

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2213	PSI
(B) First Initial Flow Pressure	29	PSI
(C) First Final Flow Pressure	29	PSI
(D) Initial Closed-in Pressure	1047	PSI
(E) Second Initial Flow Pressure	49	PSI
(F) Second Final Flow Pressure	59	PSI
(G) Final Closed-in Pressure	909	PSI
(H) Final Hydrostatic Mud	2125	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	Shapland #1	Zone Tested	Marmaton
Company Address	411 Farmers & Bankers Bldg., Wichita Ks.	Date	2/13/84
Company Rep.	Nelson Thomas	Tester	Dan Bangle
Contractor	Abercrombie Drilling Company	Elevation	2677 KB
Location: Sec. 26 Twp. 18s Rge. 28w Co. Lane State Ks.		Est. Feet of Pay	

Recorder No. 13370 Type AK-1 Range 3900 PSI

Recorder No. 13372 Type AK-1 Range 3975 PSI

Recorder Depth 4366 Clock # 25831

Recorder Depth 4370 Clock # 25828

(A) Initial Hydrostatic Mud 2213 PSI

Tool Open Before I.S.I. _____ Mins.

(B) First Initial Flow Pressure _____ PSI

Initial Shut-in _____ Mins.

(C) First Final Flow Pressure _____ PSI

Flow Period _____ Mins.

(D) Initial Shut-in Pressure _____ PSI

Final Shut-in _____ Mins.

(E) Second Initial Flow Pressure _____ PSI

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

(F) Second Final Flow Pressure _____ PSI

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

(G) Final Shut-in Pressure _____ PSI

Tool Open @ 2:00 Pm

(H) Final Hydrostatic Mud 2164 PSI

Blow Remarks _____

Temperature 121

Misrun; Could not get packer to seat,

Mud Weight 9.6 Viscosity 47

Packer failure.

Fluid Loss 12.

Interval Tested 4333-4373

Anchor Length 40

Top Packer Depth 4328

Bottom Packer Depth 4333

Total Depth 4373

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 3.25 Ft. Run 471

Recovery-Total Feet 300

Recovered 300 Feet Of mud.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

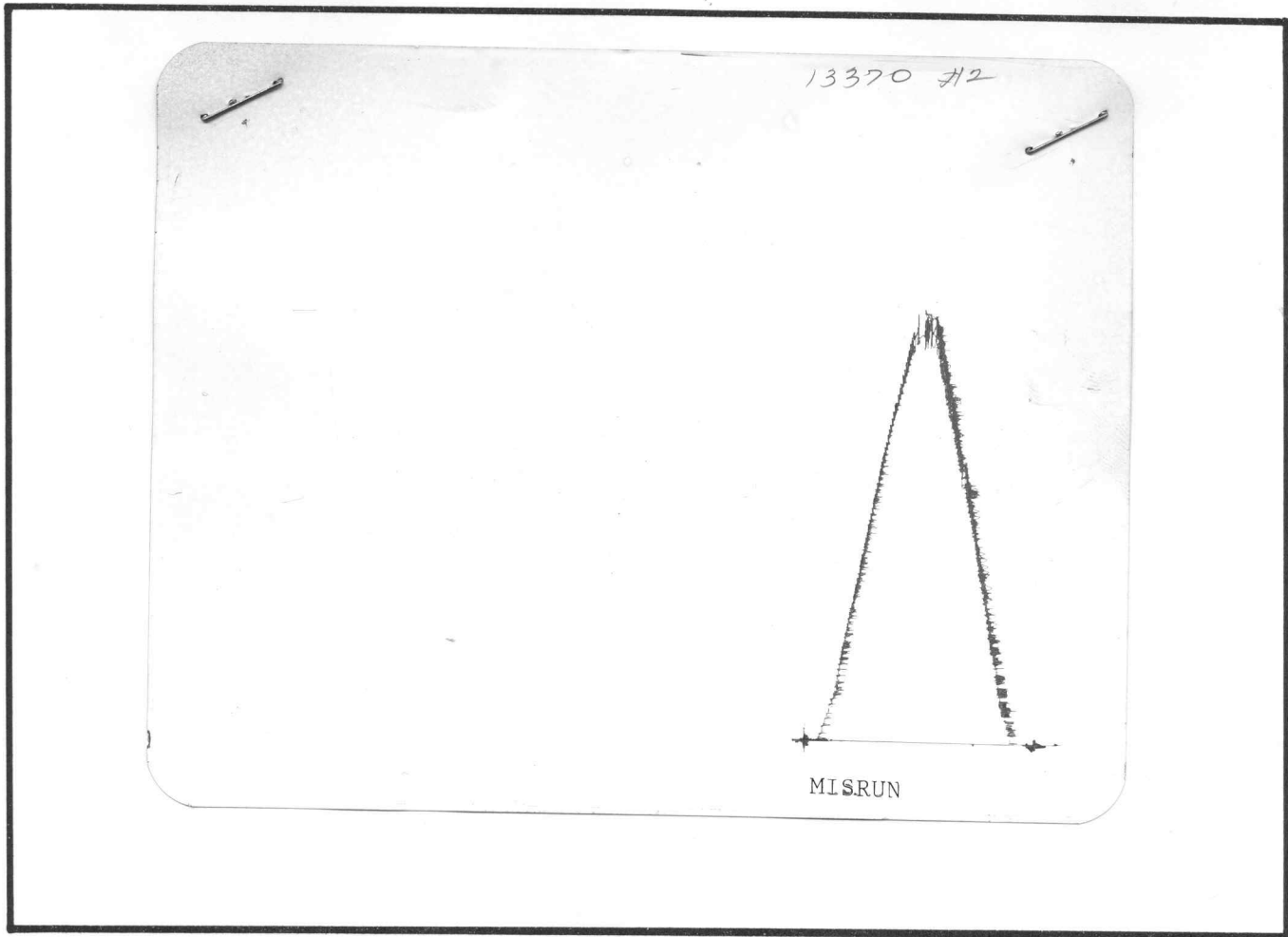
Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____

