

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>J.A. Allison</u>	Test No. <u>1</u>
Well Name & Number <u>Sleeper #1</u>	Zone Tested <u>Kansas City</u>
Company Address <u>300 W. Douglas Suite 305 Wichita, Ks.</u>	Date <u>11/2/84</u>
Company Rep. <u>David Brewer</u>	Tester <u>Bill Ulrich</u>
Contractor <u>Woodman-Janniti Drilling Company</u>	Elevation <u>1684 GL</u>
Location: Sec. <u>17</u> Twp. <u>21s</u> Rge. <u>9w</u> Co. <u>Rice</u> State <u>Ks.</u>	Est. Feet of Pay _____

Recorder No. 7456 Type AK-1 Range 4150 PSI

Recorder Depth 3052 Clock # 25719

(A) Initial Hydrostatic Mud 1625 PSI

(B) First Initial Flow Pressure Plugged PSI

(C) First Final Flow Pressure Plugged PSI

(D) Initial Shut-in Pressure Plugged PSI

(E) Second Initial Flow Pressure 158 PSI

(F) Second Final Flow Pressure 158 PSI

(G) Final Shut-in Pressure 1104 PSI

(H) Final Hydrostatic Mud 1541 PSI

Temperature 108

Mud Weight 9.7 Viscosity 40

Fluid Loss 8.0

Interval Tested 3013-3061

Anchor Length 48

Top Packer Depth 3008

Bottom Packer Depth 3013

Total Depth 3061

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.7 Ft. Run 853

Recovery-Total Feet 248

Recovered 248 Feet Of Drilling Mud.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____

Recorder No. 13278 Type AK-1 Range 4400 PSI

Recorder Depth 3056 Clock # 25720

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

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 10:12 PM

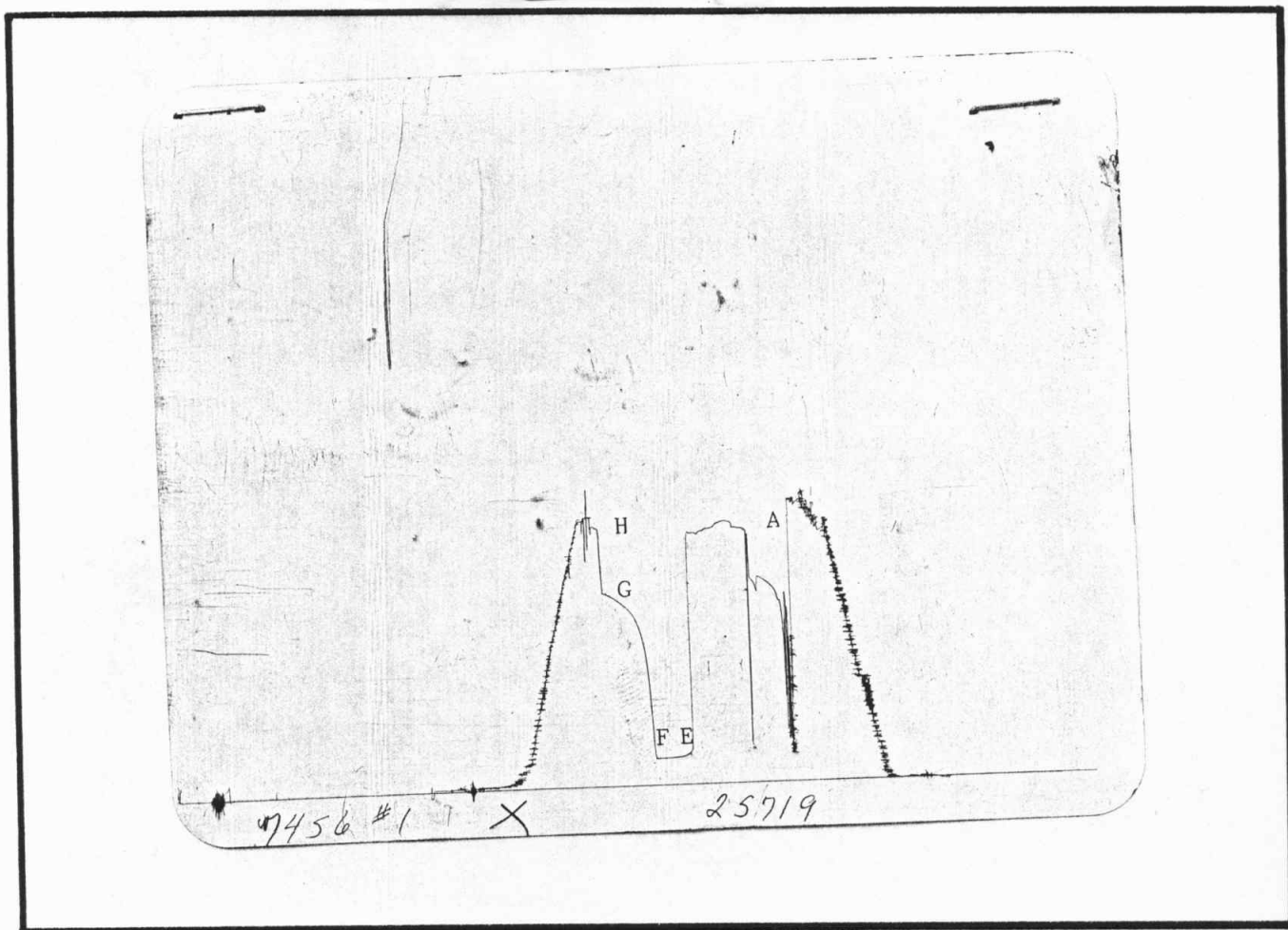
Blow Remarks 1st open: Dead in 20 minutes.

