CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company Oil Capital Corp.	Test No. 1
Well Name & Number James #1-A	Zone Tested L.K.C. - "L4"
Company Address Wichita Ks.	Date 12/5/83
Company Rep. Glenn Tracy	Tester Mike Finnesy
Contractor Abercrombie Drilling Company	Elevation 2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.	Est. Feet of Pay

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4097 Clock # 25559

(A) Initial Hydrostatic Mud 1984 PSI

(B) First Initial Flow Pressure 22 PSI

(C) First Final Flow Pressure 22 PSI

(D) Initial Shut-in Pressure 100 PSI

(E) Second Initial Flow Pressure 55 PSI

(F) Second Final Flow Pressure 55 PSI

(G) Final Shut-in Pressure 311 PSI

(H) Final Hydrostatic Mud 1951 PSI

Temperature 114

Mud Weight 9.1 Viscosity 55

Fluid Loss 7.6

Interval Tested 4074-4100

Anchor Length 26

Top Packer Depth 4069

Bottom Packer Depth 4074

Total Depth 4100

Drill Pipe Size 4½ FH

Wt. Pipe I. D. 2.7 Ft. Run 320

Recovery-Total Feet 120

Recovered 120 Feet Of watery mud, 10% water.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Bowen jars, Safety Joint

Recorder No. 13363 Type Ak-1 Range 3800 PSI

Recorder Depth 4092 Clock # 23857

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 @ 12:45 AM

Blow Remarks 1st open: Weak 3/4" blow, died in 17 minutes.

2nd open: No blow.

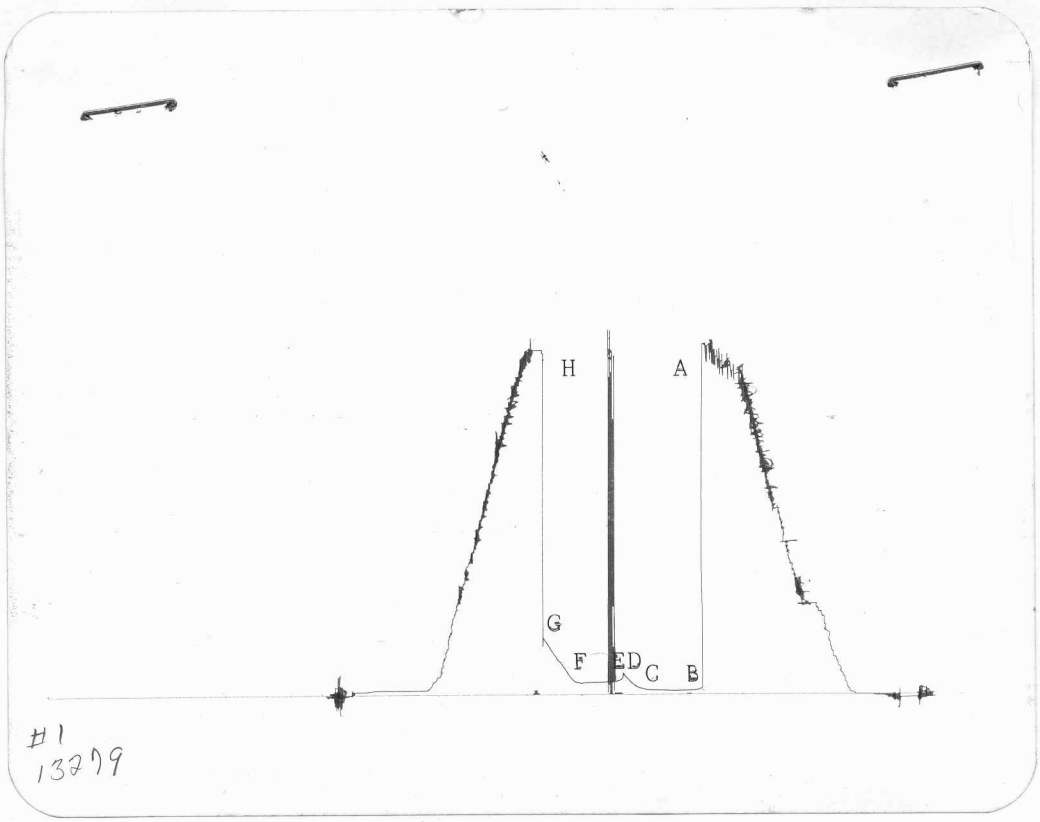
Slid tool 3' to bottom, flushed tool 5 minutes into 2nd open.

Resistivity: 0.98 ohms @ 69.6° F

Chlorides: 9,000 ppm

Price of Job $875.00

MILLER PRINTERS, INC.
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1984		PSI
(B)	First Initial Flow Pressure	22		PSI
(C)	First Final Flow Pressure	22		PSI
(D)	Initial Closed-in Pressure	100		PSI
(E)	Second Initial Flow Pressure	55		PSI
(F)	Second Final Flow Pressure	55		PSI
(G)	Final Closed-in Pressure	311		PSI
(H)	Final Hydrostatic Mud	1951		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	2
Well Name & Number	James #1-A	Zone Tested	Lansing K.C. "I"
Company Address	Wichita Ks.	Date	12/6/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4132 Clock # 25559

(A) Initial Hydrostatic Mud 2094 PSI

(B) First Initial Flow Pressure 47 PSI

(C) First Final Flow Pressure 47 PSI

(D) Initial Shut-in Pressure 57 PSI

(E) Second Initial Flow Pressure 47 PSI

(F) Second Final Flow Pressure 47 PSI

(G) Final Shut-in Pressure 57 PSI

(H) Final Hydrostatic Mud 2036 PSI

Temperature 112

Mud Weight 9.2 Viscosity 61

Fluid Loss 5.6

Interval Tested 4104-4135

Anchor Length 31

Top Packer Depth 4099

Bottom Packer Depth 4105

Total Depth 4135

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 20

Recovered 20 Feet Of drilling mud, no show.

