

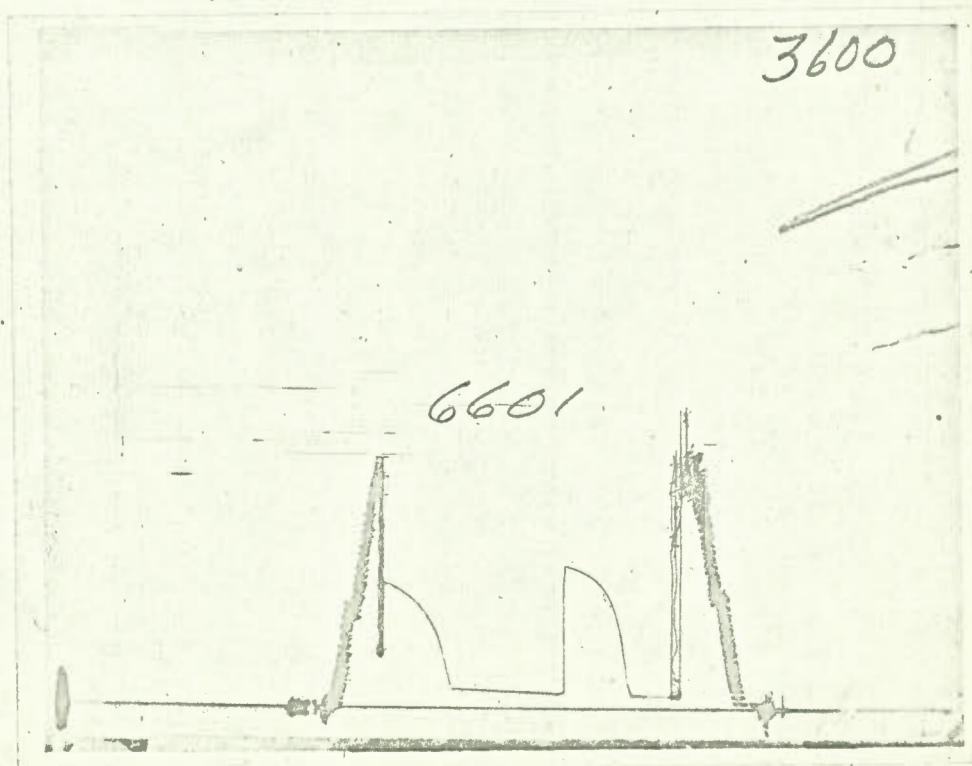


OIL WELL CEMENTING INC.

Date 12-4-70

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6601



Company A.J. GORSKI Contractor AMERICAN DRILLING CO.

Well No. A-8 Lease VOPAT County ELLSWORTH Sec. 21 Twp 14 Rng 10

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

Interval Tested From 2184 To 2230 Depth of Well 2230 Size Choke 5/8

Fluid Recovered In Flexweight Temp. 82 Elev. _____

Initial Hyd. 1261 P.S.I. Final Hyd. _____ P.S.I.

First Initial Flow Pressure 55 P.S.I. Opened Tool 1:40 A.M. ~~XXX~~

First Final Flow Pressure 55 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 734 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 64 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 92 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 643 P.S.I.

