

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>A. L. Abercrombie Inc.</u>	Test No. <u>1</u>
Well Name & Number <u>Rogers #3</u>	Zone Tested <u>Lansing</u>
Company Address <u>801 Union Center</u>	Date <u>2-5-77</u>
Comp. Rep. <u>Greg Cheney</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Abercrombie Drlg. Inc.</u>	Elevation <u>2791 D.F.</u>
Location: Sec. <u>36</u> Twp. <u>2S</u> Rge. <u>30W</u> Co. <u>Decatur</u> State <u>Kan</u>	Est. Feet of Pay _____

Recorder No. 3695 Type Kuster Range 5300 PSI

Recorder Depth 3827

(A) Initial Hydrostatic Mud 1845 PSI

(B) First Initial Flow Pressure 26 PSI

(C) First Final Flow Pressure 66 PSI

(D) Initial Closed-in Pressure 1372 PSI

(E) Second Initial Flow Pressure 92 PSI

(F) Second Final Flow Pressure 264 PSI

(G) Final Closed-in Pressure 1372 PSI

(H) Final Hydrostatic Mud 1830 PSI

Temperature 110°

Mud Weight 9.2 Viscosity 37

Fluid Loss 5.6 cc

Interval Tested 3770-3830

Anchor Length 60'

Top Packer Depth 3765

Bottom Packer Depth 3770

Total Depth 3830

Drill Pipe Size 3½ I.F.

Wt. Pipe I. D. 2.7 Ft. Run _____

Recovery—Total Feet 470

Recovered 470 Feet Of Salt water

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____

Recorder No. 54 Type HST Range 4000 PSI

Recorder Depth 3824

Tool Open Before I. S. I. 15 Mins.

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size ½"

Main Hole Size 6½"

Rubber Size 5½"

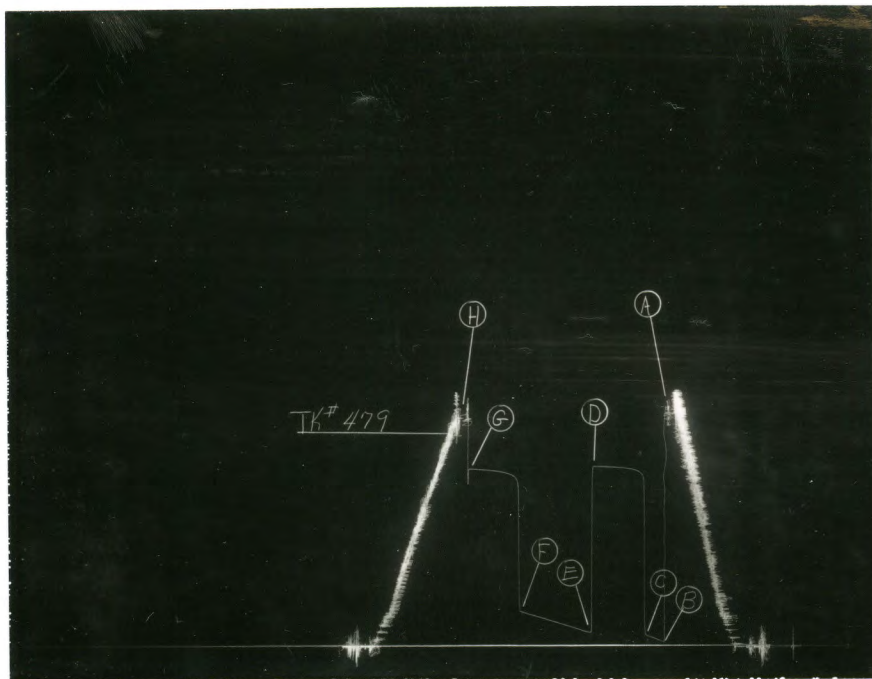
Tool Open @ 2:00 P.M.