Recovered ____ Feet Of Resistivity: 0.69 ohms @ 63° F Chlorides: 8,000 ppm

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Extra Equipment ____ Price of Job $620.00

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4127 Clock # 23857

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 @ 1st open: Weak blow 3/4", died

Blow Remarks in 22minutes.

2nd open: Very weak blow on surface, died in 3 minutes.

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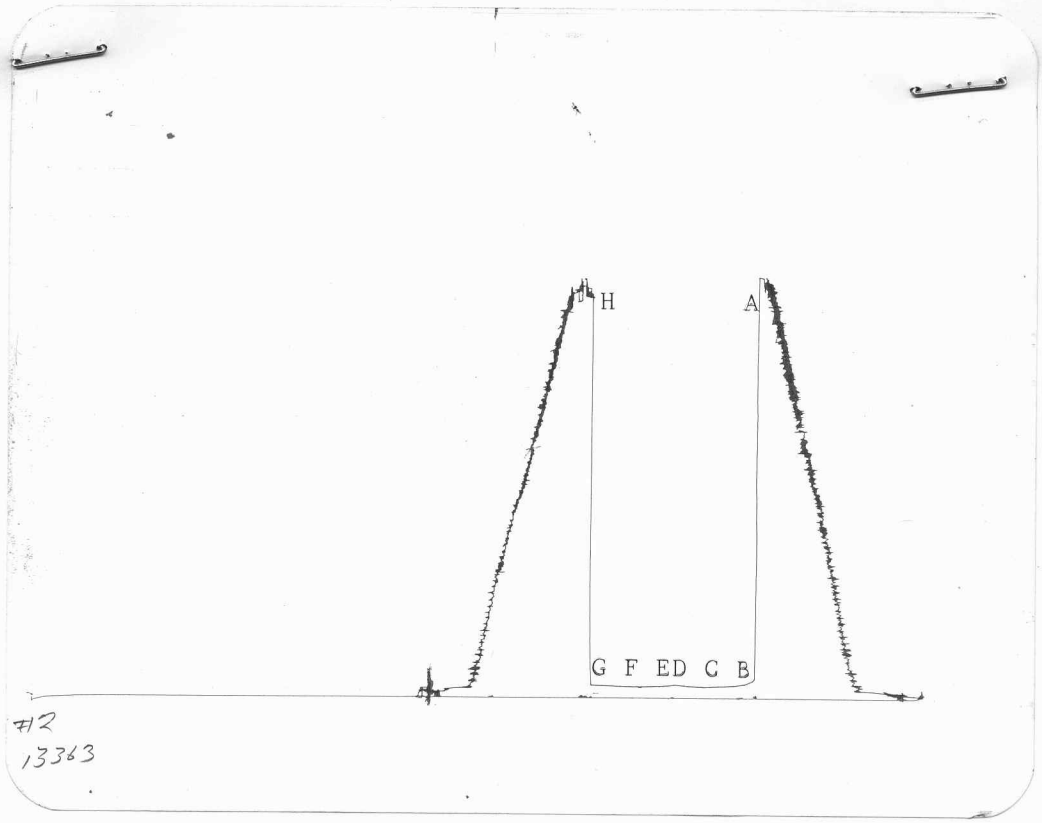
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2094		PSI
(B)	First Initial Flow Pressure	47		PSI
(C)	First Final Flow Pressure	47		PSI
(D)	Initial Closed-in Pressure	57		PSI
(E)	Second Initial Flow Pressure	47		PSI
(F)	Second Final Flow Pressure	47		PSI
(G)	Final Closed-in Pressure	57		PSI
(H)	Final Hydrostatic Mud	2036		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	3
Well Name & Number	James #1-A	Zone Tested	Lansing, K.C. "J"
Company Address	Wichita Ks.	Date	12/7/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling C ompany	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4162 Clock # 25559

(A) Initial Hydrostatic Mud 2083 PSI

(B) First Initial Flow Pressure 55 PSI

(C) First Final Flow Pressure 66 PSI

(D) Initial Shut-in Pressure 1015 PSI

(E) Second Initial Flow Pressure 133 PSI

(F) Second Final Flow Pressure 155 PSI

(G) Final Shut-in Pressure 960 PSI

(H) Final Hydrostatic Mud 1984 PSI

Temperature 112

Mud Weight 9.3 Viscosity 49

Fluid Loss 7.2

Interval Tested 4138-4165

Anchor Length 27

Top Packer Depth 4133

Bottom Packer Depth 4138

Total Depth 4165

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 390

Recovered 580 Feet Of gas in pipe.

Recovered 90 Feet Of clean gassy oil, Gravity: 36 API Corrected.

Recovered 60 Feet Of mud cut oil, 50% oil.

Recovered 60 Feet Of watery mud, 35% water, 5% oil.

Recovered 120 Feet Of muddy water, 10% mud, 1% oil.

Recovered 60 Feet Of muddy water, 4% mud, scum of oil.

Extra Equipment

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4157 Clock # 23857

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

Initial Shut-in 45 Mins.

Flow Period 60 Mins.

Final Shut-in 60 Mins.

