

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

TEST TICKET

Company <u>K+E Test. Inc.</u>	Test No. <u>1</u>
Well Name & Number <u>Ric Check #1</u>	Zone Tested <u>KC</u>
Company Address	Date <u>7-15-80</u>
Comp. Rep. <u>Glen Tracy</u>	Tester <u>Chuck Smith</u>
Contractor <u>Abercrombie #7</u>	Elevation <u>2831 K.B.</u>
Location: Sec. <u>33</u> Twp. <u>8s</u> Rge. <u>9w</u> Co. <u>Shelby</u> State <u>KAN</u>	Est. Feet of Pay

Recorder No. 11983 Type 4K-1 Range 4100 PSI
Recorder Depth 3974
(A) Initial Hydrostatic Mud 2102 PSI
(B) First Initial Flow Pressure 71 PSI
(C) First Final Flow Pressure 304 PSI
(D) Initial Closed-in Pressure 1228 PSI
(E) Second Initial Flow Pressure 204 PSI
(F) Second Final Flow Pressure 306 PSI
(G) Final Closed-in Pressure 1156 PSI
(H) Final Hydrostatic Mud 2051 PSI
Temperature 113
Mud Weight 9.6 Viscosity 48
Fluid Loss 11.8
Interval Tested 3909-3980
Anchor Length 71
Top Packer Depth 3904
Bottom Packer Depth 3909
Total Depth 3980
Drill Pipe Size 4 1/2 X.H.
Wt. Pipe I. D. 2.7 Ft. Run 3 1/2
Recovery—Total Feet 690
Recovered 690 Feet Of muddy water with oil spots
Recovered _____ Feet Of _____
Recovered _____ Feet Of _____
Recovered _____ Feet Of _____
Extra Equipment _____ Price of Job 600

Recorder No. 11090 Type 4K-1 Range 4125 PSI
Recorder Depth 3977
Tool Open Before I. S. I. 30 Mins.
Initial Shut-in 60 Mins.
Flow Period 45 Mins.
Final Shut-in 60 Mins.
Surface Choke Size 1
Bottom Choke Size 3/4
Main Hole Size 7 3/4
Rubber Size 6 3/8
Tool Open @ 10:40 A.M.
Blow Strong Blow
Remarks _____
Drill Collar I. D. _____ Ft. Run _____