Blow FAIR BLOW THRU-OUT TEST

Recovery 65' WATERY MUD--SLIGHT OIL SPECKED

Remarks _____

Approved By TOBY ELSTER Tester SMITH #013

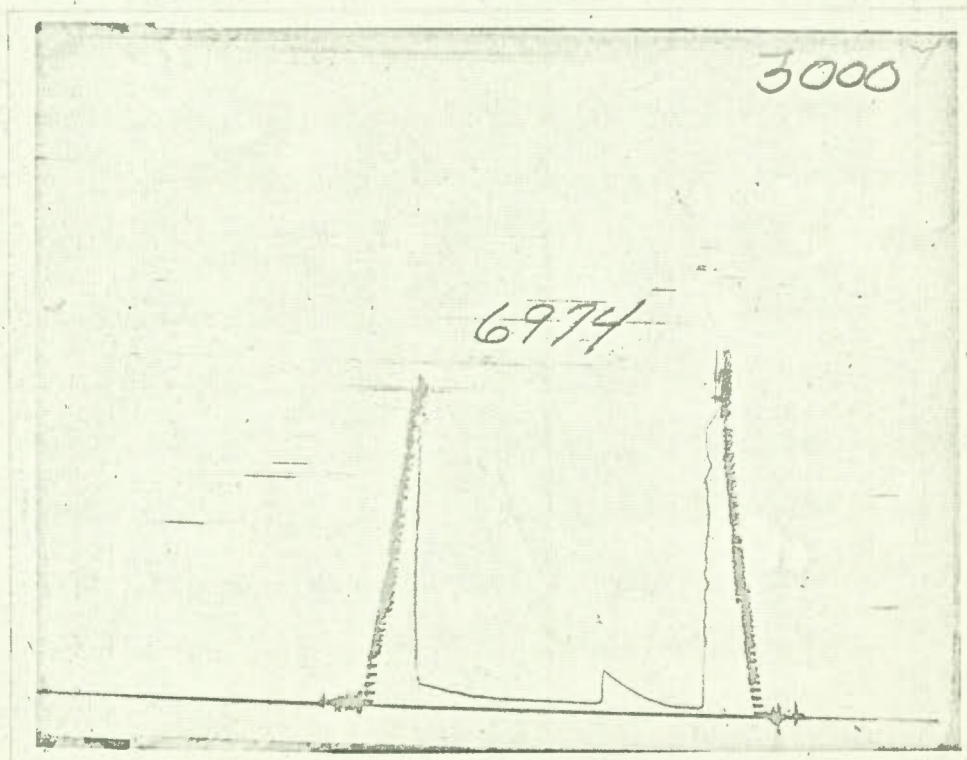


OIL WELL CEMENTING INC.

Date 12-4-70

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6974



Company A. J. GORSKI Contractor AMERICAN DRILLING CO.

Well No. A-8 Lease VOPAT County ELLSWORTH Sec. 21 Twp 14 Rng 10

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

Interval Tested From 2388 To 2465 Depth of Well 2465 Size Choke 5/8

Fluid Recovered In Flexweight Temp. 98 Elev.

Initial Hyd. 1324 P.S.I. Final Hyd. P.S.I.

First Initial Flow Pressure 21 P.S.I. Opened Tool 9:10 XXXX P.M.

First Final Flow Pressure 21 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 102 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 21 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 36 P.S.I. Final Closed-in Pres. 60 Min.

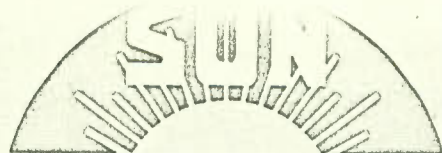
Final Closed-in Pressure 160 P.S.I.

Blow WEAK BLOW THRU-OUT TEST

Recovery 10' OIL CUT MUD

Remarks

Approved By TOBY ELSTER Tester SMITH #013



OIL WELL CEMENTING INC.

Date 12-6-70

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6602



Company A. J. GORSKI Contractor AMERICAN DRILLING CO.

Well No. A-8 Lease VOPAT County ELLSWORTH Sec. 21 Twp 14 Rng 10

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

Interval Tested From 2827 To 2860 Depth of Well 2860 Size Choke 5/8

Fluid Recovered In FLEXWEIGHT Temp. 88 Elev. _____

Initial Hyd. 1578 P.S.I. Final Hyd. 1555 P.S.I.

First Initial Flow Pressure 43 P.S.I. Opened Tool 7:30 ~~XXXX~~ P.M.

First Final Flow Pressure 51 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 447 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 65 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 102 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 447 P.S.I.

