

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Joe Taylor	Test No.	1
Well Name & Number	Petracek'B' #1	Zone Tested	Tarkio
Company Address	Wichita, Ks.	Date	8-18-81
Comp. Rep.	Steve Frankamp	Tester	Marc Sis
Contractor	Abercrombie Drlg.	Elevation	2607 KB
Location: Sec. 14 Twp. 4s Rge. 27w Co. Decatur State Ks.		Est. Feet of Pay	

Recorder No. 13222 Type AK-1 Range 4000 PSI

Recorder Depth 3311

(A) Initial Hydrostatic Mud 1672 PSI

(B) First Initial Flow Pressure 82 PSI

(C) First Final Flow Pressure 82 PSI

(D) Initial Closed-in Pressure 1080 PSI

(E) Second Initial Flow Pressure 114 PSI

(F) Second Final Flow Pressure 124 PSI

(G) Final Closed-in Pressure 872 PSI

(H) Final Hydrostatic Mud 1630 PSI

Temperature _____

Mud Weight 9.2 Viscosity 39

Fluid Loss 13.4

Interval Tested 3243-3314

Anchor Length 71'

Top Packer Depth 3238

Bottom Packer Depth 3243

Total Depth 3314

Drill Pipe Size 4 1/2 FH

Wt. Pipe I. D. 2.75 Ft. Run 581

Recovery—Total Feet 210

Recovered 25 Feet Of _____

Recovered 60 Feet Of _____

Recovered 125 Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment _____

Recorder No. 13223 Type AK-1 Range 4150 PSI

Recorder Depth 3308

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 @ 7:05 P.M.

Blow FAIR BLOW 5" IN BUCKET FOR 30 MIN.

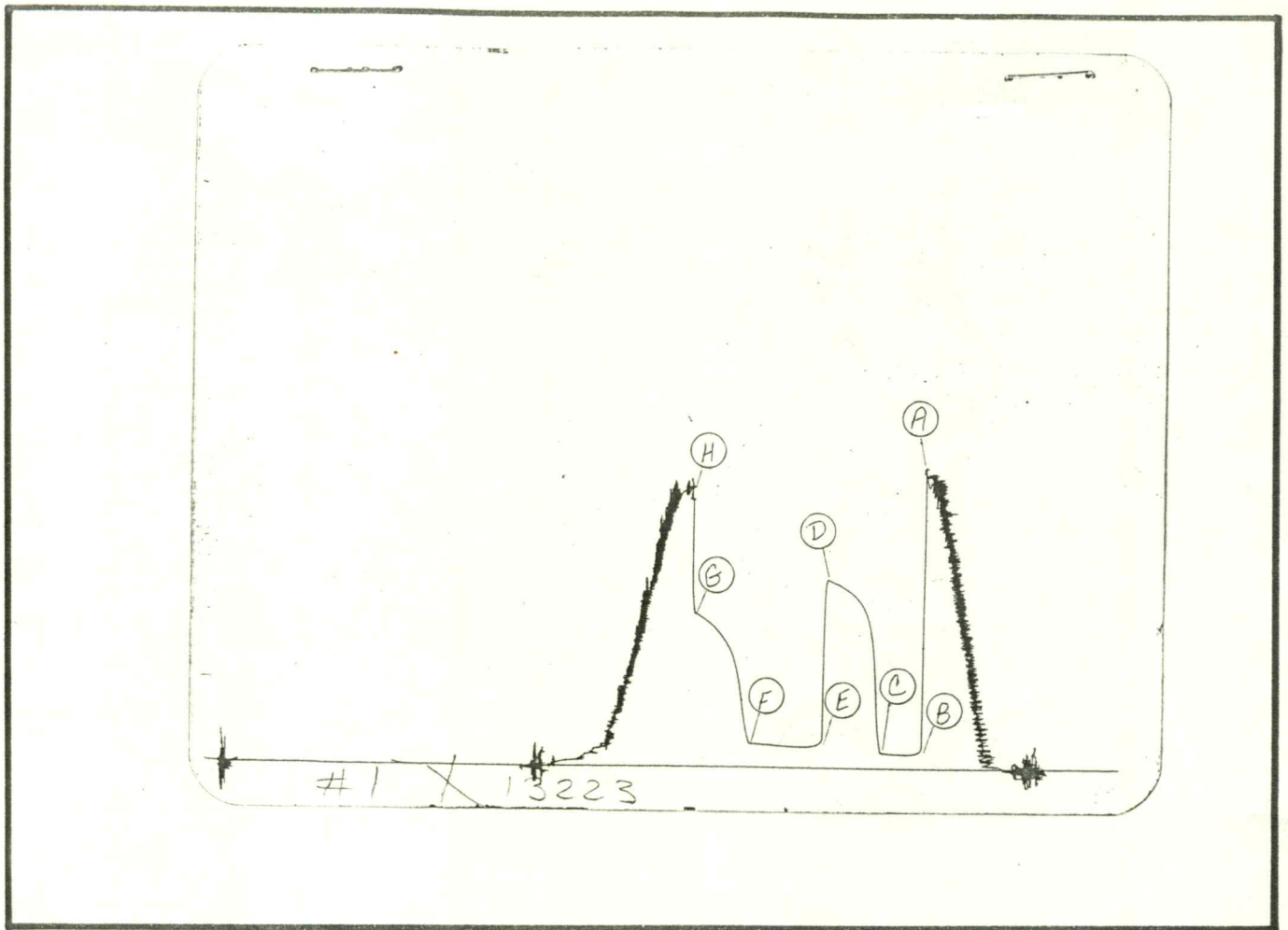
Remarks 2ND OPEN-1" IN BUCKET FOR 60 MIN.