Price of Job \$330.00



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POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2213	MISRUN	PSI
(B) First Initial Flow Pressure			PSI
(C) First Final Flow Pressure			PSI
(D) Initial Closed-in Pressure			PSI
(E) Second Initial Flow Pressure			PSI
(F) Second Final Flow Pressure			PSI
(G) Final Closed-in Pressure			PSI
(H) Final Hydrostatic Mud	2164		PSI

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DRILL-STEM TEST DATA

Company Oil Capital Corp.	Test No. 3
Well Name & Number Shapland #1	Zone Tested Marmaton
Company Address 411 Farmers & Bankers Bldg., Wichita Ks.	Date 2/13/84
Company Rep. Nelson Thomas	Tester Dan Bangle
Contractor Abercrombie Drilling Company	Elevation 2677 KB
Location: Sec. 26 Twp. 18s Rge. 28w Co. Lane State Ks.	Est. Feet of Pay

Recorder No. 13370 Type AK-1 Range 3900 PSI

Recorder Depth 4366 Clock # 25831

(A) Initial Hydrostatic Mud 2232 PSI

(B) First Initial Flow Pressure 19 PSI

(C) First Final Flow Pressure 19 PSI

(D) Initial Shut-in Pressure 29 PSI

(E) Second Initial Flow Pressure 19 PSI

(F) Second Final Flow Pressure 19 PSI

(G) Final Shut-in Pressure 29 PSI

(H) Final Hydrostatic Mud 2182 PSI

Temperature 121

Mud Weight 9.6 Viscosity 47

Fluid Loss 12

Interval Tested 4358-4373

Anchor Length 15

Top Packer Depth 4353

Bottom Packer Depth 4358

Total Depth 4373

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 3.25 Ft. Run 471

Recovery-Total Feet 20

Recovered 20 Feet Of mud, no show.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. 13372 Type AK-1 Range 3975 PSI

Recorder Depth 4370 Clock # 25828

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

Initial Shut-in 60 Mins.

Flow Period 60 Mins.

Final Shut-in 30 Mins.

