 2,250,000 in 40 min. 2,310,000 in 50 min. 2,310,000 in 60 min. 120' Drlg fluid

Remarks Gas stable at end of test slid tool 10' to bottom

Approved By McCann Tester Ott

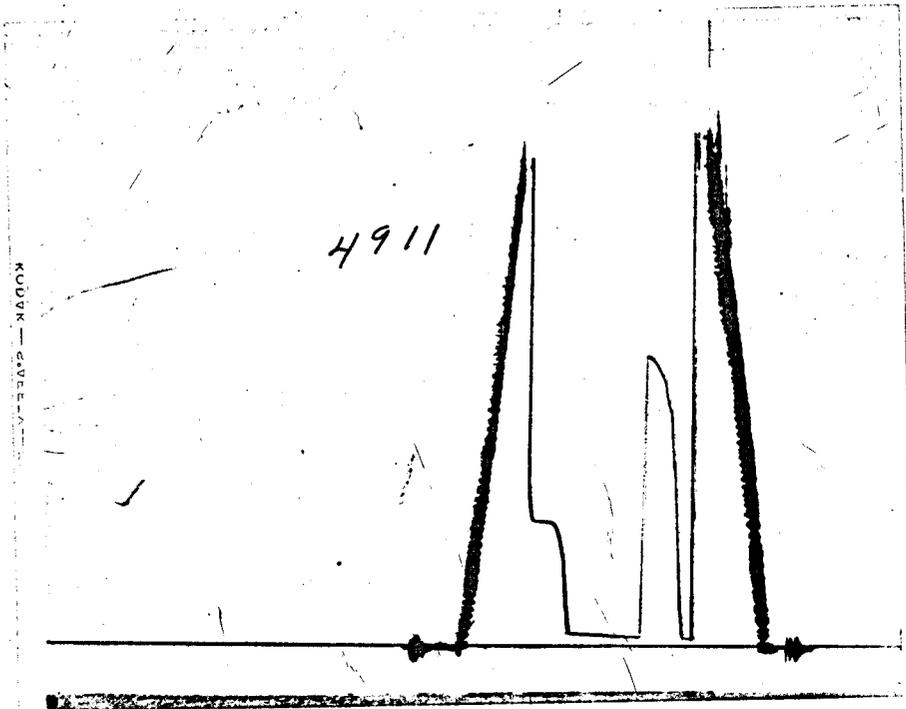


OIL WELL CEMENTING INC.

Date 1-14-66

DRILL STEM TEST RECOVERY REPORT

Ticket No. 4911



Company Bowers Drlg. Co. Contractor Co. Tools

Well No. 1 Lease Elsea County Barber Sec. 14 Rg. 32 Twp. 14

Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH

Interval Tested From 4135' To 4150' Depth of Well 4150' Size Choke 5/8

Fluid Recovered In Drill Collors- Flexweight Temp. 115 Elev. DF= 1720

Initial Hyd. 2255 # P.S.I. Final Hyd. 2255 # P.S.I.

First Initial Flow Pressure 41 # P.S.I. Opened Tool 5.50 A.M. ###

First Final Flow Pressure _____ P.S.I. First Flow Pres. 10 min ###

Initial Closed-in Pressure 1338 # P.S.I. Initial Closed-in Pres. 30 min ###

Second Initial Flow Pressure _____ P.S.I. Second Flow Pres. 60 min ###

Second Final Flow Pressure 66 # P.S.I. Final Closed-in Pres. 30 min ###

Final Closed-in Pressure 570 # P.S.I.

Blow Strong blow thruout test

Recovery Gas to surface in 18 min T.S.T.M

130' S.O.C.M. - 20' H.O.C.M.

