

15-101-20958

# CHENEY TESTING COMPANY, INC.

12-16s-27w

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company	A.L. Abercrombie Inc.	Test No.	1
Well Name & Number	Evel #2	Zone Tested	Kansas City 180'
Company Address	801 Union Center, Wichita Ks.	Date	4/20/84
Company Rep.	Mark Galyon	Tester	Kevin Odle
Contractor	Abercrombie Drilling Inc.	Elevation	2621 KB
Location: Sec. 12 Twp. 16s Rge. 27w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 10983 Type AK-1 Range 4100 PSI

Recorder Depth 4137 Clock # 22992

(A) Initial Hydrostatic Mud 2041 PSI

(B) First Initial Flow Pressure 30 PSI

(C) First Final Flow Pressure 30 PSI

(D) Initial Shut-in Pressure 132 PSI

(E) Second Initial Flow Pressure 30 PSI

(F) Second Final Flow Pressure 30 PSI

(G) Final Shut-in Pressure 61 PSI

(H) Final Hydrostatic Mud 2030 PSI

Temperature 118

Mud Weight 9.3 Viscosity 50

Fluid Loss 9.6

Interval Tested 4115-4145

Anchor Length 30

Top Packer Depth 4110

Bottom Packer Depth 4115

Total Depth 4145

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.70 Ft. Run 575

Recovery-Total Feet 50

Recovered 50 Feet Of slightly oil spotted mud, trace of oil, no water.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job \$620.00

Recorder No. 13277 Type AK-1 Range 4125 PSI

Recorder Depth 4140 Clock # 25562

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

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

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

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

Tool Open @ 12:25 AM

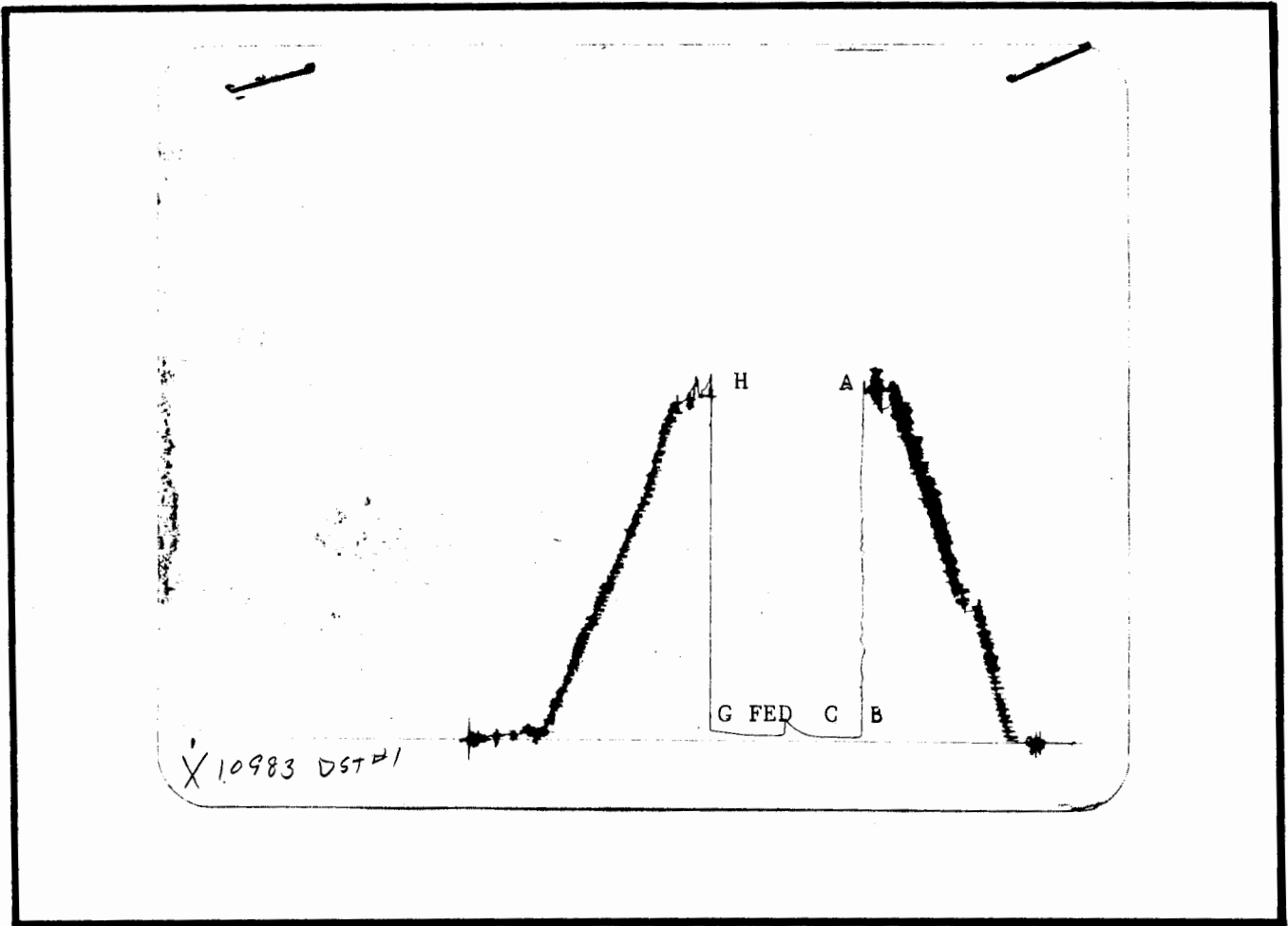
Blow Remarks 1st open: Very weak blow.