2nd open: Dead in 15 minutes. Slid 8 Foot
to bottom.

Mud Chlorides: 43,000 ppm.

Recovery Chlorides: 45,800 ppm.

Price of Job \$625.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1625	PSI
(B) First Initial Flow Pressure	Plugged	PSI
(C) First Final Flow Pressure	Plugged	PSI
(D) Initial Closed-in Pressure	Plugged	PSI
(E) Second Initial Flow Pressure	158	PSI
(F) Second Final Flow Pressure	158	PSI
(G) Final Closed-in Pressure	1104	PSI
(H) Final Hydrostatic Mud	1541	PSI

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DRILL-STEM TEST DATA

Company	J.A. Allison	Test No.	2
Well Name & Number	Sleeper #1	Zone Tested	Kansas City 110
Company Address	300 W. Douglas Suite 305 Wichita, Ks.	Date	11/3/84
Company Rep.	David Brewer	Tester	Bill Ulrich
Contractor	Woodman-Ianniti Drilling Company	Elevation	1684 GL
Location: Sec. 17	Twp. 21s	Rge. 9w	Co. Rice State Ks.
		Est. Feet of Pay	

Recorder No. 7456 Type AK-1 Range 4150 PSI

Recorder Depth 3111 Clock # 25719

(A) Initial Hydrostatic Mud 1677 PSI

(B) First Initial Flow Pressure 254 PSI

(C) First Final Flow Pressure 884 PSI

(D) Initial Shut-in Pressure 1208 PSI

(E) Second Initial Flow Pressure 968 PSI

(F) Second Final Flow Pressure 1145 PSI

(G) Final Shut-in Pressure 1208 PSI

(H) Final Hydrostatic Mud 1625 PSI

Temperature 110

Mud Weight 9.8 Viscosity 38

Fluid Loss 11.2

Interval Tested 3089-3120

Anchor Length 31

Top Packer Depth 3084

Bottom Packer Depth 3089

Total Depth 3120

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.7 Ft. Run 885

Recovery-Total Feet 2400

Recovered 2400 Feet Of Salt water.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Circulating Sub