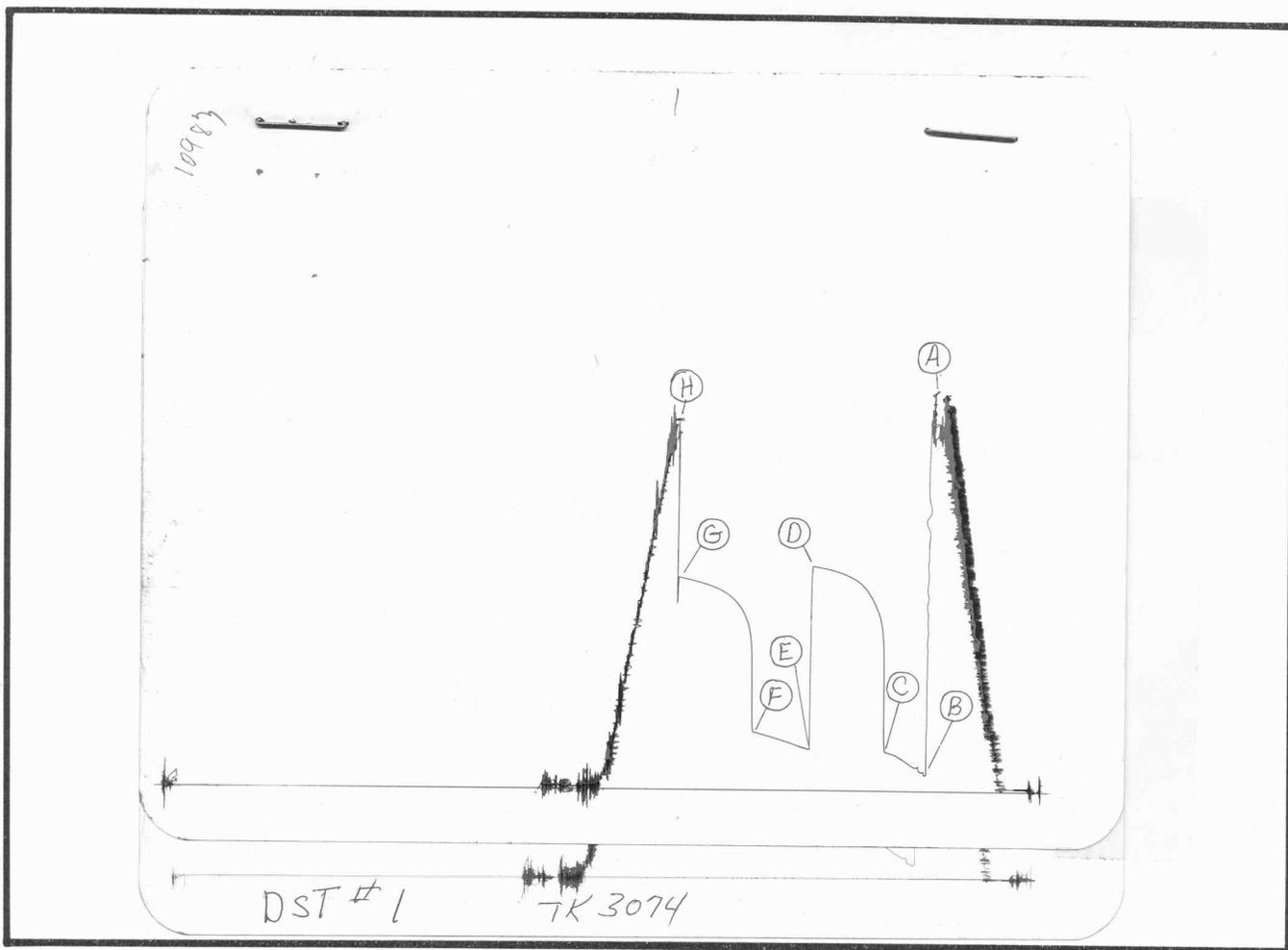
CHENEY TESTING COMPANY

SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Alexander Young

Our Representative John Smith

TICKET N^o 3074



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2102		PSI
(B) First Initial Flow Pressure	71		PSI
(C) First Final Flow Pressure	204		PSI
(D) Initial Closed-in Pressure	1228		PSI
(E) Second Initial Flow Pressure	204		PSI
(F) Second Final Flow Pressure	306		PSI
(G) Final Closed-in Pressure	1156		PSI
(H) Final Hydrostatic Mud	2051		PSI

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	K & E PETROLEUM INC.	Test No.	2
Well Name & Number	Riecheck #1	Zone Tested	K.C.
Company Address	Wichita, Kansas	Date	7-16-80
Comp. Rep.	Glen Tracy	Tester	Huck Smith
Contractor	Abercrombie Drlg.	Elevation	2831 K.B.
Location: Sec. 33 Twp. 8S Rge. 29W Co. Sheridan State Ks.		Est. Feet of Pay	

Recorder No. 10983 Type AK-1 Range 4100 PSI

Recorder Depth 3999

(A) Initial Hydrostatic Mud 2082 PSI

(B) First Initial Flow Pressure 51 PSI

(C) First Final Flow Pressure 51 PSI

(D) Initial Closed-in Pressure 81 PSI

(E) Second Initial Flow Pressure 51 PSI

(F) Second Final Flow Pressure 51 PSI

(G) Final Closed-in Pressure 71 PSI

(H) Final Hydrostatic Mud 2072 PSI

Temperature 110

Mud Weight 9.5 Viscosity 45

Fluid Loss 11

Interval Tested 3988-4--5

Anchor Length 17

Top Packer Depth 3983

Bottom Packer Depth 3988

Total Depth 4005

Drill Pipe Size 4 1/2 X.H.