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

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

Tool Open @ 11:30 Am

Blow Remarks 1st open: Strong blow, off bottom of bucket in 11 minutes.

2nd open: Strong blow, off bottom of bucket in 23 minutes.

Resistivity: 0.12 ohms @ 42.6° F.

Chlorides: 95,000 ppm

Price of Job $620.00

MILLER PRINTERS, INC.
Great Bend, Kansas

CHENEY TESTING COMPANY
Pressure Data

Date 12/7/83 Test Ticket No. 8802

Recorder No. 13279 Capacity 4400 Location 4162 Ft.

Clock No. 25559 Elevation 2744 KB Well Temperature 112 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2078 P.S.I.	Open Tool	11:30 AM	
B	First Initial Flow Pressure	64 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C	First Final Flow Pressure	69 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1027 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	140 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F	Second Final Flow Pressure	162 P.S.I.			
G	Final Closed-in Pressure	997 P.S.I.			
H	Final Hydrostatic Mud	1979 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1 0	64
P 2 5	64
P 3 10	64
P 4 15	64
P 5 20	64
P 6 25	64
P 7 30	69
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 0 Min.

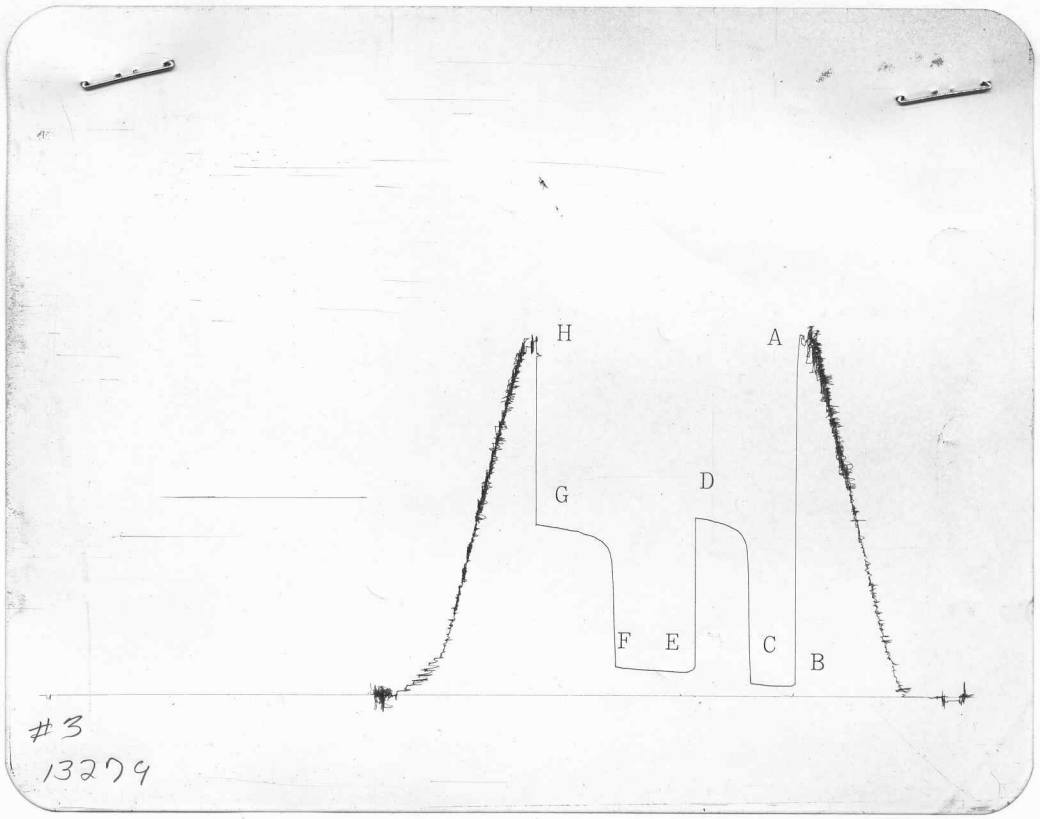
Point Minutes	Press.
0	69
5	73
10	319
15	923
20	961
25	978
30	996
35	1003
40	1013
45	1027

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	140
5	140
10	140
15	140
20	140
25	144
30	147
35	150
40	152
45	153
50	157
55	159
60	162

Final Shut-In
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
0	162
5	171
10	805
15	876
20	904
25	922
30	932
35	946
40	952
45	961
50	967
55	972
60	997



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2083	2078	PSI
(B)	First Initial Flow Pressure	55	64	PSI
(C)	First Final Flow Pressure	66	64	PSI
(D)	Initial Closed-in Pressure	1015	1027	PSI
(E)	Second Initial Flow Pressure	133	140	PSI
(F)	Second Final Flow Pressure	155	162	PSI
(G)	Final Closed-in Pressure	960	997	PSI
(H)	Final Hydrostatic Mud	1984	1979	PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	4
Well Name & Number	James #1-A	Zone Tested	Lansing K.C. "L"
Company Address	Wichita Ks.	Date	12/8/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4237 Clock # 25559

(A) Initial Hydrostatic Mud 2149 PSI

(B) First Initial Flow Pressure 44 PSI

(C) First Final Flow Pressure 44 PSI

(D) Initial Shut-in Pressure 785 PSI

(E) Second Initial Flow Pressure 88 PSI

(F) Second Final Flow Pressure 88 PSI

(G) Final Shut-in Pressure 466 PSI

(H) Final Hydrostatic Mud 2083 PSI

Temperature 115

Mud Weight 9.2 Viscosity 61

Fluid Loss 5.6

Interval Tested 4190-4240

Anchor Length 50

Top Packer Depth 4185

Bottom Packer Depth 4190

Total Depth 4240

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 60

Recovered 60 Feet Of mud, few oil spots in top of tool.