Drill Collar I. D. _____ Ft. Run _____

DST- \$650.00

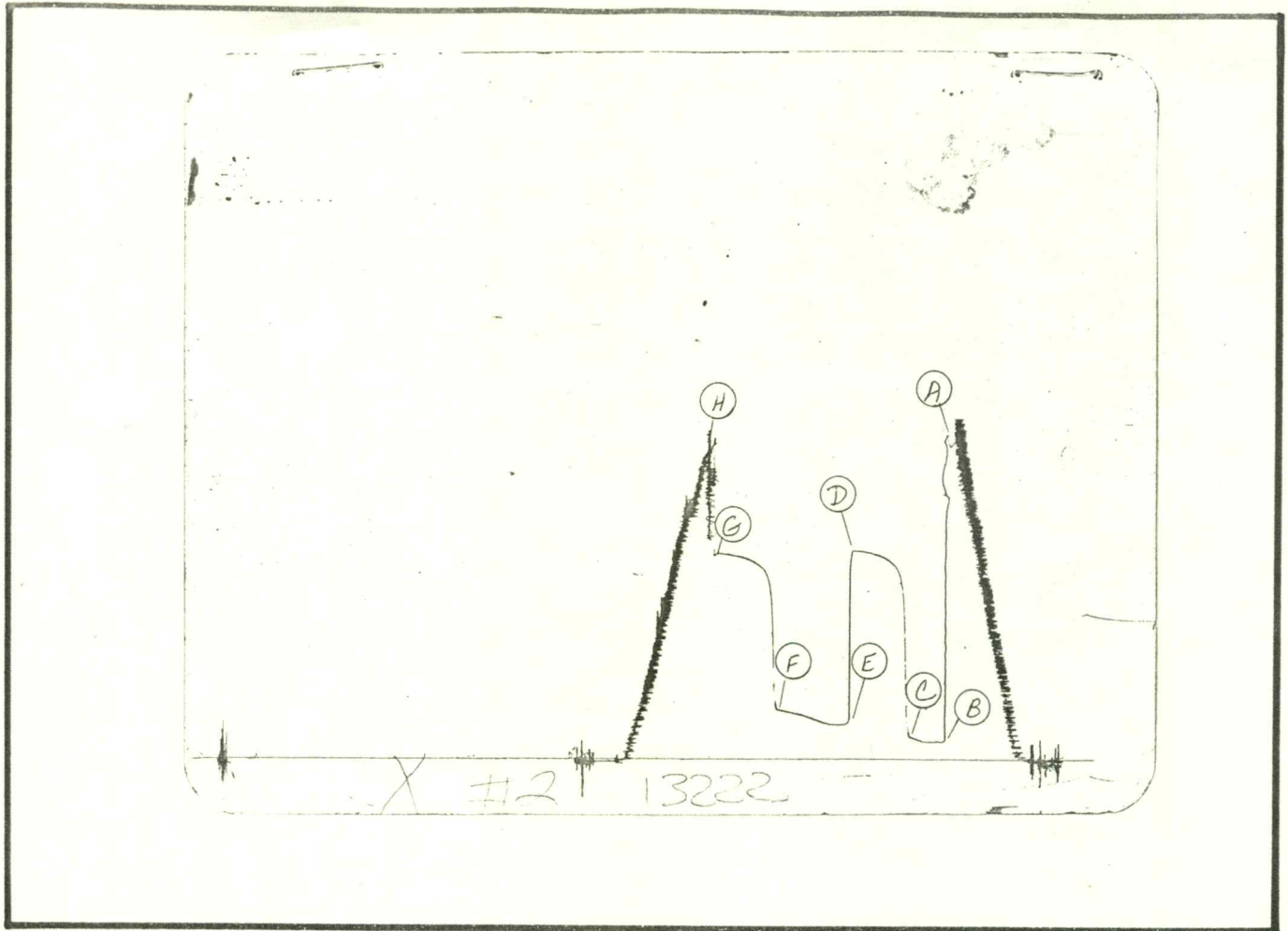
DOWN HOLE INSURANCE- \$ 50.00

Price of Job \$700.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1672	PSI
(B) First Initial Flow Pressure	82	PSI
(C) First Final Flow Pressure	82	PSI
(D) Initial Closed-in Pressure	1080	PSI
(E) Second Initial Flow Pressure	114	PSI
(F) Second Final Flow Pressure	124	PSI
(G) Final Closed-in Pressure	872	PSI
(H) Final Hydrostatic Mud	1630	PSI



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1797	PSI
(B) First Initial Flow Pressure	91	PSI
(C) First Final Flow Pressure	101	PSI
(D) Initial Closed-in Pressure	1146	PSI
(E) Second Initial Flow Pressure	182	PSI
(F) Second Final Flow Pressure	273	PSI
(G) Final Closed-in Pressure	1126	PSI
(H) Final Hydrostatic Mud	1757	PSI

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DRILL-STEM TEST DATA

Company	Joe Taylor	Test No.	3
Well Name & Number	Petracek 'B' #1	Zone Tested	Toronto
Company Address	Denver, Co.	Date	8-20-81
Comp. Rep.	Steve Frankamp	Tester	Marc Sis
Contractor	Abercrombie Drlg.	Elevation	2607 KB