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

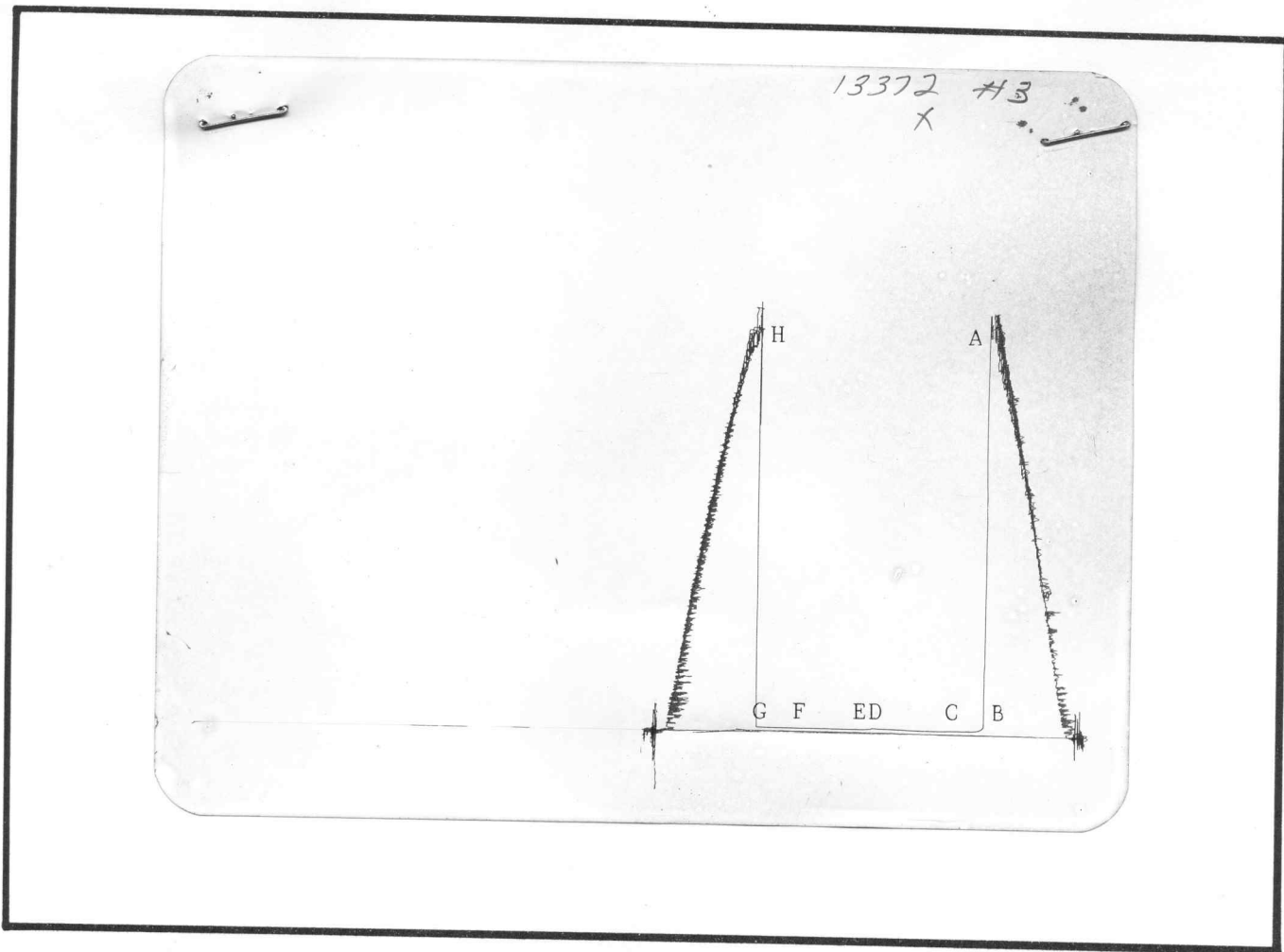
Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 4:45 PM

Blow Remarks 1st open: Weak 3/4" blow.

2nd open: Very weak blow for 10 minutes.

Price of Job \$620.00



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POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2232		PSI
(B) First Initial Flow Pressure	19		PSI
(C) First Final Flow Pressure	19		PSI
(D) Initial Closed-in Pressure	29		PSI
(E) Second Initial Flow Pressure	19		PSI
(F) Second Final Flow Pressure	19		PSI
(G) Final Closed-in Pressure	29		PSI
(H) Final Hydrostatic Mud	2182		PSI

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DRILL-STEM TEST DATA

Company Oil Capital Corp.	Test No. 4
Well Name & Number Shapland #1	Zone Tested Mississippi
Company Address 411 Farmers & Bankers Bldg., Wichita Ks	Date 2/14/84
Company Rep. Nelson Thomas	Tester Dan Bangle
Contractor Abercrombie Drilling Company	Elevation 2677 KB
Location: Sec. 26 Twp. 18s Rge. 28w Co. Lane State Ks.	Est. Feet of Pay

Recorder No. 13370 Type AK-1 Range 3900 PSI

Recorder No. 13372 Type AK-1 Range 3975 PSI

Recorder Depth 4531 Clock # 25831

Recorder Depth 4535 Clock # 25828

(A) Initial Hydrostatic Mud 2390 PSI

Tool Open Before I.S.I. _____ Mins.

