

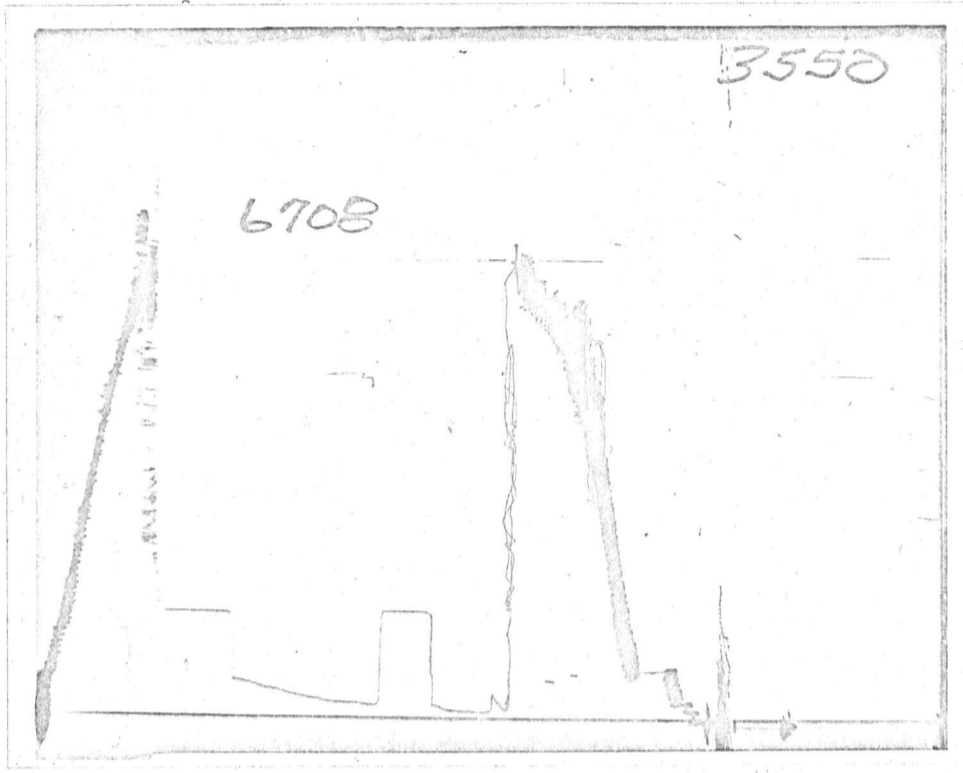


OIL WELL CEMENTING INC.

Date 2/28/71

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6708



Company Will P. Ash Contractor Sage Drlg. Co.

Well No. 2 Lease Spence County Pawnee Sec. 18 Twp 23 Rng 17

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

Interval Tested From 4242 To 4280 Depth of Well 4280 Size Choke 5/8

Fluid Recovered In _____ Temp. 112 Elev. _____

Initial Hyd. 2290 P.S.I. Final Hyd. _____ P.S.I.

First Initial Flow Pressure 33 P.S.I. Opened Tool 10:45 A.M. ~~10:45~~

First Final Flow Pressure 75 P.S.I. First Flow Pres. 60 Min.

Initial Closed-in Pressure 536 P.S.I. Initial Closed-in Pres. 45 Min.

Second Initial Flow Pressure 66 P.S.I. Second Flow Pres. 120 Min.

Second Final Flow Pressure 192 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 528 P.S.I.

