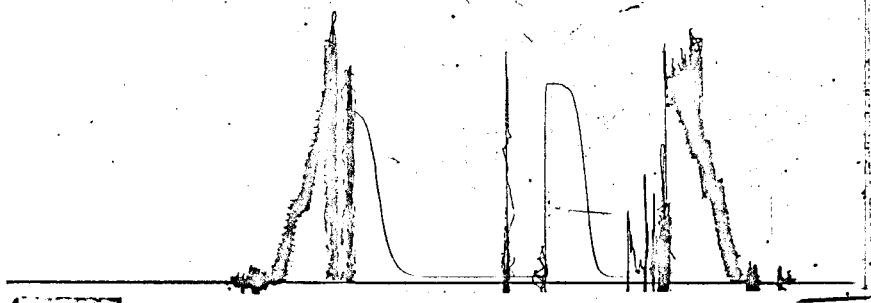
Date Dec/3/69

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6589

6589

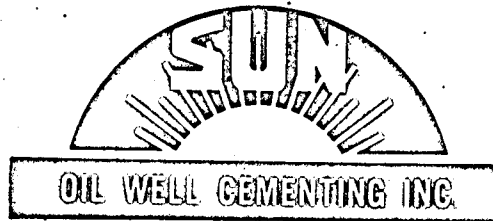


Company American Exp Contractor American Drlg Co
Well No. 1 Lease Heffel County Russell Sec. 22 Twp 14 Rng 11
Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2
Interval Tested From 2103 To 2120 Depth of Well 2120 Size Choke 5/8
Fluid Recovered In Flexweight Temp. 88 Elev. _____
Initial Hyd. 1303 P.S.I. Final Hyd. 1303 P.S.I.
First Initial Flow Pressure 44 P.S.I. Opened Tool 8:00 1/11/69 P.M.
First Final Flow Pressure _____ P.S.I. First Flow Pres. 30 Min.
Initial Closed-in Pressure 1184 P.S.I. Initial Closed-in Pres. 60 Min.
Second Initial Flow Pressure 44 P.S.I. Second Flow Pres. 90 Min.
Second Final Flow Pressure _____ P.S.I. Final Closed-in Pres. 60 Min.
Final Closed-in Pressure 1012 P.S.I.
Blow Very weak--Died in 10 min.

Recovery 180 Feet gas in pipe10 Feet Drlg mud

Remarks _____

Approved By Elster Tester Bowman

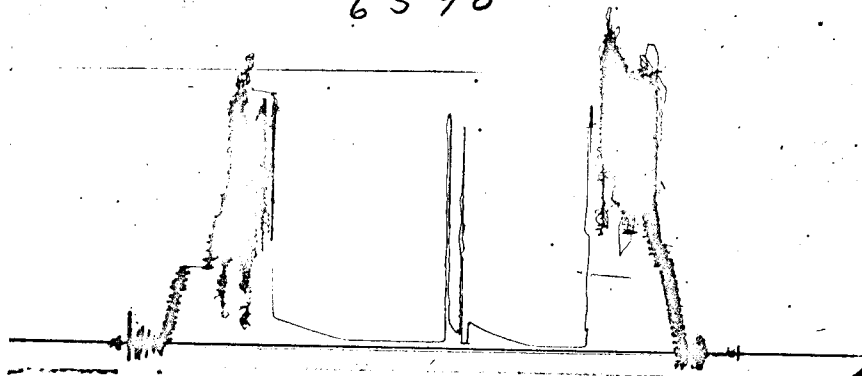


Date Dec/4/69

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6590

6590



Company American Exp Contractor American Drlg Co
Well No. 1 Lease Heffel County Russell Sec. 22 Twp 14 Rng 11
Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2
Interval Tested From 2442 To 2477 Depth of Well 2477 Size Choke 5/8
Fluid Recovered In Flexweight Temp. 91 Elev. _____
Initial Hyd. 1465 P.S.I. Final Hyd. 1465 P.S.I.
First Initial Flow Pressure 44 P.S.I. Opened Tool 8:45 1/11/1 P.M.
First Final Flow Pressure _____ P.S.I. First Flow Pres. 30 Min.
Initial Closed-in Pressure 187 P.S.I. Initial Closed-in Pres. 60 Min.
Second Initial Flow Pressure 44 P.S.I. Second Flow Pres. 90 Min.
Second Final Flow Pressure _____ P.S.I. Final Closed-in Pres. 60 Min.
Final Closed-in Pressure 187 P.S.I.
Blow Fair Thru-out test

Recovery 90 Feet oil cut mud

Remarks _____

Approved By Elster Tester Bowman

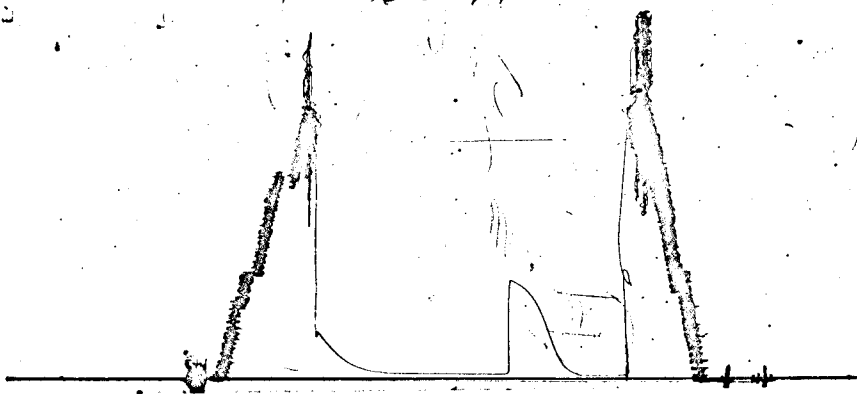


CARL WELLS CEMENTING INC.

Date Dec/6/69

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6591



Company American Exp Contractor American Drlg Co
Well No. 1 Lease Heffel County Russell Sec. 22 Twp 14 Rng 11
Test No. 3 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2
Interval Tested From 2829 To 2846 Depth of Well 2846 Size Choke 5/8
Fluid Recovered In Flexweight Temp. 90 Elev. _____
Initial Hyd. 1625 P.S.I. Final Hyd. 1625 P.S.I.
First Initial Flow Pressure 33 P.S.I. Opened Tool 2:55 MM P.M.
First Final Flow Pressure _____ P.S.I. First Flow Pres. 30 Min.
Initial Closed-in Pressure 603 P.S.I. Initial Closed-in Pres. 60 Min.
Second Initial Flow Pressure 44 P.S.I. Second Flow Pres. 90 Min.
Second Final Flow Pressure _____ P.S.I. Final Closed-in Pres. 60 Min.
Final Closed-in Pressure 275 P.S.I.
Blow Weak for 30 min

Recovery 10 Feet oil speck drlg mud

Remarks _____

Approved By Elster Tester Bowman