2nd open: Very weak blow.

Mud Chlorides: 13,000 ppm

Recovery Chlorides: 12,000 ppm

Resistivity: 0.58 ohms @ 65° F



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud .....	2041	PSI
(B) First Initial Flow Pressure .....	30	PSI
(C) First Final Flow Pressure .....	30	PSI
(D) Initial Closed-in Pressure .....	132	PSI
(E) Second Initial Flow Pressure .....	30	PSI
(F) Second Final Flow Pressure .....	30	PSI
(G) Final Closed-in Pressure .....	61	PSI
(H) Final Hydrostatic Mud .....	2030	PSI

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company <u>A.L. Abercrombie Inc.</u>	Test No. <u>2</u>
Well Name & Number <u>Evel #2</u>	Zone Tested <u>Kansas City 220'</u>
Company Address <u>801 Union Center Wichita Ks.</u>	Date <u>4/21/84</u>
Company Rep. <u>Mark Galyon</u>	Tester <u>Kevin Odle</u>
Contractor <u>Abercrombie Drilling Inc.</u>	Elevation <u>2621 KB</u>
Location: Sec. <u>12</u> Twp. <u>16s</u> Rge. <u>27w</u> Co. <u>    </u> Lane <u>    </u> State <u>    </u> Ks.	Est. Feet of Pay <u>    </u>

Recorder No. 10983 Type AK-1 Range 4100 PSI

Recorder No. 13277 Type AK-1 Range 4125 PSI

Recorder Depth 4196 Clock # 22992

Recorder Depth 4199 Clock # 25562

(A) Initial Hydrostatic Mud 2051 PSI

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

(B) First Initial Flow Pressure 51 PSI

Initial Shut-in 45 Mins.

(C) First Final Flow Pressure 71 PSI

Flow Period 60 Mins.

(D) Initial Shut-in Pressure 868 PSI

Final Shut-in 45 Mins.

(E) Second Initial Flow Pressure 81 PSI

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

(F) Second Final Flow Pressure 112 PSI

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

(G) Final Shut-in Pressure 776 PSI

Tool Open @ 2:55 AM

(H) Final Hydrostatic Mud 2041 PSI

Blow Remarks 1st open: Medium blow.

Temperature 118

2nd open: Weak blow.

Mud Weight 9.3 Viscosity 43

Mud Chlorides: 11,600 ppm

Fluid Loss 10.4

Interval Tested 4180-4204

Anchor Length 24

Top Packer Depth 4175

Bottom Packer Depth 4180

Total Depth 4204

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.70 Ft. Run 575

Recovery-Total Feet 180

Recovered 60 Feet Of muddy water.

Recovered 120 Feet Of salt water.

