

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	1
Well Name & Number	Stephen #1	Zone Tested	Cherokee
Company Address	Wichita, Kansas	Date	11-12-80
Comp. Rep.	Bill Darrow	Tester	Richard Elliott
Contractor	Abercrombie Drlg.	Elevation	2186 K.B.
Location: Sec. 30 Twp. 16S Rge. 20WCo. Rush State Ks.		Est. Feet of Pay	

Recorder No. 11090 Type AK-1 Range 4125 PSI

Recorder Depth 4024

(A) Initial Hydrostatic Mud 2236 PSI

(B) First Initial Flow Pressure 91 PSI

(C) First Final Flow Pressure 234 PSI

(D) Initial Closed-in Pressure 838 PSI

(E) Second Initial Flow Pressure 295 PSI

(F) Second Final Flow Pressure 408 PSI

(G) Final Closed-in Pressure 827 PSI

(H) Final Hydrostatic Mud 2154 PSI

Temperature _____

Mud Weight 9.8 Viscosity 45

Fluid Loss 6.8

Interval Tested 3088-4030

Anchor Length 42

Top Packer Depth 3083

Bottom Packer Depth 3088

Total Depth 4030

Drill Pipe Size 4 1/2 F.H.

Wt. Pipe I. D. 2.4 Ft. Run 562

Recovery—Total Feet 900

Recovered 240 Feet Of Slightly Mud Cut Oil (80% Oil 20% Mud)

Recovered 300 Feet Of Muddy Oil (70% Oil, 10% Water, 20% Mud)

Recovered 300 Feet Of Gassy Oil

Recovered 60 Feet Of Salt Water

Extra Equipment _____ Price of Job \$650.00

Recorder No. 10983 Type AK-1 Range 4100 PSI

Recorder Depth 4027

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

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

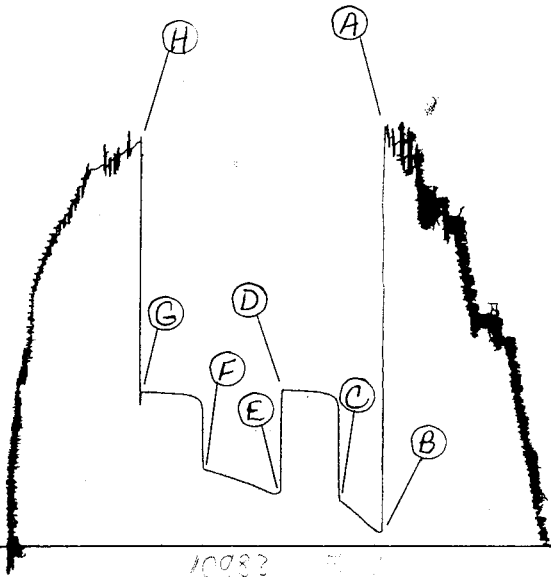
Rubber Size 6 3/4"

Tool Open @ 9:15 P.M.