(B) First Initial Flow Pressure _____ PSI

Initial Shut-in _____ Mins.

(C) First Final Flow Pressure _____ PSI

Flow Period _____ Mins.

(D) Initial Shut-in Pressure _____ PSI

Final Shut-in _____ Mins.

(E) Second Initial Flow Pressure _____ PSI

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

(F) Second Final Flow Pressure _____ PSI

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

(G) Final Shut-in Pressure _____ PSI

Tool Open @ 10:00 PM

(H) Final Hydrostatic Mud 2341 PSI

Blow Remarks _____

Temperature _____

Mud Weight 9.6 Viscosity 52

Misrun- Could not get packer seat.

Fluid Loss 14.4

Packer Failure

Interval Tested 4529-4538

Anchor Length 9

Top Packer Depth 4524

Bottom Packer Depth 4529

Total Depth 4538

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 3.25 Ft. Run 471

Recovery-Total Feet 300

Recovered 300 Feet Of mud with few oil spots.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

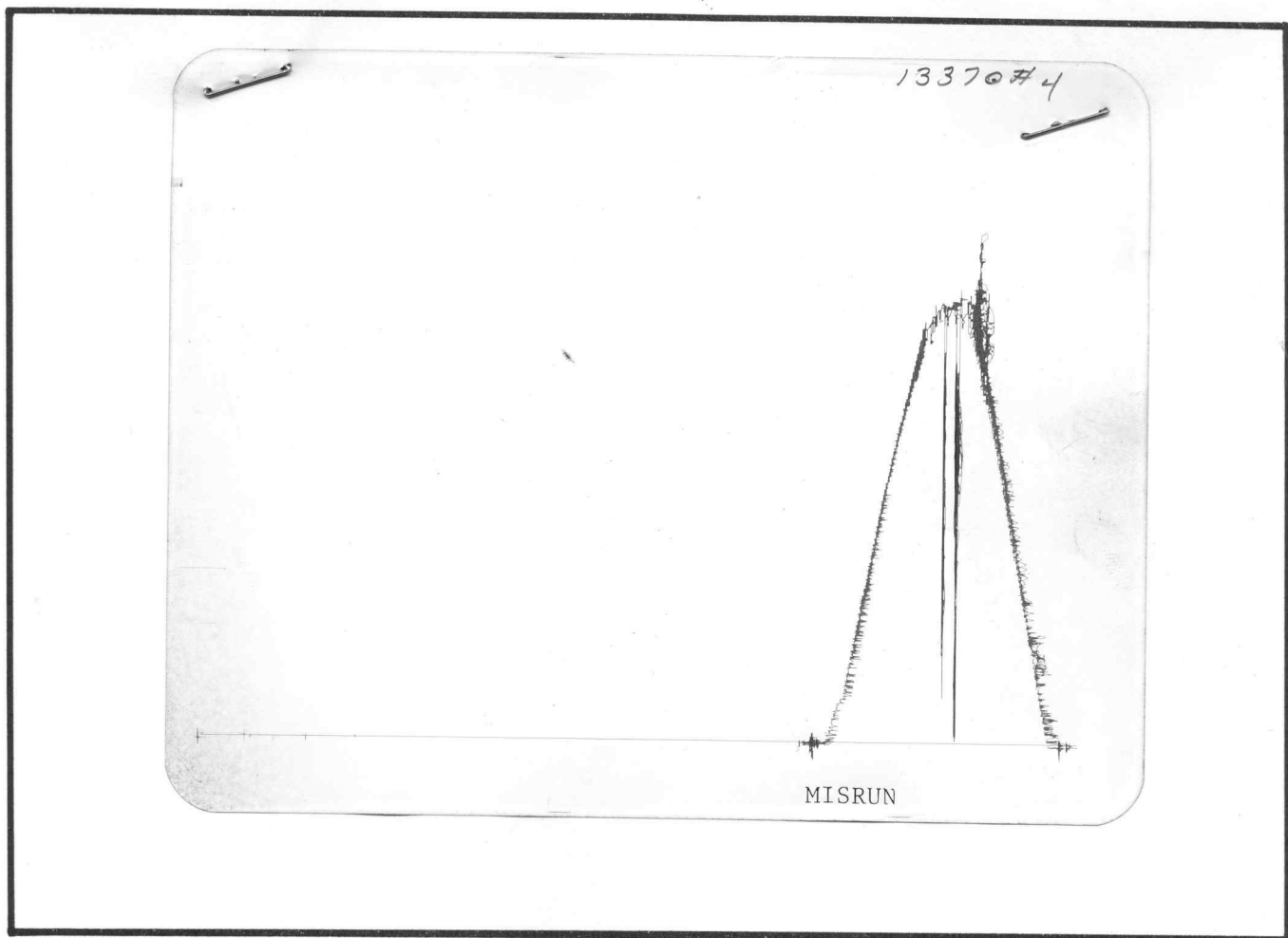
Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____ Price of Job \$330.00