Location: Sec. 14 Twp. 4s Rge. 27w Co. Decatur State Ks.			Est. Feet of Pay

Recorder No. 13222 Type AK-1 Range 4000 PSI

Recorder Depth 3551

(A) Initial Hydrostatic Mud 1787 PSI

(B) First Initial Flow Pressure 30 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 566 PSI

(E) Second Initial Flow Pressure 30 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 556 PSI

(H) Final Hydrostatic Mud 1736 PSI

Temperature _____

Mud Weight 9.4 Viscosity 40

Fluid Loss 13.6

Interval Tested 3516-3554

Anchor Length 38'

Top Packer Depth 3511

Bottom Packer Depth 3516

Total Depth 3554

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.75 Ft. Run 581

Recovery—Total Feet 10

Recovered 10 Feet Of MUD WITH OIL SPOTS.

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment NONE Price of Job \$650.00

Recorder No. 13223 Type AK-1 Range 4150 PSI

Recorder Depth 3548

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

Initial Shut-in 45 Mins.

Flow Period 30 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

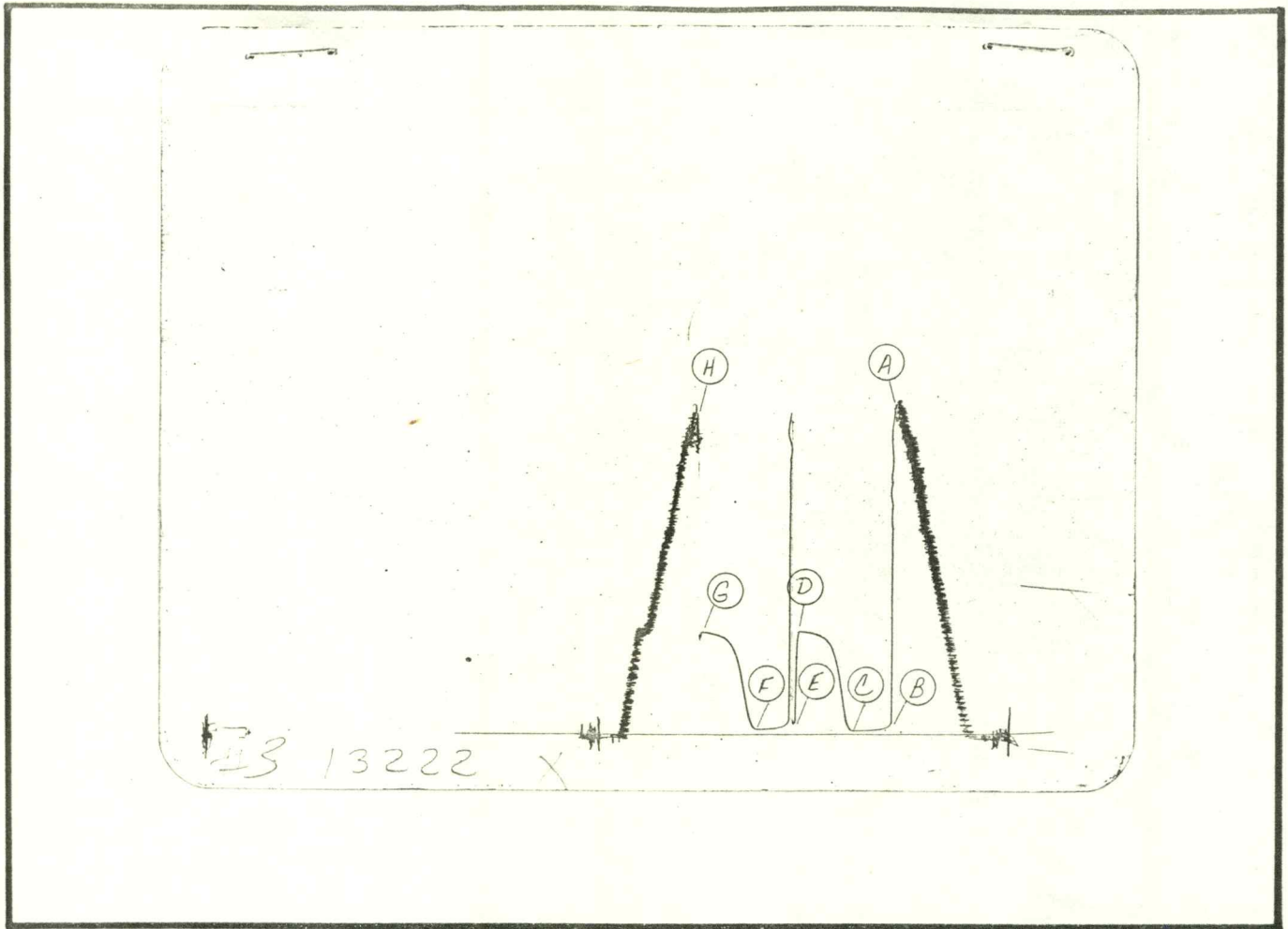
Rubber Size 6 3/4"