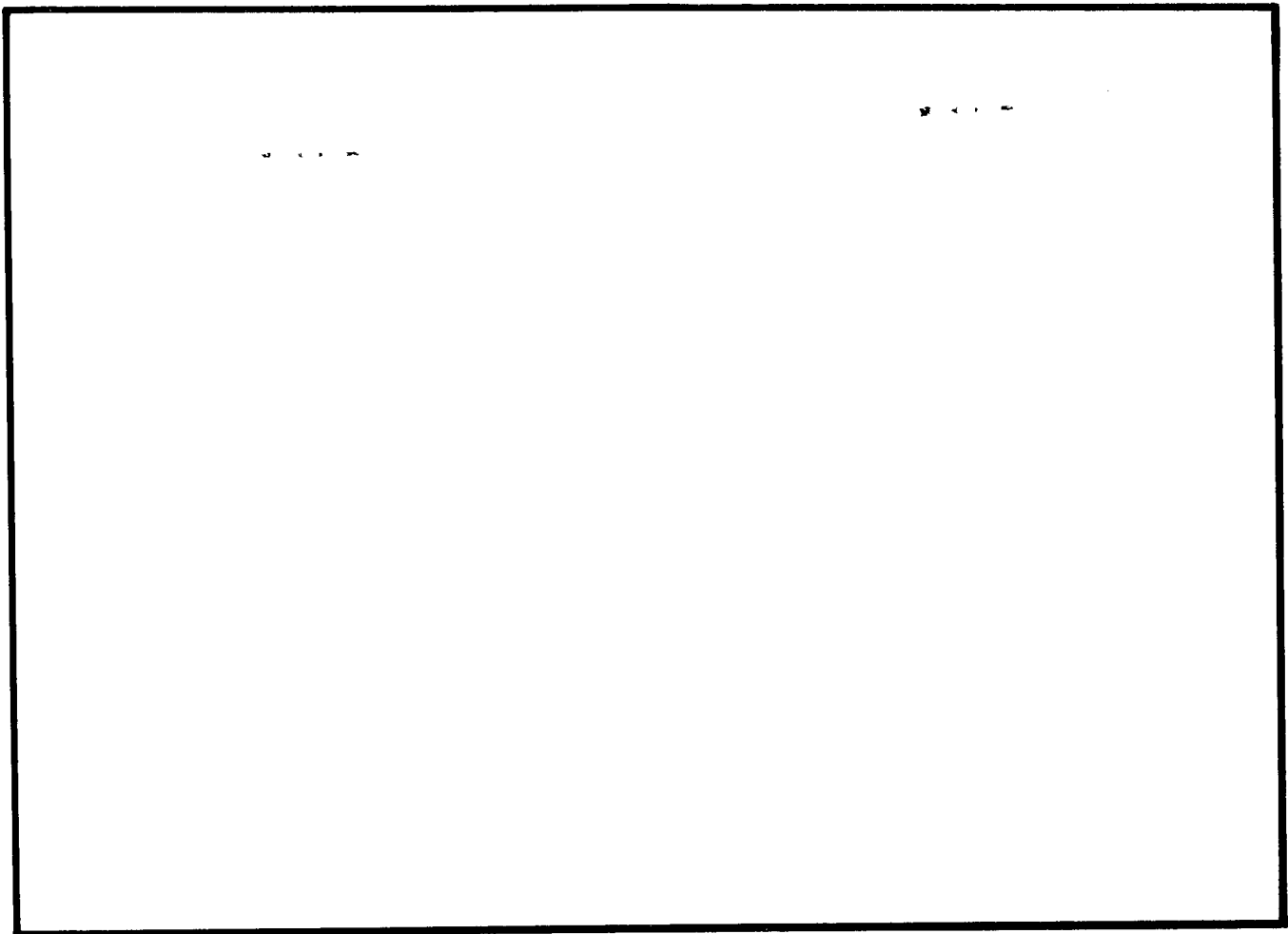
Blow Strong Blow On 1st & 2nd Open.