Blow Good

Remarks _____

Drill Collar I. D. 2.7 Ft. Run 300

Price of Job \$ 380.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1845	PSI
(B) First Initial Flow Pressure	26	PSI
(C) First Final Flow Pressure	66	PSI
(D) Initial Closed-in Pressure	1372	PSI
(E) Second Initial Flow Pressure	92	PSI
(F) Second Final Flow Pressure	264	PSI
(G) Final Closed-in Pressure	1372	PSI
(H) Final Hydrostatic Mud	1830	PSI

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DRILL-STEM TEST DATA

Company	A.L. Abercrombie Inc.	Test No.	2
Well Name & Number	Rogers #3	Zone Tested	Lansing
Company Address	801 Union Center	Date	2-6-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Abercrombie Drlg. Inc.	Elevation	2971 D.F.
Location: Sec. 36 Twp. 2S Rge. 30W Co. Decatur State Kan.		Est. Feet of Pay	

Recorder No. **3695** Type **Kuster** Range **5300** PSI

Recorder Depth **3862**

(A) Initial Hydrostatic Mud **1810** PSI

(B) First Initial Flow Pressure **20** PSI

(C) First Final Flow Pressure **20** PSI

(D) Initial Closed-in Pressure **20** PSI

(E) Second Initial Flow Pressure **20** PSI

(F) Second Final Flow Pressure **20** PSI

(G) Final Closed-in Pressure **20** PSI

(H) Final Hydrostatic Mud **1800** PSI

Temperature **108°**

Mud Weight **9.2** Viscosity **40**

Fluid Loss **5.6 cc**

Interval Tested **3837-3865**

Anchor Length **28'**

Top Packer Depth **3832**

Bottom Packer Depth **3837**

Total Depth **3865**

Drill Pipe Size **3½ I.F.**

Wt. Pipe I. D. **2.7** Ft. Run

Recovery—Total Feet **5**

Recovered **5** Feet Of **Thin mud.**

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. **54** Type **H&T** Range **4000** PSI

Recorder Depth **3859**

Tool Open Before I. S. I. **30** Mins.

Initial Shut-in **30** Mins.

Flow Period **30** Mins.

Final Shut-in **30** Mins.

Surface Choke Size **1"**

Bottom Choke Size **½"**

Main Hole Size **6½"**

Rubber Size **5½"**

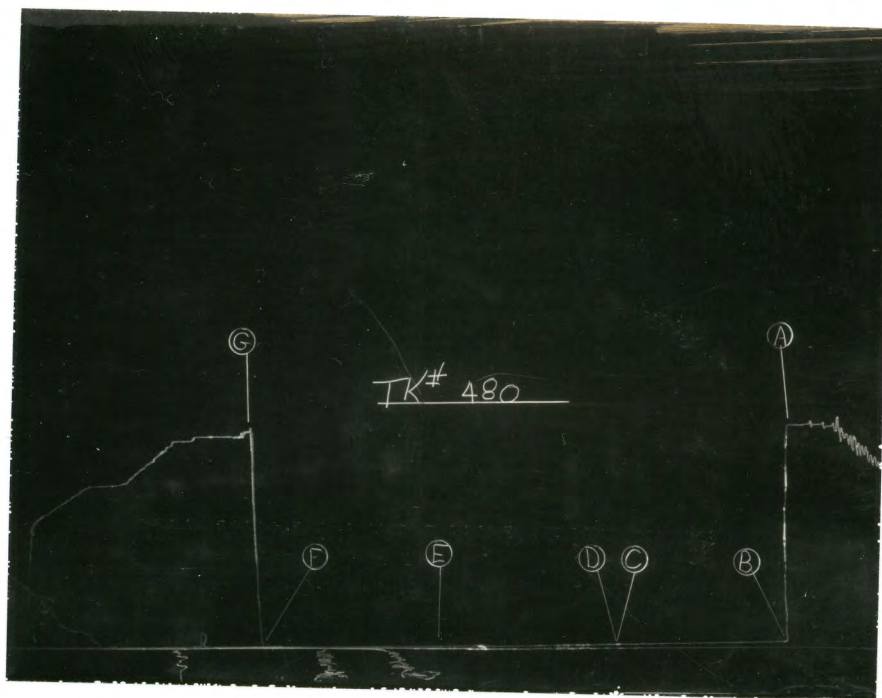
Tool Open @ **4:40 A.M.**

Blow **Weak for 20 minutes.**

Remarks

Drill Collar I. D. **2.7** Ft. Run **300**

Price of Job **\$380.00**



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1810	PSI
(B) First Initial Flow Pressure	20	PSI
(C) First Final Flow Pressure	20	PSI
(D) Initial Closed-in Pressure	20	PSI
(E) Second Initial Flow Pressure	20	PSI
(F) Second Final Flow Pressure	20	PSI
(G) Final Closed-in Pressure	20	PSI
(H) Final Hydrostatic Mud	1800	PSI

