

This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1976		PSI
(B) First Initial Flow Pressure .....	13		PSI
(C) First Final Flow Pressure .....	13		PSI
(D) Initial Closed-in Pressure .....	39		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 .....	1960		PSI

# CHENEY TESTING COMPANY

P. O. BOX 3      HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company <b>A.L. Abercrombie Inc.</b>	Test No. <b>2</b>
Well Name & Number <b>Robertson #4</b>	Zone Tested <b>Kansas City</b>
Company Address <b>801 Union Center</b>	Date <b>2-15-77</b>
Comp. Rep. <b>Greg Cheney</b>	Tester <b>Kenneth Cheney</b>
Contractor <b>Abercrombie Drlg. Inc.</b>	Elevation <b>2866 K.B.</b>
Location: Sec. <b>21</b> Twp. <b>5S</b> Rge. <b>30W</b> Co. <b>Decatur</b> State <b>Kan.</b>	Est. Feet of Pay _____

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

Recorder Depth **4082**

(A) Initial Hydrostatic Mud **2002** PSI

(B) First Initial Flow Pressure **52** PSI

(C) First Final Flow Pressure **58** PSI

(D) Initial Closed-in Pressure **462** PSI

(E) Second Initial Flow Pressure **58** PSI

(F) Second Final Flow Pressure **58** PSI

(G) Final Closed-in Pressure **158** PSI

(H) Final Hydrostatic Mud **1970** PSI

Temperature **111°**

Mud Weight **9.4** Viscosity **40**

Fluid Loss **3.2 cc**

Interval Tested **4020-4085**

Anchor Length **65'**

Top Packer Depth **4015**

Bottom Packer Depth **4020**

Total Depth **4085**

Drill Pipe Size **3½ I.F.**

Wt. Pipe I. D. \_\_\_\_\_ Ft. Run \_\_\_\_\_

Recovery—Total Feet **70**

Recovered **70** Feet Of **Mud**

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment \_\_\_\_\_ Price of Job **\$415.00**

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

Recorder Depth **4079**

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

Initial Shut-in **45** Mins.

Flow Period **30** Mins.

Final Shut-in **30** Mins.

Surface Choke Size **1"**

Bottom Choke Size **½"**

Main Hole Size **6½"**

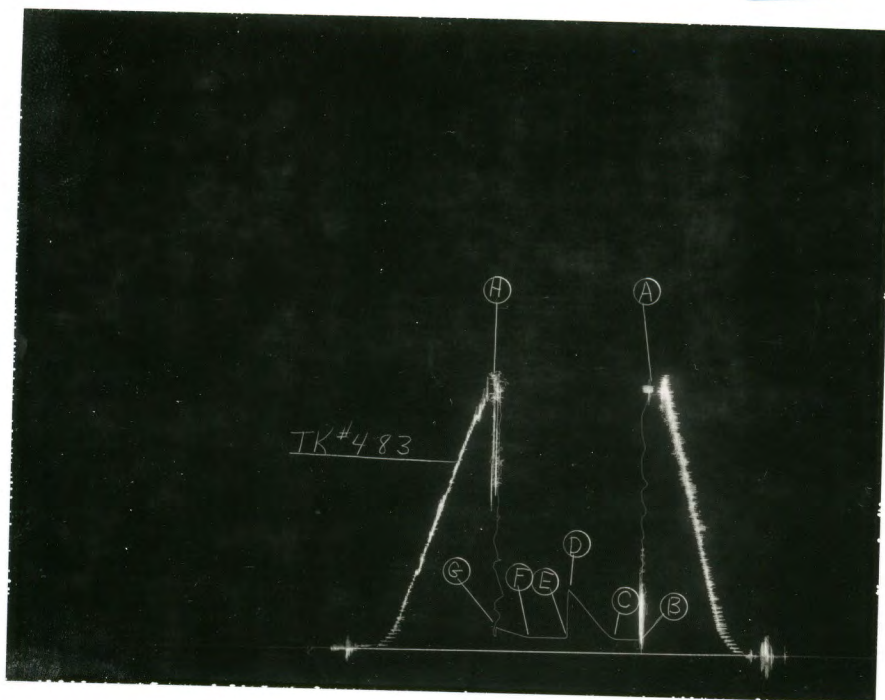
Rubber Size **5¼"**

Tool Open @ **5:45 P.M.**

Blow **Weak for 15 minutes**

Remarks **Slid tool 15'**

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



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(E) Second Initial Flow Pressure .....	58		PSI
(F) Second Final Flow Pressure .....	58		PSI
(G) Final Closed-in Pressure .....	158		PSI
(H) Final Hydrostatic Mud .....	1970		PSI