Remarks _____

Drill Collar I. D. _____ Ft. Run _____

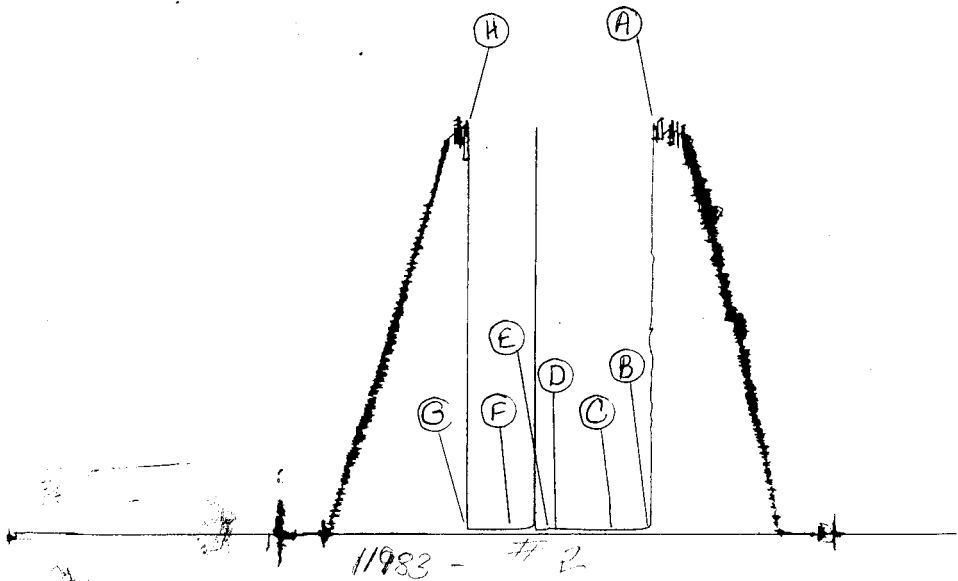


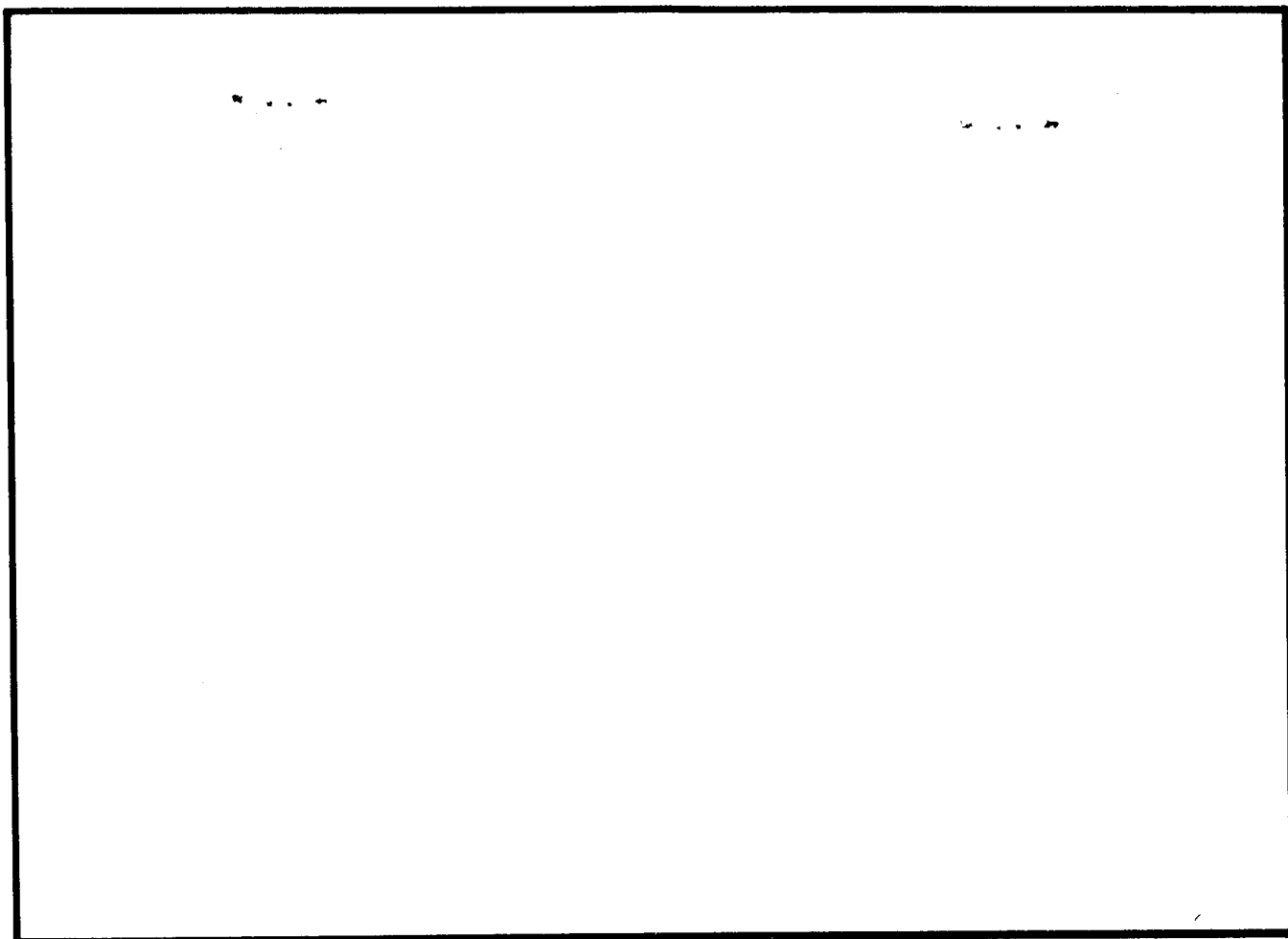
10082



This is an actual photograph of recorder chart.