COMPANY
 CITY
 STATE AND WELL NO.
 CHART AND
 DATE
 TIME
 PAGE NO.
 TEST NO.
 DATE 2/11/84



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2390	Misrun	PSI
(B) First Initial Flow Pressure			PSI
(C) First Final Flow Pressure			PSI
(D) Initial Closed-in Pressure			PSI
(E) Second Initial Flow Pressure			PSI
(F) Second Final Flow Pressure			PSI
(G) Final Closed-in Pressure			PSI
(H) Final Hydrostatic Mud	2341		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 Shapland #1	Zone Tested Mississippi
Company Address 411 Farmers & Bankers Bldg., Wichia Ks	Date 2/15/84
Company Rep. Nelson Thomas	Tester Dan Bangle
Contractor Abercrombie Drilling Company	Elevation 2677 KB
Location: Sec. 26 Twp. 18s Rge. 28w Co. Lane State Ks.	Est. Feet of Pay

Recorder No. 13370 Type AK-1 Range 3900 PSI

Recorder Depth 4531 Clock # 25831

(A) Initial Hydrostatic Mud 2370 PSI

(B) First Initial Flow Pressure 39 PSI

(C) First Final Flow Pressure 39 PSI

(D) Initial Shut-in Pressure 1272 PSI

(E) Second Initial Flow Pressure 39 PSI

(F) Second Final Flow Pressure 39 PSI

(G) Final Shut-in Pressure 1262 PSI

(H) Final Hydrostatic Mud 2292 PSI

Temperature 130

Mud Weight 9.6 Viscosity 52

Fluid Loss 14.4

Interval Tested 4496-4538

Anchor Length 42

Top Packer Depth 4491

Bottom Packer Depth 4496

Total Depth 4538

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 3.25 Ft. Run 471

Recovery-Total Feet 25

Recovered 25 Feet Of mud, spots of oil in tool.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job \$620.00

Recorder No. 13372 Type AK-1 Range 3975 PSI

Recorder Depth 4535 Clock # 35828

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

Initial Shut-in 60 Mins.

Flow Period 30 Mins.

Final Shut-in 60 Mins.