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DRILL-STEM TEST DATA

Company	A. L. Abercrombie Inc.	Test No.	3
Well Name & Number	Rogers #3	Zone Tested	Lansing
Company Address	801 Union Center	Date	2-6-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Abercrombie Drlg. Inc.	Elevation	2791 D.F.
Location: Sec. 36 Twp. 2S Rge. 30W Co. Decatur State Kan		Est. Feet of Pay	

Recorder No. 3695 Type Kuster Range 5300 PSI

Recorder Depth 3907

(A) Initial Hydrostatic Mud 1855 PSI

(B) First Initial Flow Pressure 13 PSI

(C) First Final Flow Pressure 13 PSI

(D) Initial Closed-in Pressure 13 PSI

(E) Second Initial Flow Pressure 13 PSI

(F) Second Final Flow Pressure 13 PSI

(G) Final Closed-in Pressure 13 PSI

(H) Final Hydrostatic Mud 1830 PSI

Temperature 109°

Mud Weight 9.2 Viscosity 40

Fluid Loss 6.2 cc

Interval Tested 3978-3910

Anchor Length 32'

Top Packer Depth 3973

Bottom Packer Depth 3978

Total Depth 3910

Drill Pipe Size 3½ I.F.

Wt. Pipe I. D. 2.7 Ft. Run

Recovery—Total Feet 10

Recovered 10 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. 54 Type H&T Range 4000 PSI

Recorder Depth 3904

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

Surface Choke Size 1"

Bottom Choke Size ½"

Main Hole Size 6½"

Rubber Size 5½"

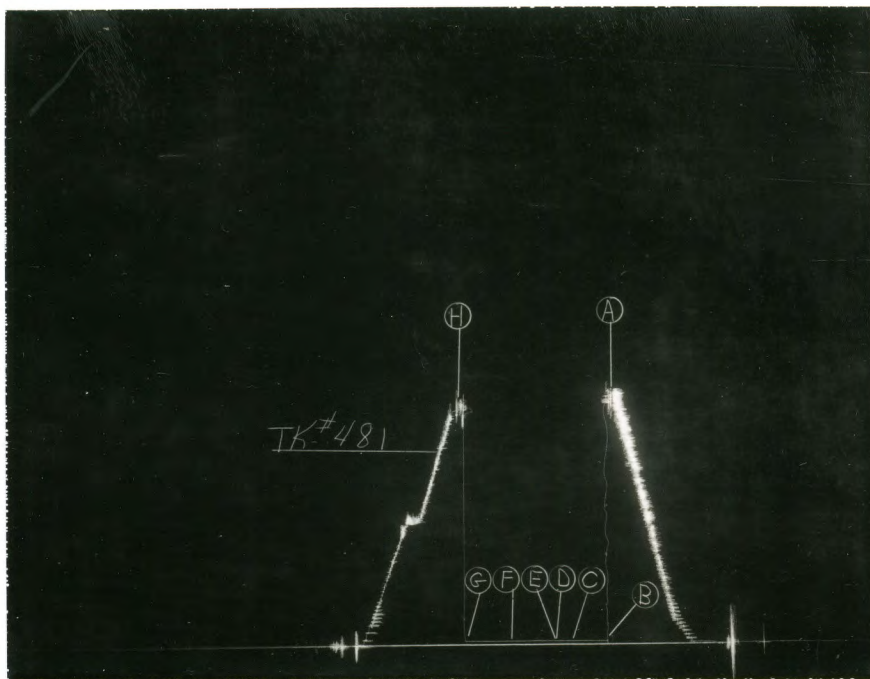
Tool Open @ 7:15 P.M.

Blow Weak for 10 minutes.

Remarks

Drill Collar I. D. 2.7 Ft. Run 300

Price of Job \$380.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1855	PSI
(B) First Initial Flow Pressure	13	PSI
(C) First Final Flow Pressure	13	PSI
(D) Initial Closed-in Pressure	13	PSI
(E) Second Initial Flow Pressure	13	PSI
(F) Second Final Flow Pressure	13	PSI
(G) Final Closed-in Pressure	13	PSI
(H) Final Hydrostatic Mud	1830	PSI