# 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>3</u>
Well Name & Number <u>Robertson #4</u>	Zone Tested <u>Kansas City</u>
Company Address <u>801 Union Center</u>	Date <u>2-16-77</u>
Comp. Rep. <u>Greg Cheney</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Abercrombie Drig. Inc.</u>	Elevation <u>2866 K.B.</u>
Location: Sec. <u>21</u> Twp. <u>5S</u> Rge. <u>30W</u> Co. <u>Decatur</u> State <u>Kan.</u>	Est. Feet of Pay <u>4</u>

Recorder No. 3695 Type Kuster Range 5300 PSI

Recorder Depth 4106

(A) Initial Hydrostatic Mud 2042 PSI

(B) First Initial Flow Pressure 39 PSI

(C) First Final Flow Pressure 39 PSI

(D) Initial Closed-in Pressure 820 PSI

(E) Second Initial Flow Pressure 39 PSI

(F) Second Final Flow Pressure 39 PSI

(G) Final Closed-in Pressure 277 PSI

(H) Final Hydrostatic Mud 2030 PSI

Temperature 111°

Mud Weight 9.4 Viscosity 40

Fluid Loss 3.8 cc

Interval Tested 4085-4109

Anchor Length 24'

Top Packer Depth 4080

Bottom Packer Depth 4085

Total Depth 4109

Drill Pipe Size 3½ I.F.

Wt. Pipe I. D. 2.7 Ft. Run \_\_\_\_\_

Recovery—Total Feet 61

Recovered 1 Feet Of Oil

Recovered 60 Feet Of Slightly oil cut mud.

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Recovered \_\_\_\_\_ Feet Of \_\_\_\_\_

Extra Equipment \_\_\_\_\_

Recorder No. 54 Type HCT Range 4000 PSI

Recorder Depth 4103

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

Initial Shut-in 45 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 @ 8:00 A.M.

Blow weak for 20 minutes

Remarks \_\_\_\_\_

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Drill Collar I. D. 2.7 Ft. Run 300

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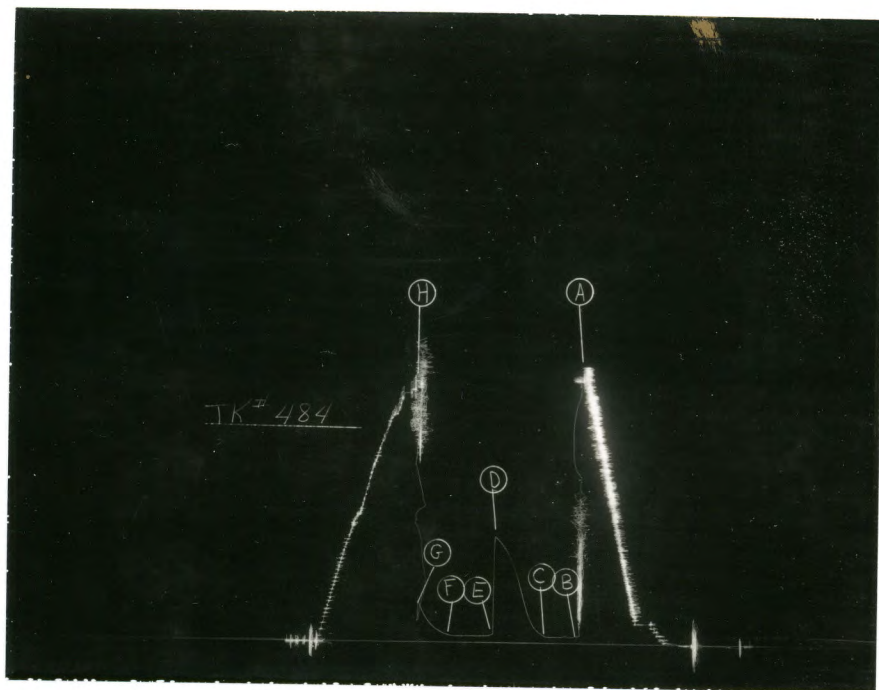
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Price of Job \$415.00



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(E) Second Initial Flow Pressure .....	39		PSI
(F) Second Final Flow Pressure .....	39		PSI
(G) Final Closed-in Pressure .....	277		PSI
(H) Final Hydrostatic Mud .....	2030		PSI