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Extra Equipment ____ Price of Job $620.00

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4232 Clock # 23857

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

Initial Shut-in 45 Mins.

Flow Period 45 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 @ 12:05 PM

Blow Remarks 1st open: Weak 1" blow, decreasing to ¼" blow.

2nd open: Very weak blow on surface, died in 35 minutes.

Resistivity: 0.73 ohms @ 59° F

Chlorides: 10,000 ppm

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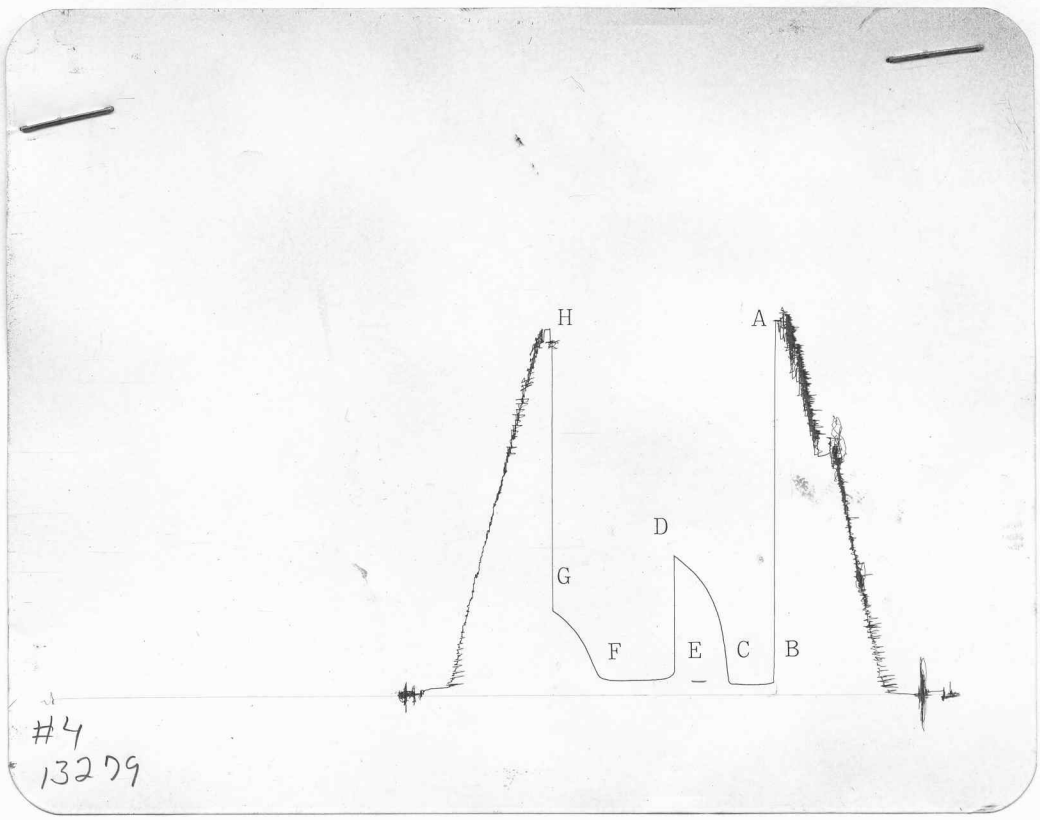

This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2149		PSI
(B)	First Initial Flow Pressure	44		PSI
(C)	First Final Flow Pressure	44		PSI
(D)	Initial Closed-in Pressure	785		PSI
(E)	Second Initial Flow Pressure	88		PSI
(F)	Second Final Flow Pressure	88		PSI
(G)	Final Closed-in Pressure	466		PSI
(H)	Final Hydrostatic Mud	2083		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	5
Well Name & Number	James #1-A	Zone Tested	Marmaton (top)
Company Address	Wichita Ks.	Date	12/9/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4267 Clock # 25559

(A) Initial Hydrostatic Mud 2105 PSI

(B) First Initial Flow Pressure 22 PSI

(C) First Final Flow Pressure 22 PSI

(D) Initial Shut-in Pressure 22 PSI

(E) Second Initial Flow Pressure 22 PSI

(F) Second Final Flow Pressure 22 PSI

(G) Final Shut-in Pressure 22 PSI

(H) Final Hydrostatic Mud 2061 PSI

Temperature 112

Mud Weight 9.3 Viscosity 56

Fluid Loss 7.2

Interval Tested 4237-4270

Anchor Length 33

Top Packer Depth 4232

Bottom Packer Depth 4237

Total Depth 4270

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 5

Recovered 5 Feet Of drilling mud. (no show)

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Recovered ____ Feet Of

Extra Equipment ____ Price of Job $620.00

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4262 Clock # 23857

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 @ 4:40 AM

Blow Remarks 1st open: Very weak blow, died in 11 minutes.

2nd open: No blow.