Wt. Pipe I. D. 2.7 Ft. Run 373

Recovery—Total Feet 5'

Recovered 5 Feet Of Mud

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____

Recorder No. 11090 Type AK-1 Range 4125 PSI

Recorder Depth 4002

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 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 2:08 A.M.

Blow Weak Blow Died In 10 Minutes.

Remarks _____

Drill Collar I. D. _____ Ft. Run _____

Price of Job \$650.00

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

TEST TICKET

Company <u>K+E Pet. Inc.</u>	Test No. <u>2</u>
Well Name & Number <u>Riotcheck #1</u>	Zone Tested <u>K12</u>
Company Address _____	Date <u>7-16-80</u>
Comp. Rep. <u>Glen Tracy</u>	Tester <u>Huck Smith</u>
Contractor <u>Above Yombie #7</u>	Elevation <u>2831 K.B.</u>
Location: Sec. <u>39</u> Twp. <u>8s</u> Rge. <u>9w</u> Co. <u>Shelby</u> State <u>KAN</u>	Est. Feet of Pay _____

Recorder No. 10983 Type AK-1 Range 4100 PSI
 Recorder Depth 3999
 (A) Initial Hydrostatic Mud 2082 PSI
 (B) First Initial Flow Pressure 51 PSI
 (C) First Final Flow Pressure 51 PSI
 (D) Initial Closed-in Pressure 81 PSI
 (E) Second Initial Flow Pressure 51 PSI
 (F) Second Final Flow Pressure 51 PSI
 (G) Final Closed-in Pressure 71 PSI
 (H) Final Hydrostatic Mud 2072 PSI
 Temperature 110
 Mud Weight 9.5 Viscosity 45
 Fluid Loss 11
 Interval Tested 3998-4005
 Anchor Length 17'
 Top Packer Depth 3983
 Bottom Packer Depth 3988
 Total Depth 4005
 Drill Pipe Size 4 1/2 XH
 Wt. Pipe I. D. 2.7 Ft. Run 373
 Recovery—Total Feet 5'
 Recovered 5' Feet Of Mud
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Extra Equipment _____ Price of Job 650

Recorder No. 11090 Type AK-1 Range 4125 PSI
 Recorder Depth 4002
 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 3/4
 Main Hole Size 7 1/8
 Rubber Size 6 7/8
 Tool Open @ 10:30 A.M.
 Blow Weak Blow Die in
 Remarks 10 mins.