Blow GOOD TO STRONG BLOW THUR-OUT TEST

Recovery 560' GAS IN PIPE

65' HEAVY OIL & GAS OUT MUD

120' GASSEY OIL

Remarks _____

Approved By TOBY ELSTER Tester SMITH #013

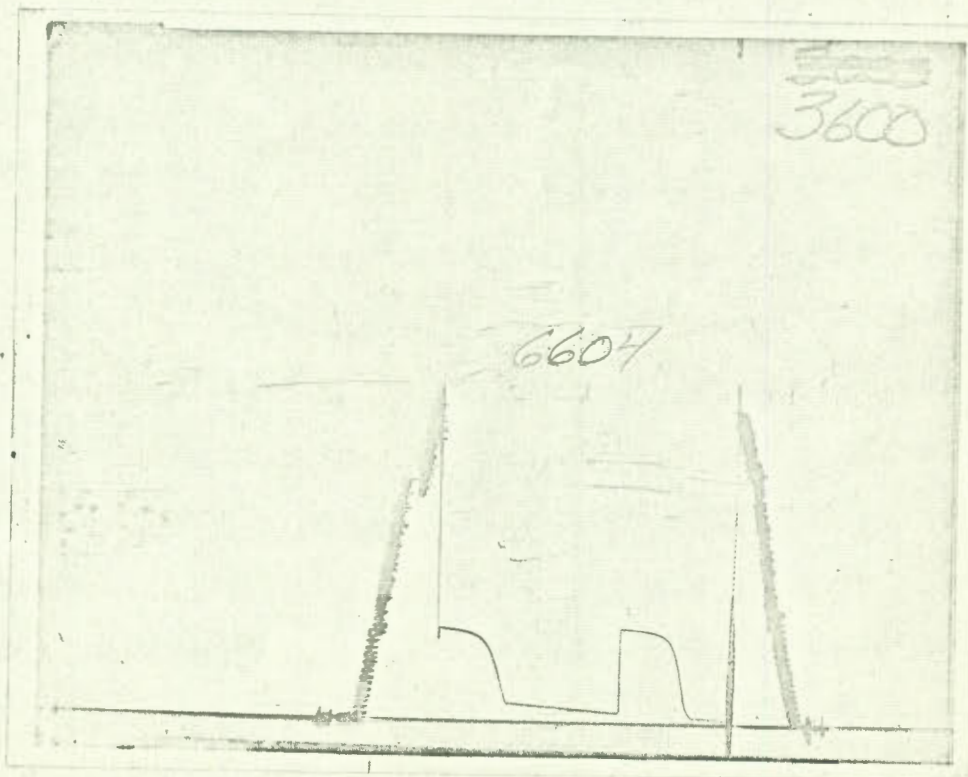


OIL WELL CEMENTING INC.

Date 12-7-70

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6604



Company A. J. GORSKI Contractor AMERICAN DRILLING CO.

Well No. A-8 Lease VOPAT County ELLSWORTH Sec. 21 Twp 14 Rng 10

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

Interval Tested From 2905 To 2915 Depth of Well 2915 Size Choke 5/8

Fluid Recovered In FLEXWEIGHT Temp. 98 Elev.

Initial Hyd. 1585 P.S.I. Final Hyd. P.S.I.

First Initial Flow Pressure 21 P.S.I. Opened Tool 10:30 A.M. XXX

First Final Flow Pressure 29 P.S.I. First Flow Pres. 30 Min.

Initial Closed-in Pressure 476 P.S.I. Initial Closed-in Pres. 60 Min.

Second Initial Flow Pressure 51 P.S.I. Second Flow Pres. 90 Min.

Second Final Flow Pressure 87 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 476 P.S.I.

Blow FAIR TO STRONG THRU-OUT TEST

Recovery 480' GAS IN PIPE

10' FREE OIL --- 110' HEAVY OIL & GAS CUT MUD WITH FREE OIL

15' OILY WATER 45' WATER

Remarks

Approved By TOBY ELSTER Tester SMITH # 013