Remarks _____

Approved By McCann Tester OTT

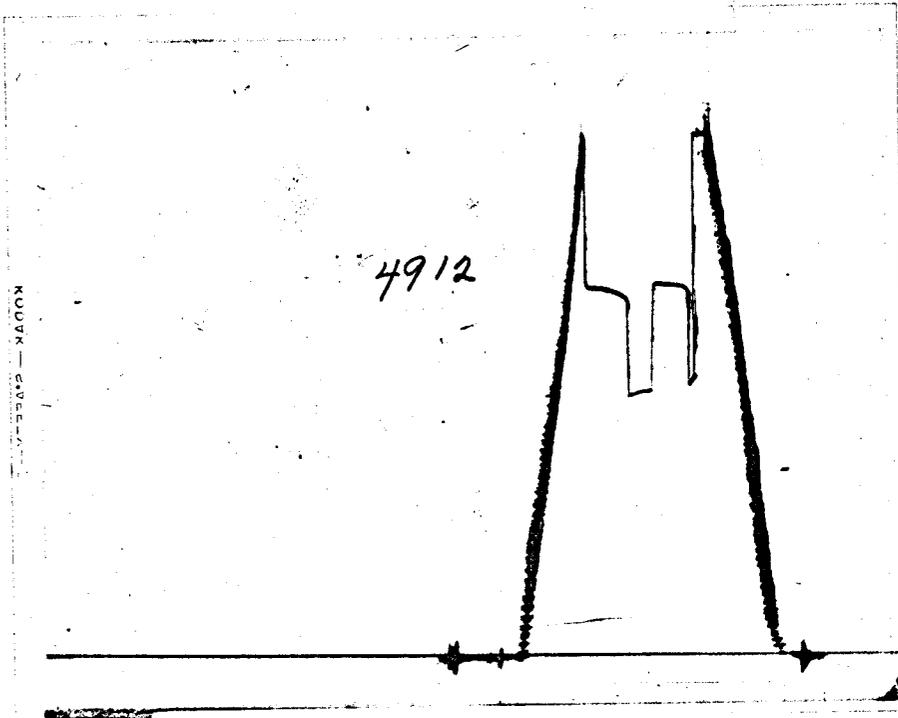


OIL WELL CEMENTING INC.

Date 1-16-66

DRILL STEM TEST RECOVERY REPORT

Ticket No. 4912



Company Bowers Drlg. Co. Contractor Co. Tools

Well No. 1 Lease Elsea County Barber Sec. 14 Rg. 32 Twp. 14

Test No. 3 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH

Interval Tested From 4401' To 4420' Depth of Well 4420' Size Choke 5/8

Fluid Recovered In Flexweight Drill Collars Temp. 124 Elev. DF- 1720

Initial Hyd. 2342 # P.S.I. Final Hyd. 2342 # P.S.I.

First Initial Flow Pressure 1219 # P.S.I. Opened Tool 12.25 P.M.

First Final Flow Pressure P.S.I. First Flow Pres. 7 min

Initial Closed-in Pressure 1690 # P.S.I. Initial Closed-in Pres. 30 min

Second Initial Flow Pressure P.S.I. Second Flow Pres. 20 min

Second Final Flow Pressure 1185 # P.S.I. Final Closed-in Pres. 30 min

Final Closed-in Pressure 1687 # P.S.I.

Blow Strong blow thruout test

Recovery Gas to surface in 1 1/2 min - Guage taken on inital opening

Guaged thru 2" in lbs per sq inch 5min - 4260000 Tool shut in 30 min

on reopening heavy muddy oily salt water spray

Remarks 360' water scumb of oil

Approved By Me Gann Tester OTT

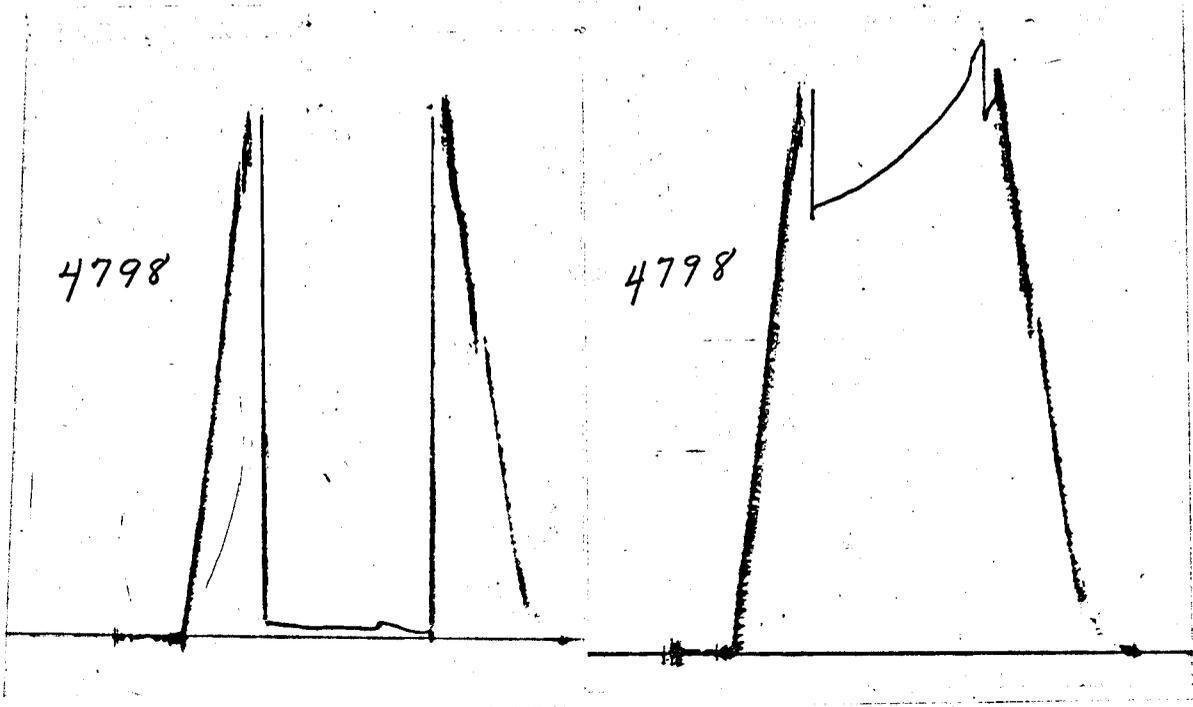


OIL WELL CEMENTING INC.