Recorder No. 13278 Type AK-1 Range 4400 PSI

Recorder Depth 3115 Clock # 25720

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

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 4:30 PM

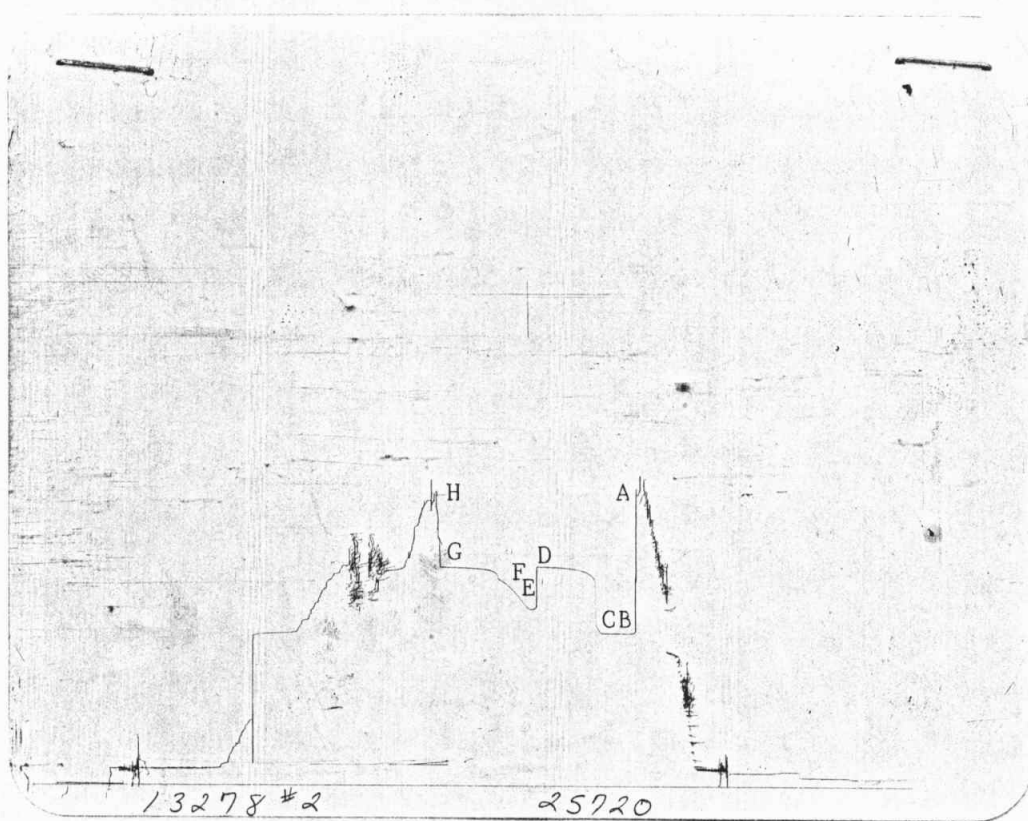
Blow Remarks 1st open: Strong blow.

2nd open: Strong blow.

Recovery Chlorides: 8,000 ppm.

Resistivity 1.0 ohms @ 57.7°F.

Price of Job \$655.00



This is an actual photograph of recorder chart.

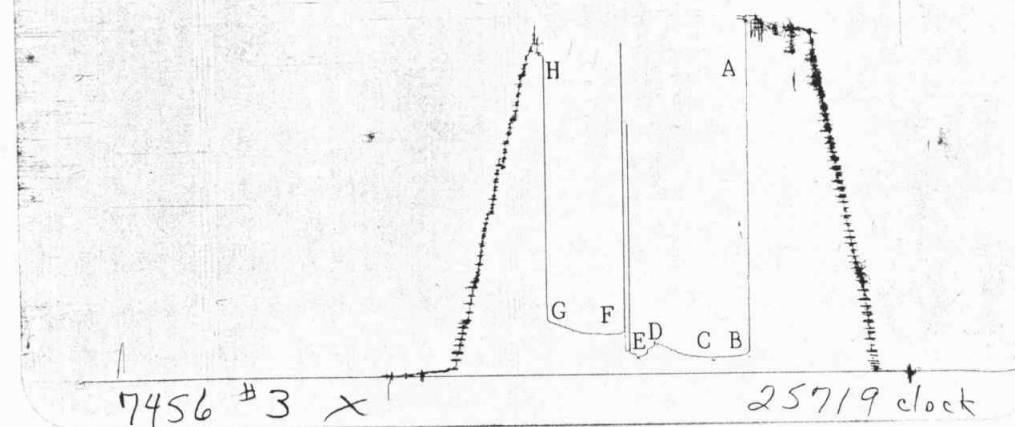
POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1677	PSI
(B) First Initial Flow Pressure	254	PSI
(C) First Final Flow Pressure	884	PSI
(D) Initial Closed-in Pressure	1208	PSI
(E) Second Initial Flow Pressure	968	PSI
(F) Second Final Flow Pressure	1145	PSI
(G) Final Closed-in Pressure	1208	PSI
(H) Final Hydrostatic Mud	1625	PSI

HILL CITY, KANSAS 67642

Company	J.A. Allison	Test No.	3
Well Name & Number	Sleeper #1	Zone Tested	Miser
Company Address	300 W. Douglas Suite 305 Wichita, Ks.	Date	11/5/84
Company Rep.	David Brewer	Tester	Bill Ulrich
Contractor	Wood-Iannitti Drilling Company	Elevation	1684 GL
Location: Sec. 17	Twp. 21s Rge. 9w Co. Rice State Ks.	Est. Feet of Pay	

Price of Job \$625.00

MILLER PRINTERS, INC.
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1937	PSI
(B) First Initial Flow Pressure	95	PSI
(C) First Final Flow Pressure	95	PSI
(D) Initial Closed-in Pressure	169	PSI
(E) Second Initial Flow Pressure	95	PSI
(F) Second Final Flow Pressure	233	PSI
(G) Final Closed-in Pressure	296	PSI
(H) Final Hydrostatic Mud	1812	PSI