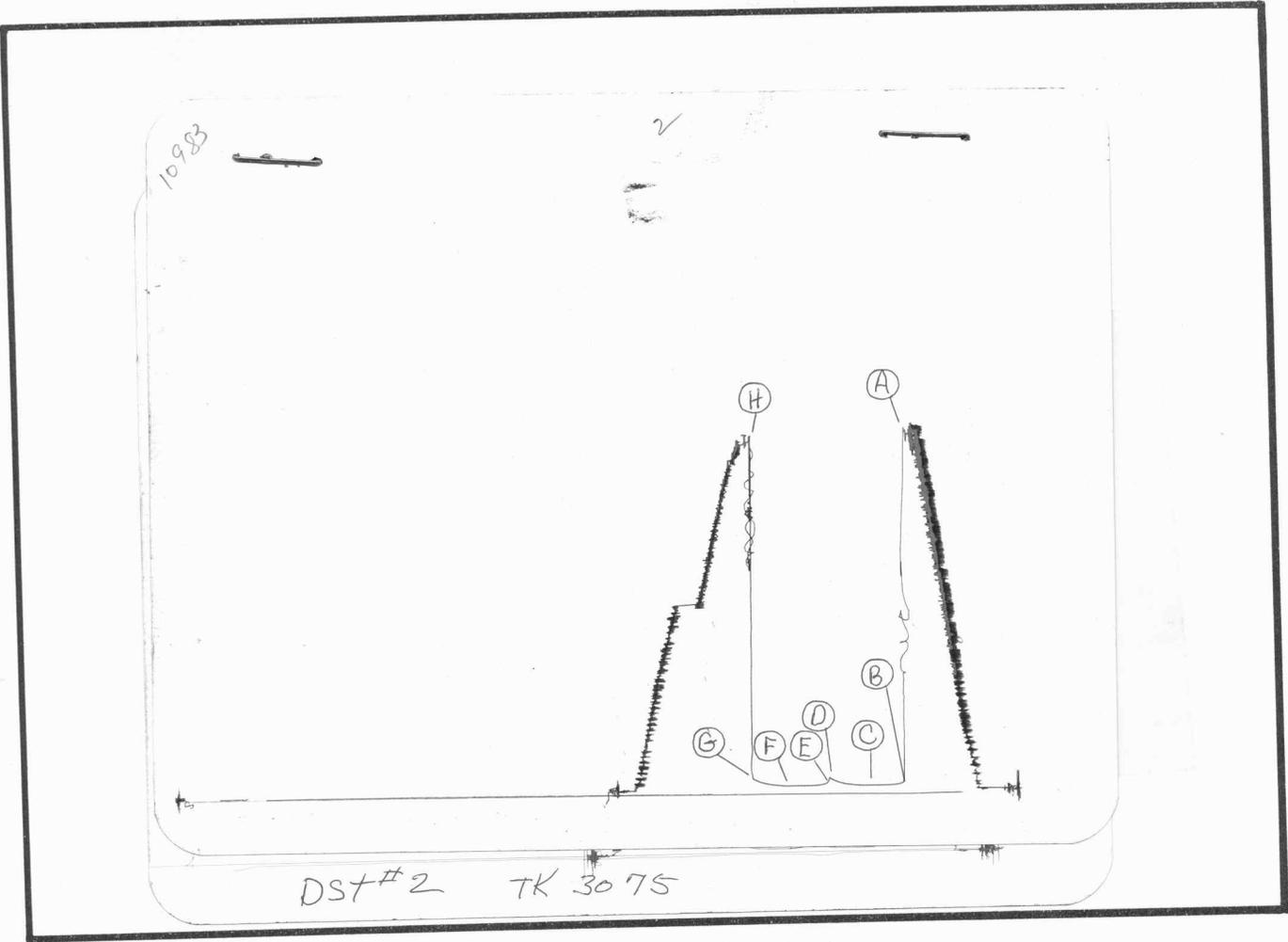
CHENEY TESTING COMPANY

SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Glen Tracy

Our Representative Huck Smith

TICKET N^o 3075



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2082	PSI
(B) First Initial Flow Pressure	51	PSI
(C) First Final Flow Pressure	51	PSI
(D) Initial Closed-in Pressure	81	PSI
(E) Second Initial Flow Pressure	51	PSI
(F) Second Final Flow Pressure	51	PSI
(G) Final Closed-in Pressure	71	PSI
(H) Final Hydrostatic Mud	2072	PSI

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

TEST TICKET

Company <u>R+E Pet. Inc.</u>	Test No. <u>3</u>
Well Name & Number <u>Rietcheck #1</u>	Zone Tested <u>K.C.</u>
Company Address _____	Date <u>7-17-80</u>
Comp. Rep. <u>Glen Tracy</u>	Tester <u>Jack Smith</u>
Contractor <u>Abercrombie #7</u>	Elevation <u>2831</u>
Location: Sec. <u>33</u> Twp. <u>8s</u> Rge. <u>29w</u> Co. <u>Sheridan</u> State <u>Kan</u>	Est. Feet of Pay _____