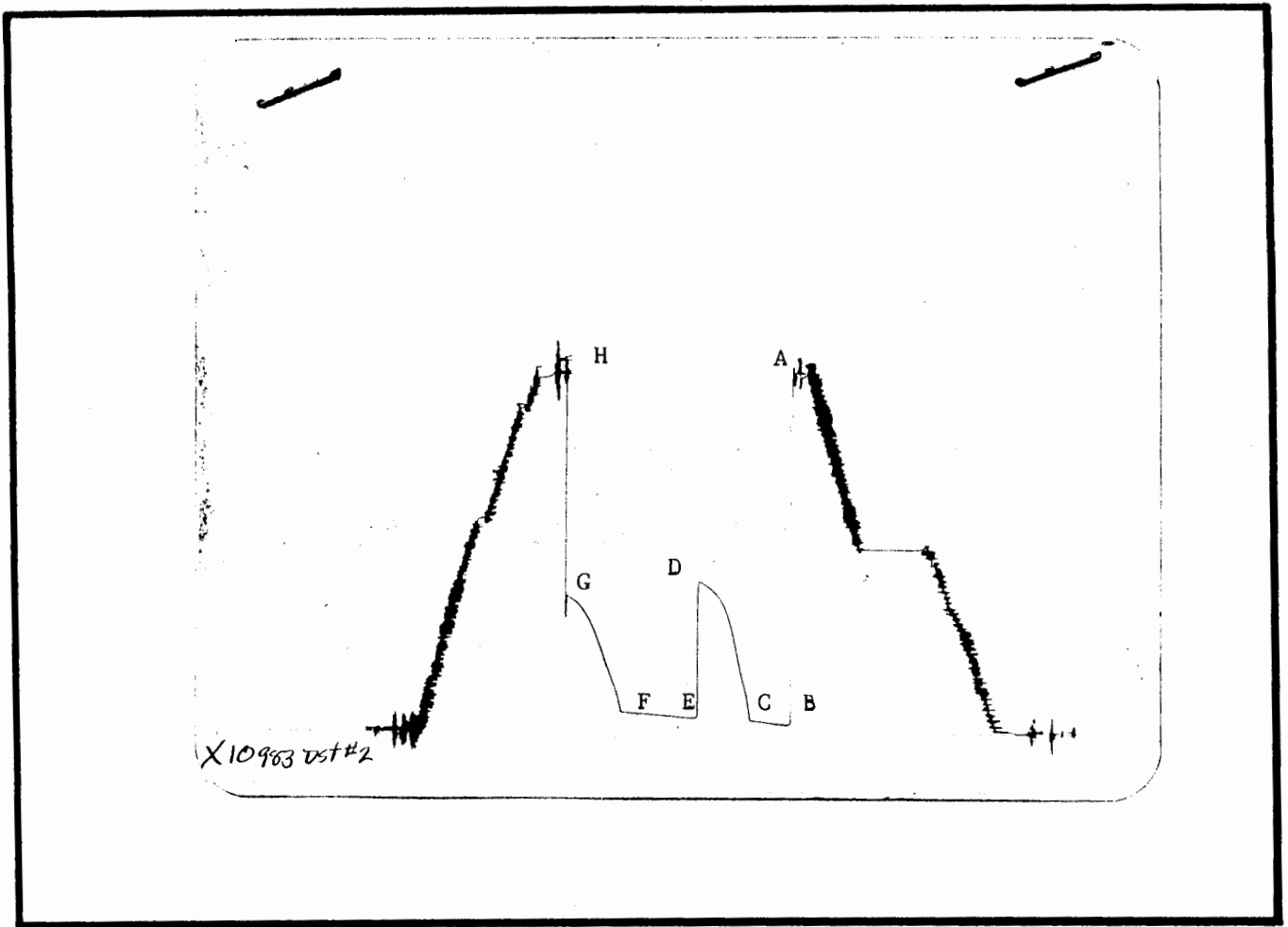
Recovered      Feet Of Resistivity: 0.18 ohms @ 65° F

Recovered      Feet Of Chlorides: 43,000 ppm

Recovered      Feet Of     

Recovered      Feet Of     

Extra Equipment      Price of Job \$620.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud .....	2051	PSI
(B) First Initial Flow Pressure .....	51	PSI
(C) First Final Flow Pressure .....	71	PSI
(D) Initial Closed-in Pressure .....	868	PSI
(E) Second Initial Flow Pressure .....	81	PSI
(F) Second Final Flow Pressure .....	112	PSI
(G) Final Closed-in Pressure .....	776	PSI
(H) Final Hydrostatic Mud .....	2041	PSI

# CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

## DRILL-STEM TEST DATA

Company	A.L. Abercrombie Inc.	Test No.	3
Well Name & Number	Evel #2	Zone Tested	Cherokee
Company Address	801 Union Center, Wichita Ks.	Date	4/22/84
Company Rep.	Mark Galyon	Tester	Kevin Odle
Contractor	Abercrombie Drilling Inc.	Elevation	2621 KB
Location: Sec. 12 Twp. 16s Rge. 27w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 10983 Type AK-1 Range 4100 PSI

Recorder Depth 4499 Clock # 22992

(A) Initial Hydrostatic Mud 2277 PSI

(B) First Initial Flow Pressure 41 PSI

(C) First Final Flow Pressure 41 PSI

(D) Initial Shut-in Pressure 530 PSI

(E) Second Initial Flow Pressure 41 PSI

(F) Second Final Flow Pressure 41 PSI

(G) Final Shut-in Pressure 397 PSI

(H) Final Hydrostatic Mud 2267 PSI

Temperature 122

Mud Weight 9.5 Viscosity 48

Fluid Loss 12

Interval Tested 4485-4507

Anchor Length 22

Top Packer Depth 4480

Bottom Packer Depth 4485

Total Depth 4507

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.70 Ft. Run 575

Recovery-Total Feet 10

Recovered 10 Feet Of slightly oil specked mud, trace of oil, no water.

Recovered Feet Of Free oil at top of tool.