Resistivity: 0.57 ohms @ 72.0° F

Chlorides: 9,500 ppm

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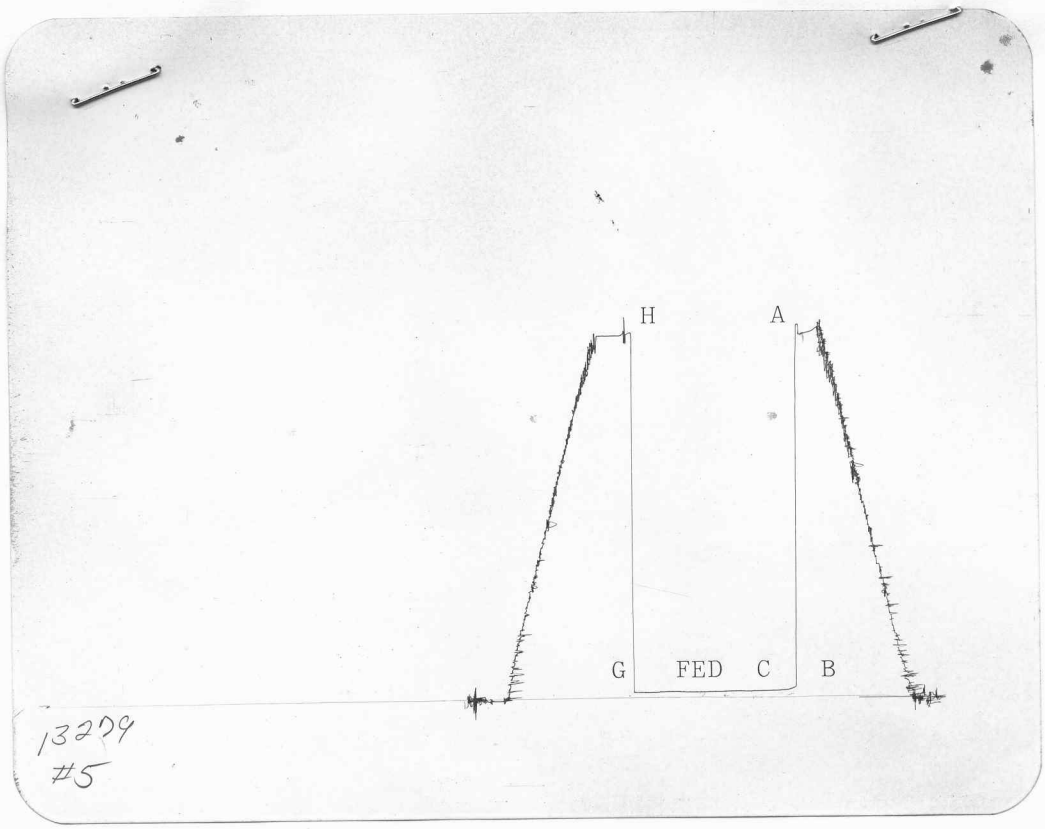

This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2105		PSI
(B)	First Initial Flow Pressure	22		PSI
(C)	First Final Flow Pressure	22		PSI
(D)	Initial Closed-in Pressure	22		PSI
(E)	Second Initial Flow Pressure	22		PSI
(F)	Second Final Flow Pressure	22		PSI
(G)	Final Closed-in Pressure	22		PSI
(H)	Final Hydrostatic Mud	2061		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	6
Well Name & Number	James #1-A	Zone Tested	Marmaton
Company Address	Wichita Ks.	Date	12/10/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4337 Clock # 25559

(A) Initial Hydrostatic Mud 2161 PSI

(B) First Initial Flow Pressure 47 PSI

(C) First Final Flow Pressure 47 PSI

(D) Initial Shut-in Pressure 66 PSI

(E) Second Initial Flow Pressure 47 PSI

(F) Second Final Flow Pressure 47 PSI

(G) Final Shut-in Pressure 66 PSI

(H) Final Hydrostatic Mud 2094 PSI

Temperature 115

Mud Weight 9.1 Viscosity 52

Fluid Loss 6.4

Interval Tested 4269-4340

Anchor Length 71

Top Packer Depth 4264

Bottom Packer Depth 4269

Total Depth 4340

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 10

Recovered 10 Feet Of mud with few oil specks.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____ Price of Job $620.00

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4332 Clock # 23857

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 @ 3:20 AM

Blow Remarks 1st open: Weak 3/4" blow, decreasing to very weak surface blow.

2nd open: No blow.