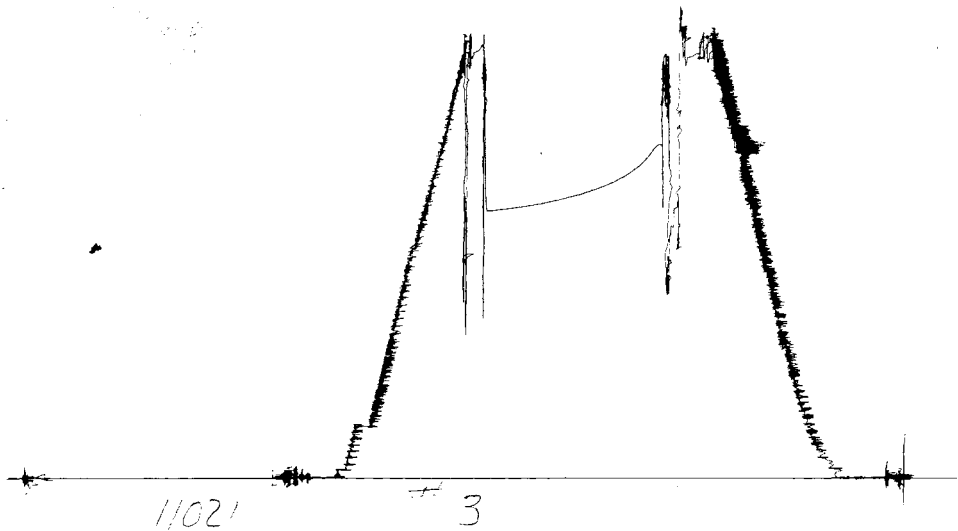
POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2236	PSI
(B) First Initial Flow Pressure	91	PSI
(C) First Final Flow Pressure	234	PSI
(D) Initial Closed-in Pressure	838	PSI
(E) Second Initial Flow Pressure	295	PSI
(F) Second Final Flow Pressure	408	PSI
(G) Final Closed-in Pressure	827	PSI
(H) Final Hydrostatic Mud	2154	PSI