Date 1-21-66

DRILL STEM TEST RECOVERY REPORT

Ticket No. 4798



Company Bowers Drlg. Co. Contractor Co. Tools

Well No. 1 Lease Elsea County Barber Sec. 14 Rg. 32 Twp. 14

Test No. 4 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH

Interval Tested From 4822' To 4840' Depth of Well 4885' Size Choke 5/8

Fluid Recovered In Flexweighy Temp. _____ Elev. DF-1720

Initial Hyd. 2653' P.S.I. Final Hyd. 2653' P.S.I.

First Initial Flow Pressure 38 # P.S.I. Opened Tool 3.00 ~~###~~ P.M.

First Final Flow Pressure _____ P.S.I. First Flow Pres. 10 min ~~###~~

Initial Closed-in Pressure 85 # P.S.I. Initial Closed-in Pres. 30 min ~~###~~

Second Initial Flow Pressure _____ P.S.I. Second Flow Pres. 60 min ~~###~~

Second Final Flow Pressure 57 # P.S.I. Final Closed-in Pres. 30 min ~~###~~

Final Closed-in Pressure 85 # P.S.I.

Blow Strong to weak in 10 min after I.B.H.P. Fair to weak

Recovery 450' gas in pipe 30' gas cut mud 60' S.L. oil & gas cut mud

Remarks Straddle Test Jars- Safty Joint

Approved By Mc Carr Tester Williams

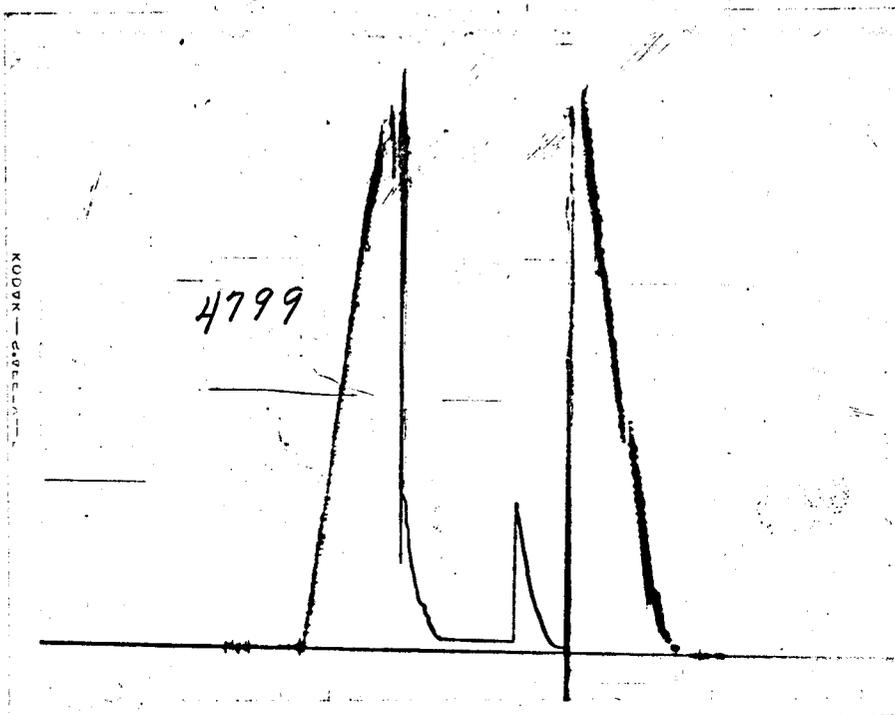


OIL WELL CEMENTING INC.

Date 1-21-66

DRILL STEM TEST RECOVERY REPORT

Ticket No. 4799



Company Bowers Drlg. Co. Contractor Co Tools C SW-NW

Well No. 1 Lease Elsea County Barber Sec. 14 Rg. 32 Twp. 14

Test No. 5 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 FH

Interval Tested From 4859' To 4885' Depth of Well 4885' Size Choke 5/8

Fluid Recovered In Temp. 118 Elev. DF-1720

Initial Hyd. 2635 # P.S.I. Final Hyd. 2635 # P.S.I.

First Initial Flow Pressure 38 # P.S.I. Opened Tool 10.30 P.M.

First Final Flow Pressure P.S.I. First Flow Pres. 10 min

Initial Closed-in Pressure 783 # P.S.I. Initial Closed-in Pres. 30 min

Second Initial Flow Pressure P.S.I. Second Flow Pres. 60 min

Second Final Flow Pressure 57 # P.S.I. Final Closed-in Pres. 30 min

Final Closed-in Pressure 783 # P.S.I.

Blow Good thruout Test

Recovery 800' gas in pipe

90' S.L. oil & gas out watery mud

Remarks

Approved By Mc Cann Tester Williams