Resistivity 0.77 ohms @ 66.2 °F

Chlorides- 9,500 PPM

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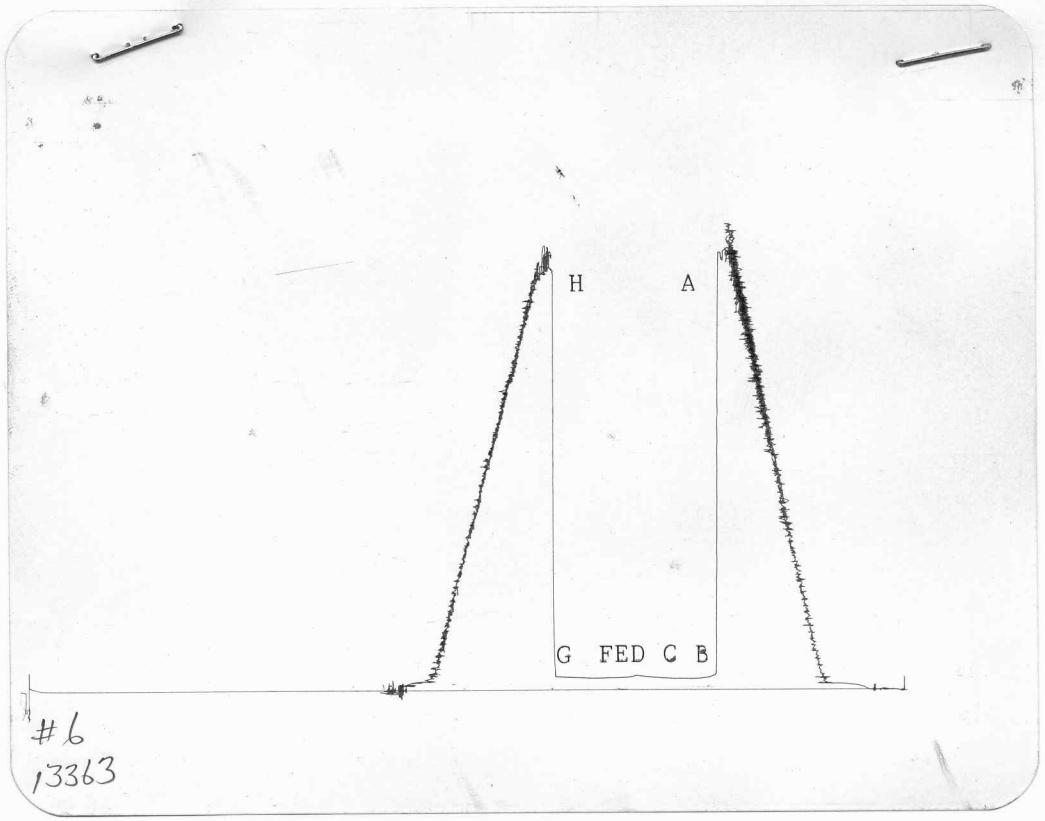
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2161		PSI
(B)	First Initial Flow Pressure	47		PSI
(C)	First Final Flow Pressure	47		PSI
(D)	Initial Closed-in Pressure	66		PSI
(E)	Second Initial Flow Pressure	47		PSI
(F)	Second Final Flow Pressure	47		PSI
(G)	Final Closed-in Pressure	66		PSI
(H)	Final Hydrostatic Mud	2094		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	7
Well Name & Number	James #1-A	Zone Tested	Pawnee
Company Address	Wichita Ks.	Date	12/10/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI

Recorder Depth 4367 Clock # 25559

(A) Initial Hydrostatic Mud 2149 PSI

(B) First Initial Flow Pressure 22 PSI

(C) First Final Flow Pressure 22 PSI

(D) Initial Shut-in Pressure 1059 PSI

(E) Second Initial Flow Pressure 33 PSI

(F) Second Final Flow Pressure 33 PSI

(G) Final Shut-in Pressure 233 PSI

(H) Final Hydrostatic Mud 2127 PSI

Temperature 115

Mud Weight 9.2 Viscosity 47

Fluid Loss 8.0

Interval Tested 4345-4370

Anchor Length 25

Top Packer Depth 4340

Bottom Packer Depth 4345

Total Depth 4370

Drill Pipe Size 4½ XH

Wt. Pipe I. D. 3.25 Ft. Run 320

Recovery-Total Feet 10

Recovered 10 Feet Of drilling mud with few spots of oil in top of tool.

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Extra Equipment ____ Price of Job $620.00

Recorder No. 13363 Type AK-1 Range 3800 PSI

Recorder Depth 4362 Clock # 23857

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

Initial Shut-in 45 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 @ 6:25 Pm

Blow Remarks 1st open: Weak 1¼" blow, decreasing to ½" blow.

2nd open: Very weak surge when tool opened, then died.

Resistivity: 0.76 Ohms @ 60.9° F.

Chlorides: 10,000 ppm

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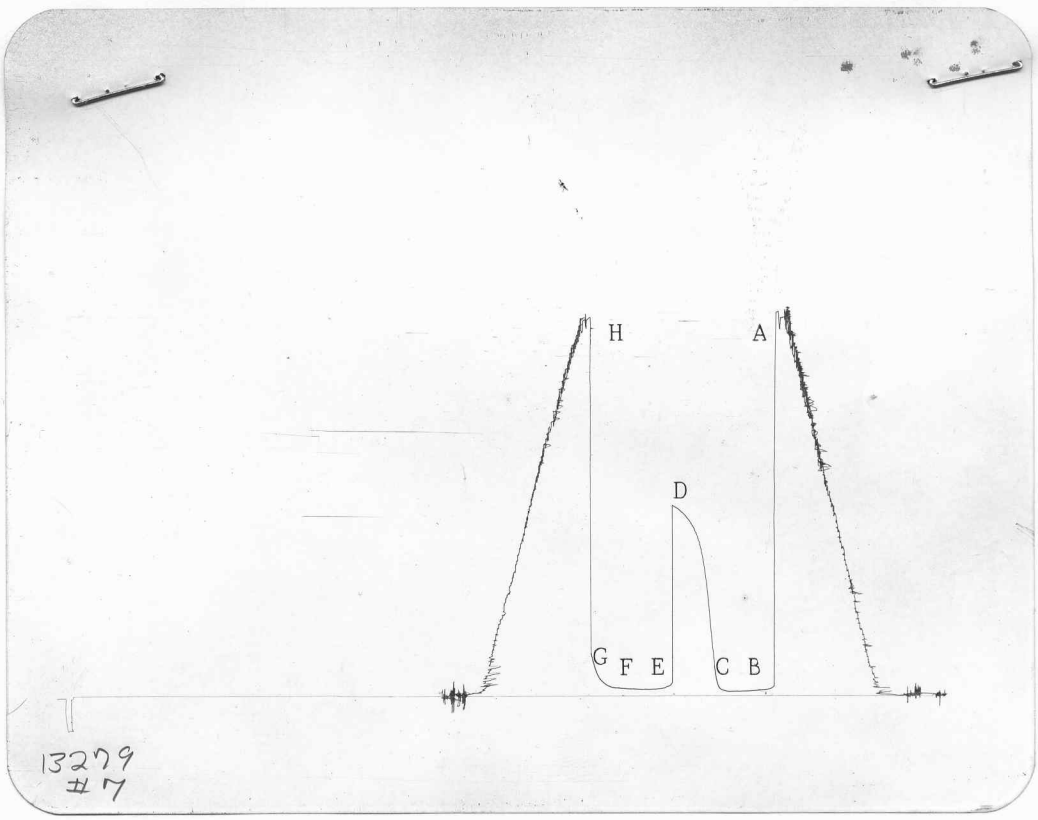
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2149		PSI
(B)	First Initial Flow Pressure	22		PSI
(C)	First Final Flow Pressure	22		PSI
(D)	Initial Closed-in Pressure	1059		PSI
(E)	Second Initial Flow Pressure	33		PSI
(F)	Second Final Flow Pressure	33		PSI
(G)	Final Closed-in Pressure	233		PSI
(H)	Final Hydrostatic Mud	2127		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	8
Well Name & Number	James #1-A	Zone Tested	Fort Scott
Company Address	Wichita Ks.	Date	12/11/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI
Recorder Depth 4435 Clock # 25559