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

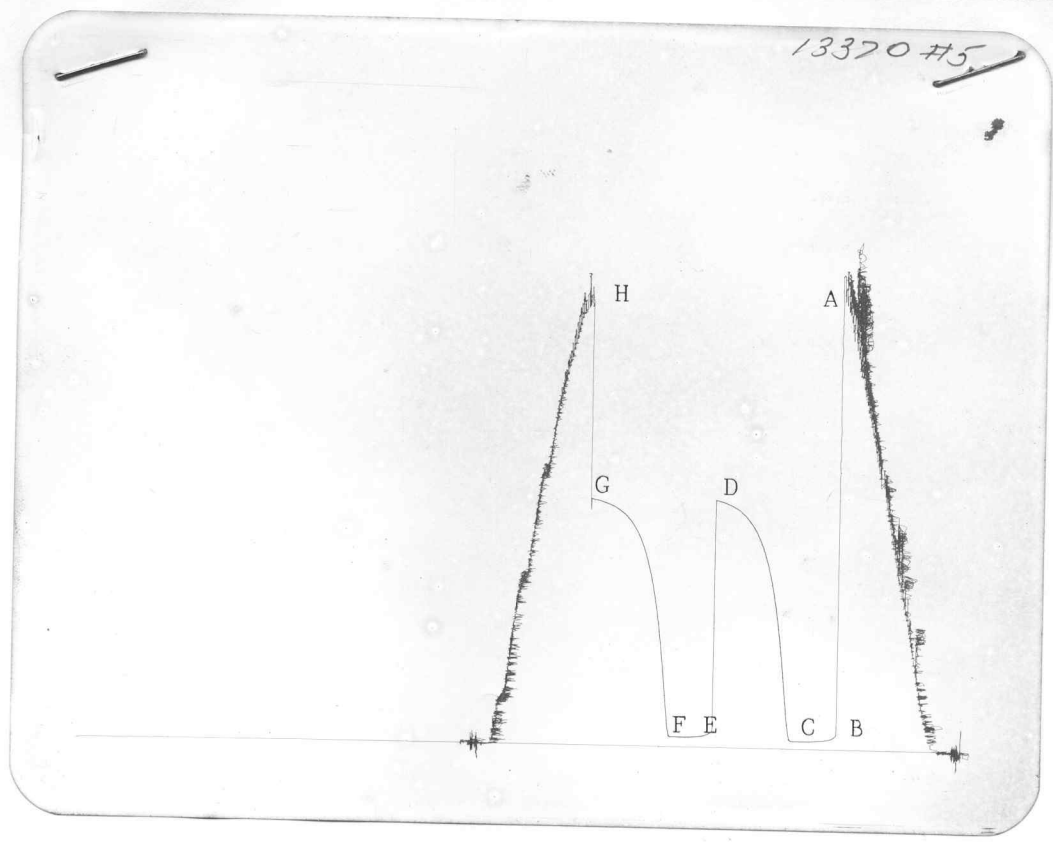
Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 1:15 AM

Blow Remarks 1st open: Weak 1 1/2" blow.

2nd open: No blow.

13370 #5



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POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2370		PSI
(B) First Initial Flow Pressure	39		PSI
(C) First Final Flow Pressure	39		PSI
(D) Initial Closed-in Pressure	1272		PSI
(E) Second Initial Flow Pressure	39		PSI
(F) Second Final Flow Pressure	39		PSI
(G) Final Closed-in Pressure	1262		PSI
(H) Final Hydrostatic Mud	2292		PSI

CHENEY TESTING COMPANY, INC.

P. O. Box 367

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DRILL-STEM TEST DATA

Company	Oil Capital Corp.	Test No.	6
Well Name & Number	Shapland #1	Zone Tested	Mississippi
Company Address	411 Farmers & Bankers Bldg., Wichita	Date	2/15/84
Company Rep.	Nelson Thomas	Tester	Dan Bangle
Contractor	Abercrombie Drilling Company	Elevation	2677 KB
Location: Sec.	26 Twp.	18s Rge.	28w Co.Lane StateKs.
			Est. Feet of Pay

Recorder No. 13370 Type AK-1 Range 3900 PSI
 Recorder Depth 4539 Clock # 25831
 (A) Initial Hydrostatic Mud 2409 PSI
 (B) First Initial Flow Pressure 69 PSI
 (C) First Final Flow Pressure 277 PSI
 (D) Initial Shut-in Pressure 1233 PSI
 (E) Second Initial Flow Pressure 347 PSI
 (F) Second Final Flow Pressure 584 PSI
 (G) Final Shut-in Pressure 1233 PSI
 (H) Final Hydrostatic Mud 2272 PSI
 Temperature 139
 Mud Weight 9.7 Viscosity 49
 Fluid Loss 13.6
 Interval Tested 4495-4546
 Anchor Length 51
 Top Packer Depth 4490
 Bottom Packer Depth 4495
 Total Depth 4546
 Drill Pipe Size 4½ XH
 Wt. Pipe I. D. 3.25 Ft. Run 471
 Recovery-Total Feet 1260