Recovered Feet Of Chlorides: 12,000 ppm

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job \$620.00

Recorder No. 13277 Type AK-1 Range 4125 PSI

Recorder Depth 4562 Clock # 25562

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

Initial Shut-in 30 Mins.

Flow Period 30 Mins.

Final Shut-in 30 Mins.

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

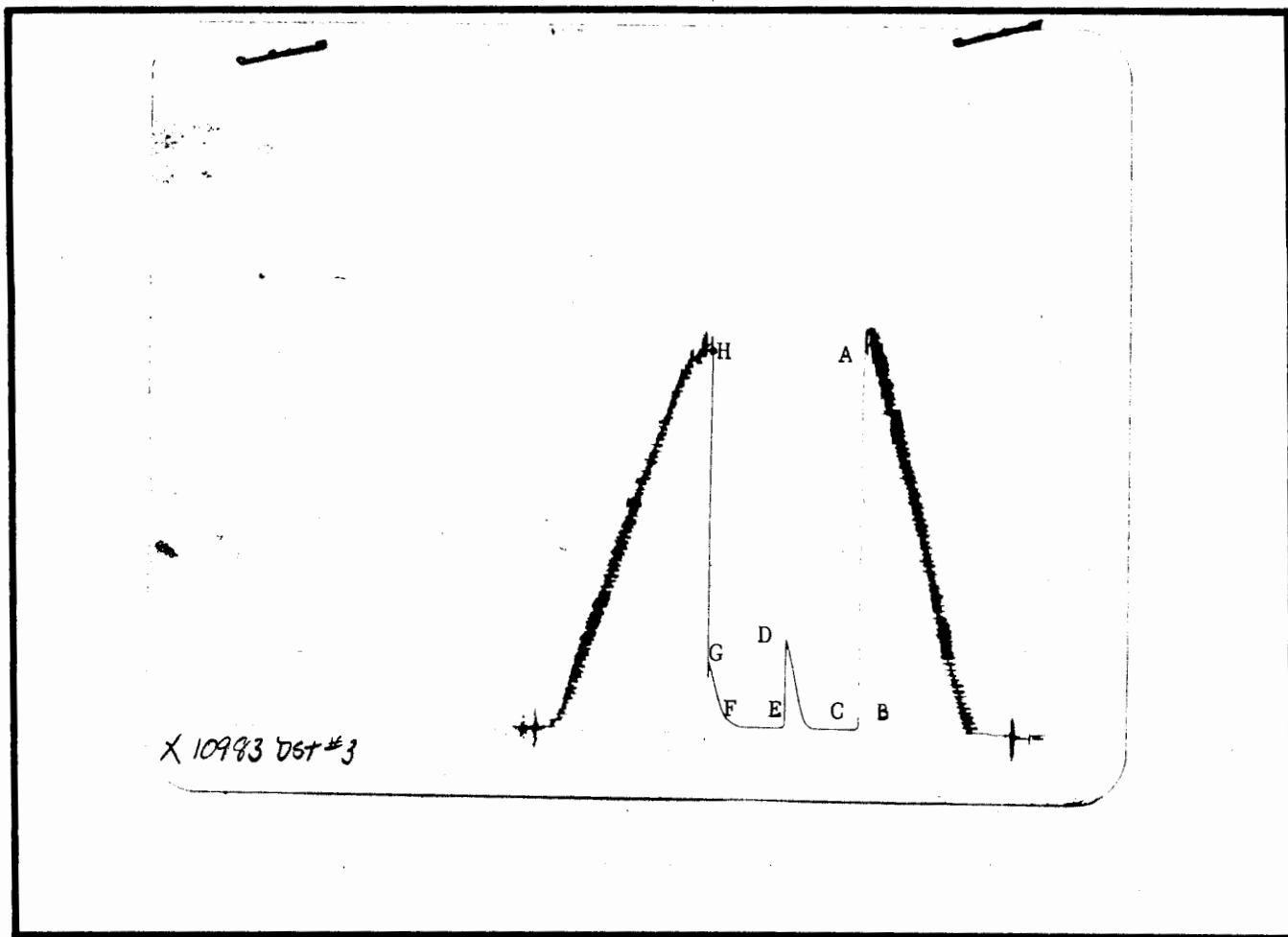
Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 9:15 PM

Blow Remarks 1st open: Very weak blow.

2nd open: No blow.

Mud Chlorides: 11,000 ppm



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud .....	2277	PSI
(B) First Initial Flow Pressure .....	41	PSI
(C) First Final Flow Pressure .....	41	PSI
(D) Initial Closed-in Pressure .....	530	PSI
(E) Second Initial Flow Pressure .....	41	PSI
(F) Second Final Flow Pressure .....	41	PSI
(G) Final Closed-in Pressure .....	397	PSI
(H) Final Hydrostatic Mud .....	2267	PSI