(A) Initial Hydrostatic Mud 2190 PSI
(B) First Initial Flow Pressure 19 PSI
(C) First Final Flow Pressure 19 PSI
(D) Initial Shut-in Pressure 47 PSI
(E) Second Initial Flow Pressure 19 PSI
(F) Second Final Flow Pressure 19 PSI
(G) Final Shut-in Pressure 38 PSI
(H) Final Hydrostatic Mud 2094 PSI

Temperature 116
Mud Weight 9.3 Viscosity 55
Fluid Loss 7.2
Interval Tested 4400-4438
Anchor Length 38
Top Packer Depth 4395
Bottom Packer Depth 4400
Total Depth 4438
Drill Pipe Size 4½ XH
Wt. Pipe I. D. 3.25 Ft. Run 320
Recovery-Total Feet 10

Recorder No. 13363 Type AK-1 Range 3800 PSI
Recorder Depth 4430 Clock # 23857

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 @ 4:30 PM

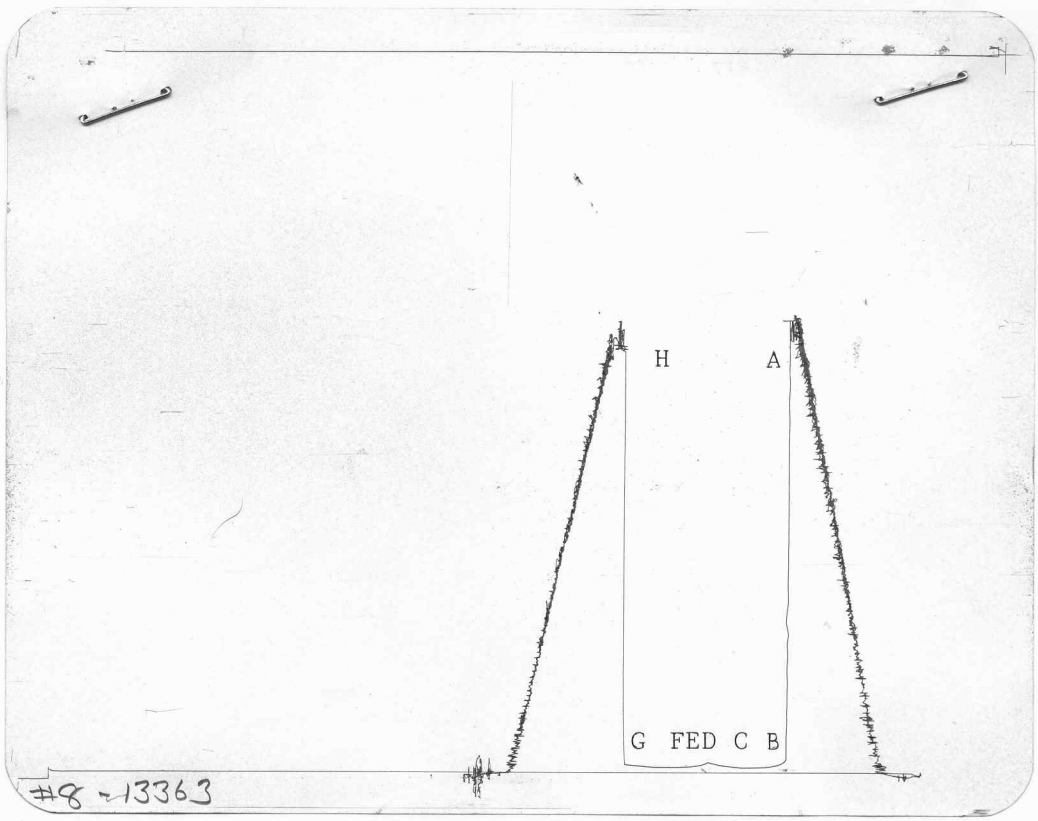
Blow Remarks 1st open: Very weak surface blow, died in 21 minutes.
2nd open: No blow.