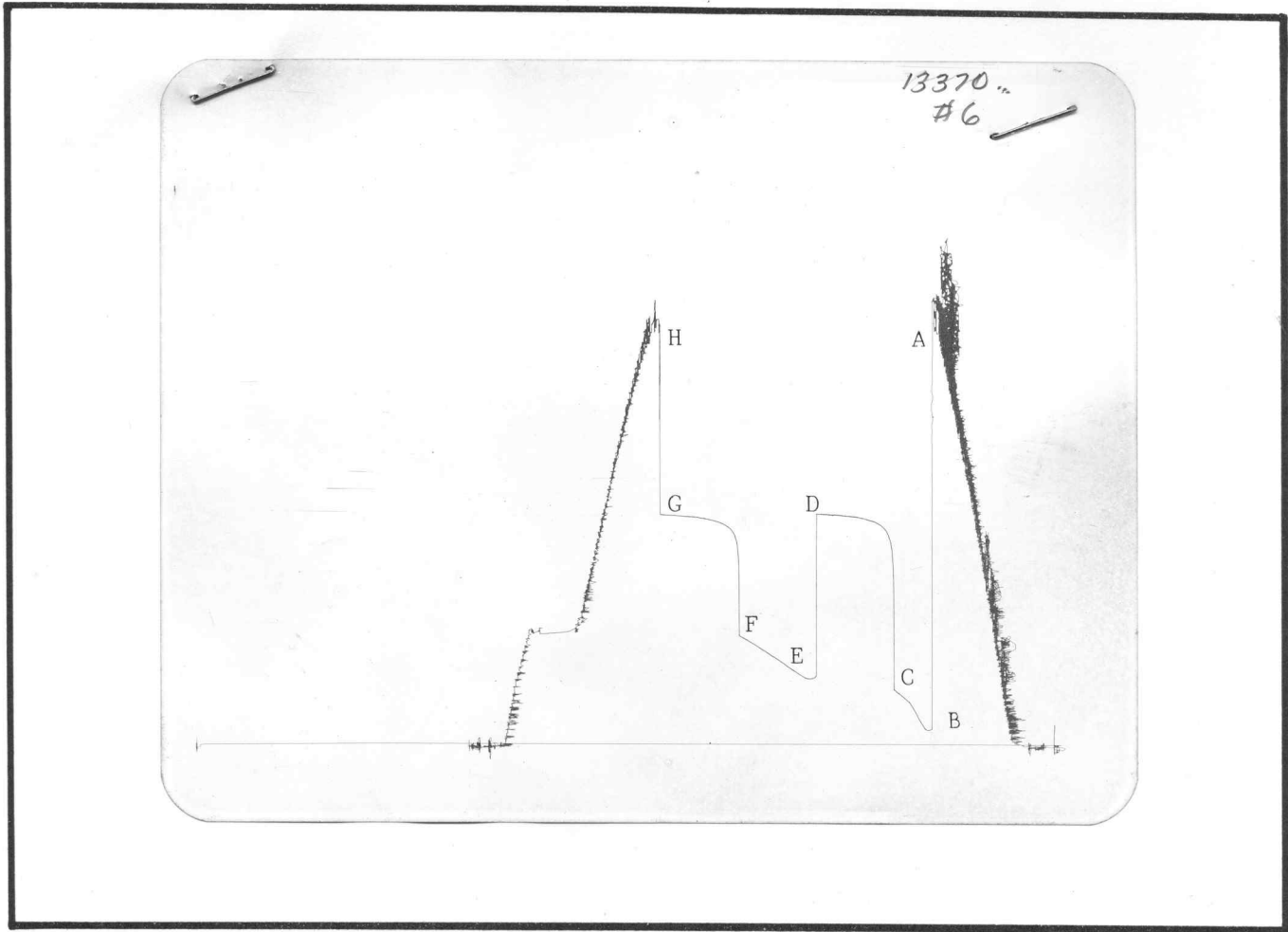
Recorder No. 13372 Type AK-1 Range 3975 PSI
 Recorder Depth 4543 Clock # 25828
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 60 Mins.
 Flow Period 60 Mins.
 Final Shut-in 60 Mins.
 Top Choke Size 1" Hole Size 7 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 1:05 PM

Blow Remarks 1st open: Strong for 18 minutes.
2nd open: same as above.

Resistivity: 0.31 ohms @ 74.1° F
Chlorides: 30,000 ppm

Recovered 1260 Feet Of slat water, no show.
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____

Extra Equipment Circulating Sub Price of Job \$650.00



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POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2409	PSI
(B) First Initial Flow Pressure	69	PSI
(C) First Final Flow Pressure	277	PSI
(D) Initial Closed-in Pressure	1233	PSI
(E) Second Initial Flow Pressure	347	PSI
(F) Second Final Flow Pressure	584	PSI
(G) Final Closed-in Pressure	1233	PSI
(H) Final Hydrostatic Mud	2272	PSI