Recorder No. <u>10983</u> Type <u>AK-1</u> Range <u>4100</u> PSI	Recorder No. <u>11090</u> Type <u>AK-1</u> Range <u>4125</u> PSI
Recorder Depth <u>4114</u>	Recorder Depth <u>4117</u>
(A) Initial Hydrostatic Mud <u>2154</u> PSI	Tool Open Before I. S. I. <u>30</u> Mins.
(B) First Initial Flow Pressure <u>61</u> PSI	Initial Shut-in <u>60</u> Mins.
(C) First Final Flow Pressure <u>102</u> PSI	Flow Period <u>45</u> Mins.
(D) Initial Closed-in Pressure <u>234</u> PSI	Final Shut-in <u>60</u> Mins.
(E) Second Initial Flow Pressure <u>112</u> PSI	Surface Choke Size <u>1</u>
(F) Second Final Flow Pressure <u>132</u> PSI	Bottom Choke Size <u>3/4</u>
(G) Final Closed-in Pressure <u>214</u> PSI	Main Hole Size <u>7 7/8</u>
(H) Final Hydrostatic Mud <u>2144</u> PSI	Rubber Size <u>6 5/8</u>
Temperature <u>114</u>	Tool Open @ <u>12:15 A.M.</u>
Mud Weight <u>9.4</u> Viscosity <u>44</u>	Blow <u>Strong Blow Through</u>
Fluid Loss <u>10.6</u>	Remarks <u>Outtest</u>
Interval Tested <u>4097-4120</u>	_____
Anchor Length <u>23'</u>	_____
Top Packer Depth <u>4092</u>	_____
Bottom Packer Depth <u>4097</u>	_____
Total Depth <u>4120</u>	_____
Drill Pipe Size <u>4 1/2 X H.</u>	_____
Wt. Pipe I. D. <u>2.7</u> Ft. Run <u>373</u>	Drill Collar I. D. _____ Ft. Run _____
Recovery—Total Feet <u>250'</u>	_____
Recovered <u>1200</u> Feet Of <u>GAS IN PIPE</u>	_____
Recovered <u>130'</u> Feet Of <u>Froggy Oil</u>	_____
Recovered <u>70'</u> Feet Of <u>Oil Cut mud (50% mud 10% water 20% oil 20% GAS)</u>	_____
Recovered <u>50'</u> Feet Of <u>Water</u>	_____
Extra Equipment _____	Price of Job <u>650</u>

CHENEY TESTING COMPANY

Approved By Glen Tracy

Our Representative Jack Smith

SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

TICKET N^o 2551

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

TEST TICKET

Company <u>K+E P&T Inc.</u>	Test No. <u>4</u>
Well Name & Number <u>Rietcheck #1</u>	Zone Tested <u>KC</u>
Company Address _____	Date <u>7-17-80</u>
Comp. Rep. <u>Glen Tracy</u>	Tester <u>Hack Smith</u>
Contractor <u>Abercrombie</u>	Elevation <u>2831 KC</u>
Location: Sec. <u>33</u> Twp. <u>8 S</u> Rge. <u>29 W</u> Co. <u>Shelby</u> State <u>KAN</u>	Est. Feet of Pay _____

Recorder No. 10583 Type AK-1 Range 400 PSI
Recorder Depth 4144
(A) Initial Hydrostatic Mud 2164 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 2154 PSI
Temperature 112
Mud Weight 9.4 Viscosity 44
Fluid Loss 10.6
Interval Tested 4140 - 4150
Anchor Length 10'
Top Packer Depth 4135
Bottom Packer Depth 4140
Total Depth 4150
Drill Pipe Size 4 1/2 X.H.
Wt. Pipe I. D. 2.7 Ft. Run 373
Recovery—Total Feet Zone
Recovered _____ Feet Of _____
Extra Equipment _____ Price of Job 650

Recorder No. 11090 Type AK-1 Range 1125 PSI
Recorder Depth 4147
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 3/4
Main Hole Size 7 3/4
Rubber Size 6 3/8
Tool Open @ 200 RPM
Blow 100 Blow
Remarks _____
Drill Collar I. D. _____ Ft. Run _____