Blow Strong Thru-Out Test

Recovery Gas To Surface In 63 Min. 30' Gas Cut Mud 120' Gas Cut Mud With Slight

Show Of Oil 120' Oil & Gas Cut Mud 120' Heavy Oil & Gas Cut Mud

120' Mud & Oil Cut Water

Remarks _____

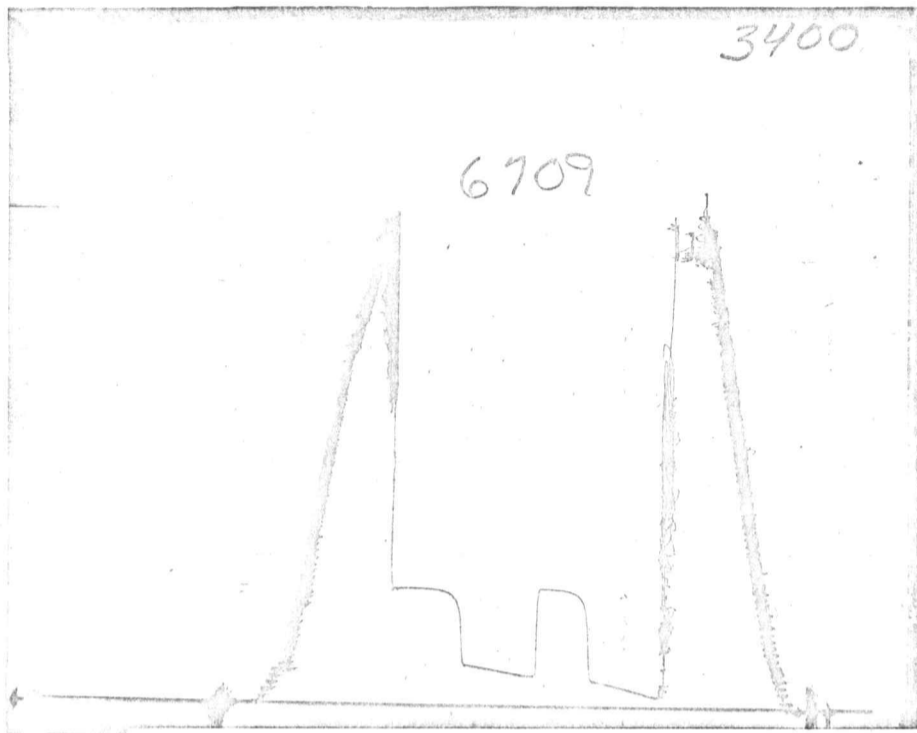
Approved By Poulsen Tester Smith



Date 3/1/71

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6709



Company Will P. Ash Contractor Sage Drlg. Co.
 Well No. 2 Lease Spence County Pawnee Sec. 18 Twp 23 Rng 17
 Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 E.H.
 Interval Tested From 4286 To 4297 Depth of Well 4297 Size Choke 5/8
 Fluid Recovered In _____ Temp. 118 Elev. _____
 Initial Hyd. 2167 P.S.I. Final Hyd. _____ P.S.I.
 First Initial Flow Pressure 33 P.S.I. Opened Tool 12:00 ~~###~~ P.M.
 First Final Flow Pressure 108 P.S.I. First Flow Pres. 60 Min.
 Initial Closed-in Pressure 545 P.S.I. Initial Closed-in Pres. 45 Min.
 Second Initial Flow Pressure 133 P.S.I. Second Flow Pres. 60 Min.
 Second Final Flow Pressure 175 P.S.I. Final Closed-in Pres. 60 Min.
 Final Closed-in Pressure 545 P.S.I.
 Blow Strong Decreasing To Dead By End Of Test

Recovery 80' Gas Cut Mud With A Very Slight Show Of Oil
300' Muddy Water

Remarks _____

Approved By Poulsen Tester Smith

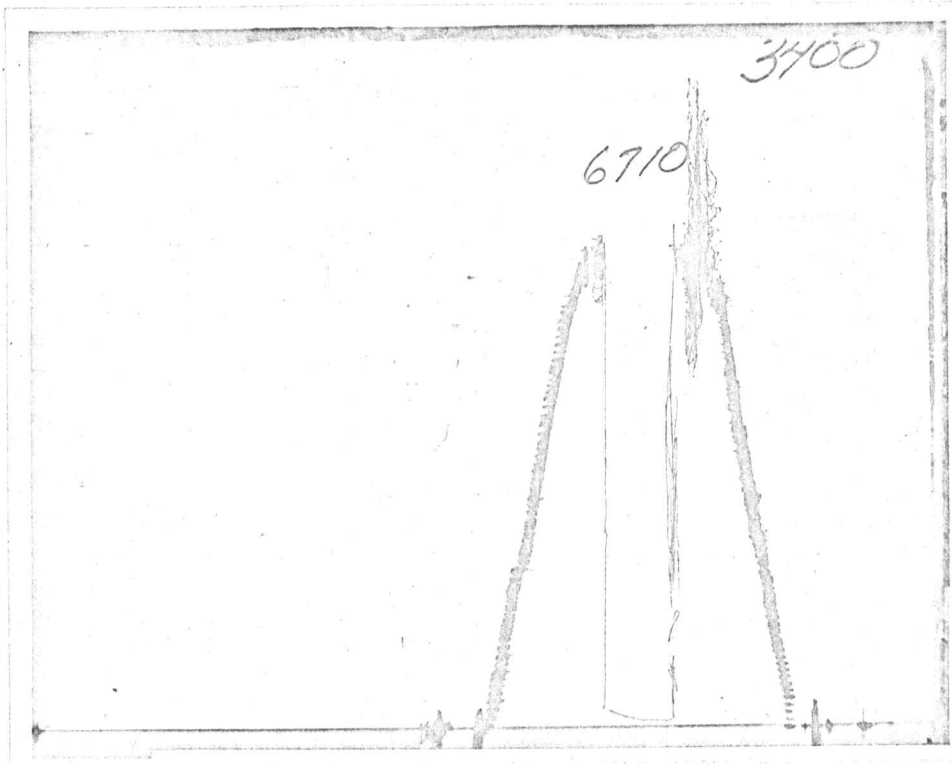


OIL WELL CEMENTING INC.