Resistivity: 0.72 ohms @ 61.5° F
Chlorides: 11,000 ppm

Recovered 10 Feet Of drilling mud, few spots of oil in top of tool.
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of

Extra Equipment Price of Job $620.00

MILLER PRINTERS, INC.
Great Bend, Kansas



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2190		PSI
(B)	First Initial Flow Pressure	19		PSI
(C)	First Final Flow Pressure	19		PSI
(D)	Initial Closed-in Pressure	47		PSI
(E)	Second Initial Flow Pressure	19		PSI
(F)	Second Final Flow Pressure	19		PSI
(G)	Final Closed-in Pressure	38		PSI
(H)	Final Hydrostatic Mud	2094		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	9
Well Name & Number	James #1-A	Zone Tested	Cherokee Sand
Company Address	Wichita Ks.	Date	12/12/83
Company Rep.	Glenn Tracy	Tester	Mike Finnesy
Contractor	Abercrombie Drilling Company	Elevation	2744 KB
Location: Sec. 24 Twp. 16s Rge. 29w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13279 Type AK-1 Range 4400 PSI
Recorder Depth 4497 Clock # 25559

(A) Initial Hydrostatic Mud 2325 PSI
(B) First Initial Flow Pressure 11 PSI
(C) First Final Flow Pressure 11 PSI
(D) Initial Shut-in Pressure 631 PSI
(E) Second Initial Flow Pressure 22 PSI
(F) Second Final Flow Pressure 22 PSI
(G) Final Shut-in Pressure 66 PSI
(H) Final Hydrostatic Mud 2248 PSI

Temperature 117
Mud Weight 9.3 Viscosity 66
Fluid Loss 9.6
Interval Tested 4488-4500
Anchor Length 12
Top Packer Depth 4483
Bottom Packer Depth 4488
Total Depth 4500
Drill Pipe Size 4½ XH
Wt. Pipe I. D. 3.25 Ft. Run 320
Recovery-Total Feet 15

Recorder No. 13363 Type AK-1 Range 3800 PSI
Recorder Depth 4492 Clock # 23857

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 @ 1:30 PM

Blow Remarks 1st open: Weak ½" blow, died in 26 minutes.
2nd open: No blow.

Resistivity: 0.81 ohms @ 63.8° F
Chlorides: 10,000 ppm

Recovered 15 Feet Of mud, puddle of oil in top of tool.
Recovered ____ Feet Of ____
Recovered ____ Feet Of ____
Recovered ____ Feet Of ____
Recovered ____ Feet Of ____
Recovered ____ Feet Of ____

Extra Equipment ____ Price of Job $620.00

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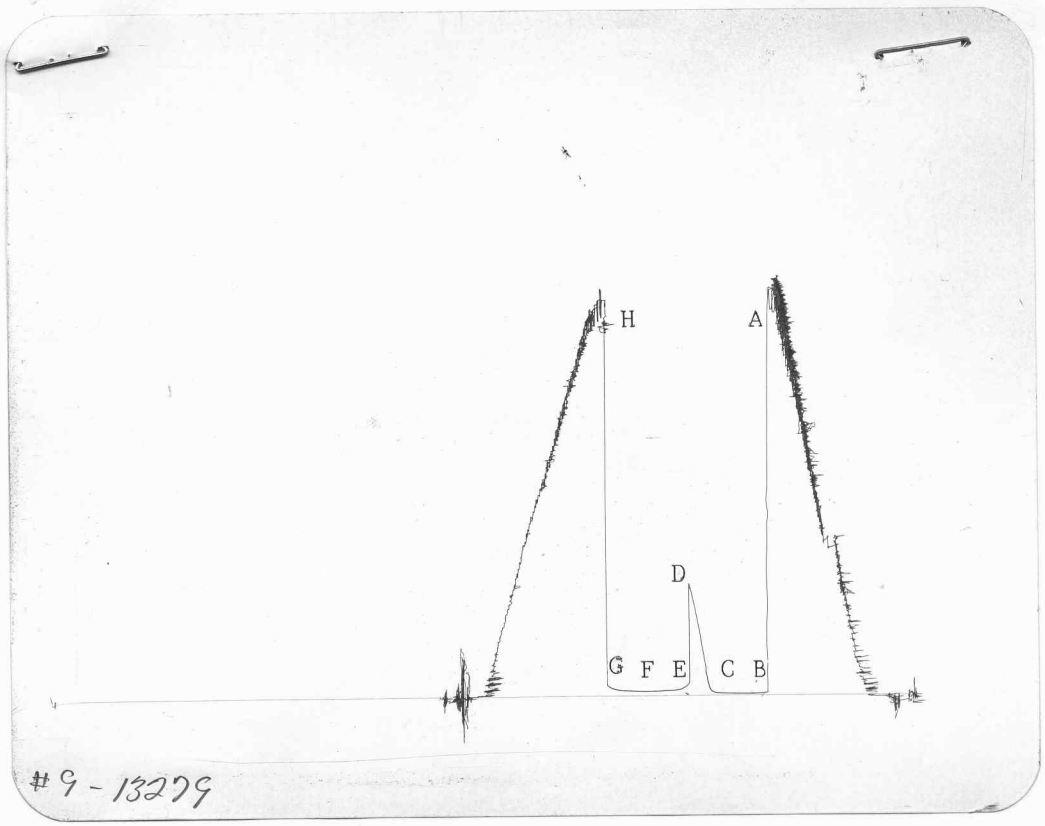

This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2325		PSI
(B)	First Initial Flow Pressure	11		PSI
(C)	First Final Flow Pressure	11		PSI
(D)	Initial Closed-in Pressure	631		PSI
(E)	Second Initial Flow Pressure	22		PSI
(F)	Second Final Flow Pressure	22		PSI
(G)	Final Closed-in Pressure	66		PSI
(H)	Final Hydrostatic Mud	2248		PSI