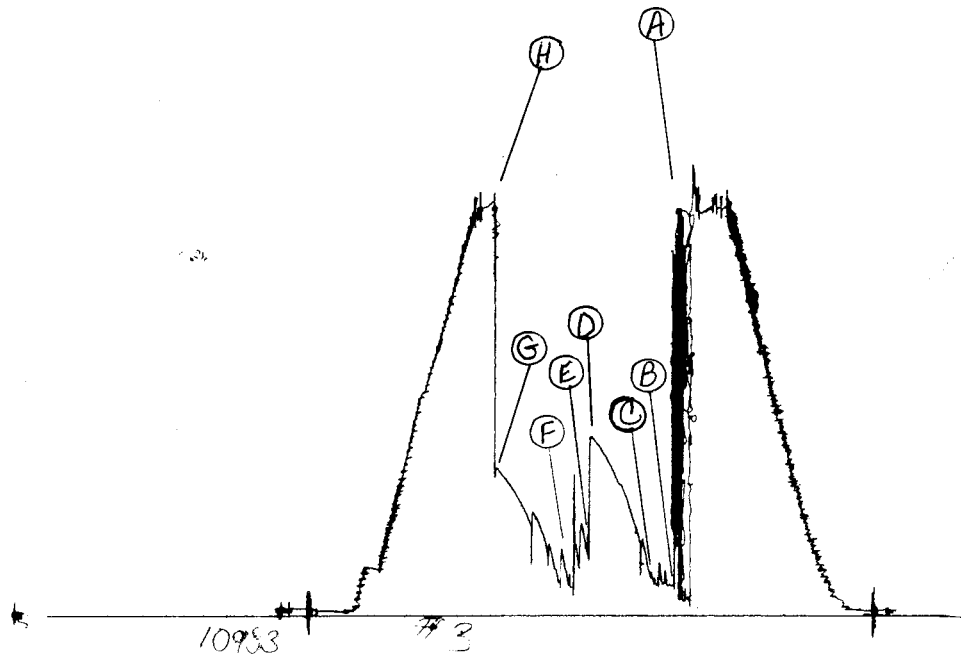


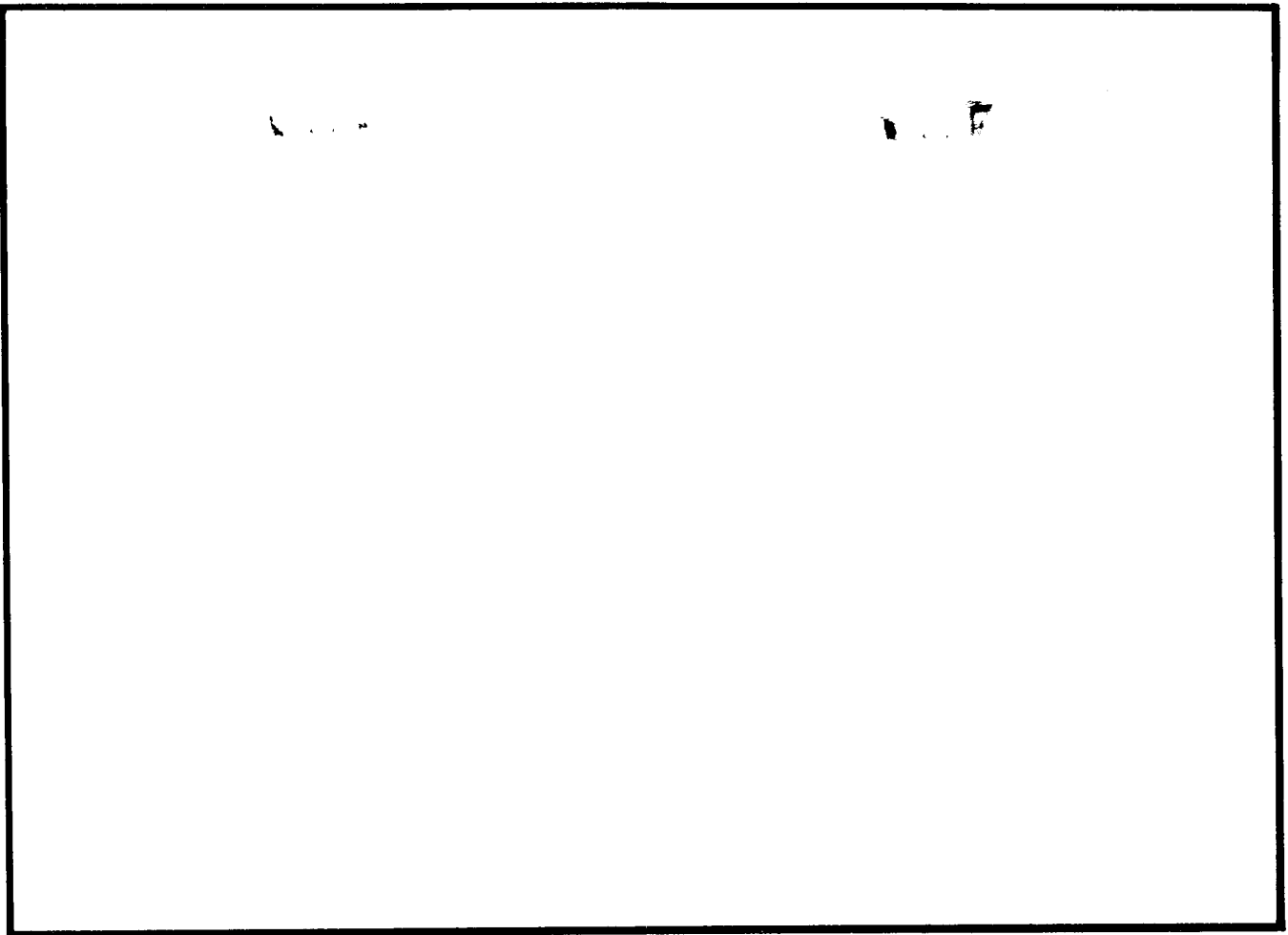


This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2235	PSI
(B) First Initial Flow Pressure	41	PSI
(C) First Final Flow Pressure	10	PSI
(D) Initial Closed-in Pressure	4	PSI
(E) Second Initial Flow Pressure	10	PSI
(F) Second Final Flow Pressure	41	PSI
(G) Final Closed-in Pressure	10	PSI
(H) Final Hydrostatic Mud	2245	PSI







This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2154.....	PSI
(B) First Initial Flow Pressure	71.....	PSI
(C) First Final Flow Pressure	163.....	PSI
(D) Initial Closed-in Pressure	940.....	PSI
(E) Second Initial Flow Pressure	163.....	PSI
(F) Second Final Flow Pressure	false.....	PSI
(G) Final Closed-in Pressure	776.....	PSI
(H) Final Hydrostatic Mud	2144.....	PSI