Date 3/2/71

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6710



Company Will P. Ash Contractor Sage Drlg.

Well No. 2 Lease Spence County Pawnee Sec. 18 Twp 23 Rng 17

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

Interval Tested From 4301 To 4312 Depth of Well 4312 Size Choke 5/8

Fluid Recovered In _____ Temp. _____ Elev. _____

Initial Hyd. 2272 P.S.I. Final Hyd. _____ P.S.I.

First Initial Flow Pressure ***** P.S.I. Opened Tool 10:35 A.M. ~~7:10~~

First Final Flow Pressure ***** P.S.I. First Flow Pres. _____ Min.

Initial Closed-in Pressure ***** P.S.I. Initial Closed-in Pres. _____ Min.

Second Initial Flow Pressure 25 P.S.I. Second Flow Pres. 25 Min.

Second Final Flow Pressure _____ P.S.I. Final Closed-in Pres. 30 Min.

Final Closed-in Pressure 75 P.S.I.

Blow Very Weak Dead In 23 Min.

Recovery 10' Mud

Remarks _____

Approved By Poulsen Tester Smith

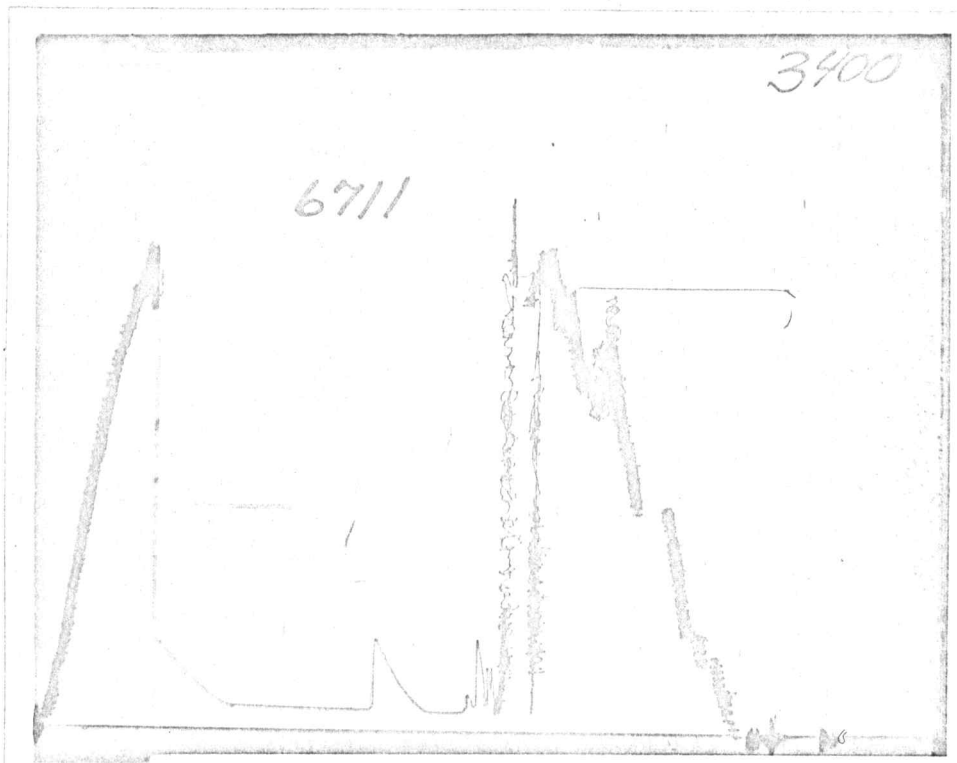


OIL WELL CEMENTING INC.

Date 3/3/71

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6711



Company Will P. Ash Contractor Sage Drlg. Co.

Well No. 2 Lease Spence County Pawnee Sec. 18 Twp 23 Rng 17

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

Interval Tested From 4310 To 4360 Depth of Well 4360 Size Choke 5/8

Fluid Recovered In _____ Temp. 130 Elev. _____

Initial Hyd. 2185 P.S.I. Final Hyd. _____ P.S.I.

First Initial Flow Pressure 83 P.S.I. Opened Tool 3:15 A.M. ~~###~~

First Final Flow Pressure 83 P.S.I. First Flow Pres. 60 Min.

Initial Closed-in Pressure 427 P.S.I. Initial Closed-in Pres. 45 Min.

Second Initial Flow Pressure 91 P.S.I. Second Flow Pres. 120 Min.

Second Final Flow Pressure 108 P.S.I. Final Closed-in Pres. 60 Min.

Final Closed-in Pressure 410 P.S.I.

Blow Very Weak Thru-Out Test

Recovery 80' Mud With Few Oil Spots 60' Thin Watery Mud

Remarks _____

Approved By Poulsen Tester Smith