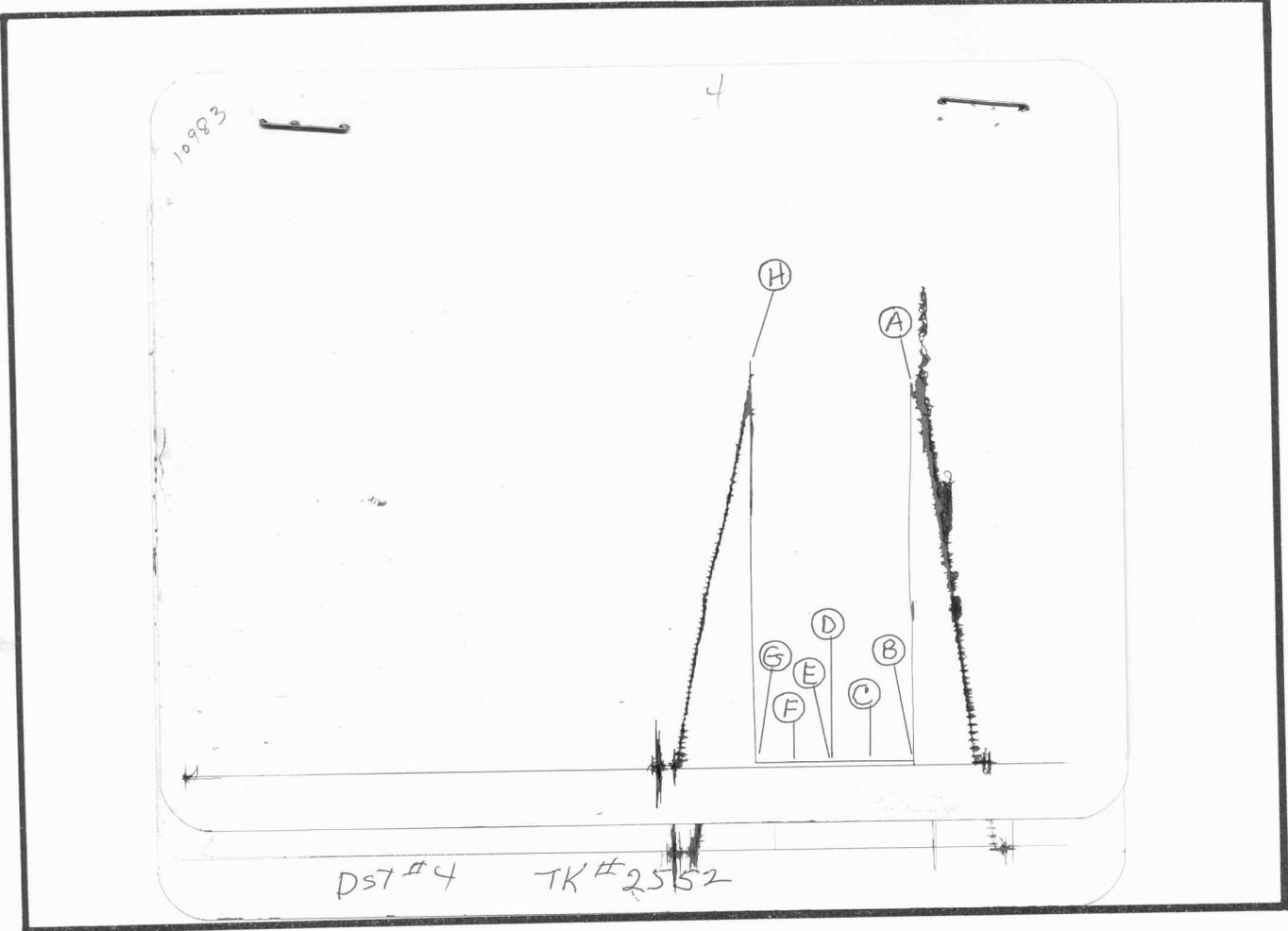
CHENEY TESTING COMPANY

SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Glen Tracy

Our Representative Hack Smith

TICKET N^o 2552



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2164		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	2154		PSI