Tool Open @ 7:05 A.M.

Blow WEAK BLOW 30 MIN. 1ST OPEN. 1/2" IN BUCKE

Remarks NO BLOW 2ND OPEN. FLUSHED TOOL.

Drill Collar I. D. _____ Ft. Run _____



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1787	PSI
(B) First Initial Flow Pressure	30	PSI
(C) First Final Flow Pressure	20	PSI
(D) Initial Closed-in Pressure	566	PSI
(E) Second Initial Flow Pressure	30	PSI
(F) Second Final Flow Pressure	20	PSI
(G) Final Closed-in Pressure	556	PSI
(H) Final Hydrostatic Mud	1736	PSI

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Joe Taylor	Test No.	4
Well Name & Number	Petracek 'B' #1	Zone Tested	A&B
Company Address	Denver, Co.	Date	8-20-81
Comp. Rep.	Steve Frankamp	Tester	Marc Sis
Contractor	Abercrombie Drlg.	Elevation	2607 KB
Location: Sec. 14 Twp. 4s Rge. 27w Co. Decatur State Ks.			Est. Feet of Pay

Recorder No. 13222 Type AK-1 Range 4000 PSI

Recorder Depth _____ 3590

(A) Initial Hydrostatic Mud _____ 1796 PSI

(B) First Initial Flow Pressure _____ 51 PSI

(C) First Final Flow Pressure _____ 72 PSI

(D) Initial Closed-in Pressure _____ 383 PSI

(E) Second Initial Flow Pressure _____ 124 PSI

(F) Second Final Flow Pressure _____ 165 PSI

(G) Final Closed-in Pressure _____ 373 PSI

(H) Final Hydrostatic Mud _____ 1775 PSI

Temperature _____

Mud Weight 93 Viscosity _____ 43

Fluid Loss _____ 12

Interval Tested _____ 3551-3593

Anchor Length _____ 42'

Top Packer Depth _____ 3546

Bottom Packer Depth _____ 3551

Total Depth _____ 3593

Drill Pipe Size _____ 4½ Xh

Wt. Pipe I. D. 2.75 Ft. Run _____ 581

Recovery—Total Feet _____ 372

Recovered 20 Feet Of _____ CLEAN OIL.

Recovered 40 Feet Of _____ 70% OIL 30% MUD.

Recovered 60 Feet Of _____ 20% OIL 80% MUD.

Recovered 252 Feet Of _____ 2% OIL 78% WATER 20% MUD.

Extra Equipment _____ NONE

Recorder No. 13223 Type AK-1 Range 4150 PSI

Recorder Depth _____ 3587

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 _____ ¾"

Main Hole Size _____ 7⅞"

Rubber Size _____ 6¾"

Tool Open @ _____ 7:20 P.M.

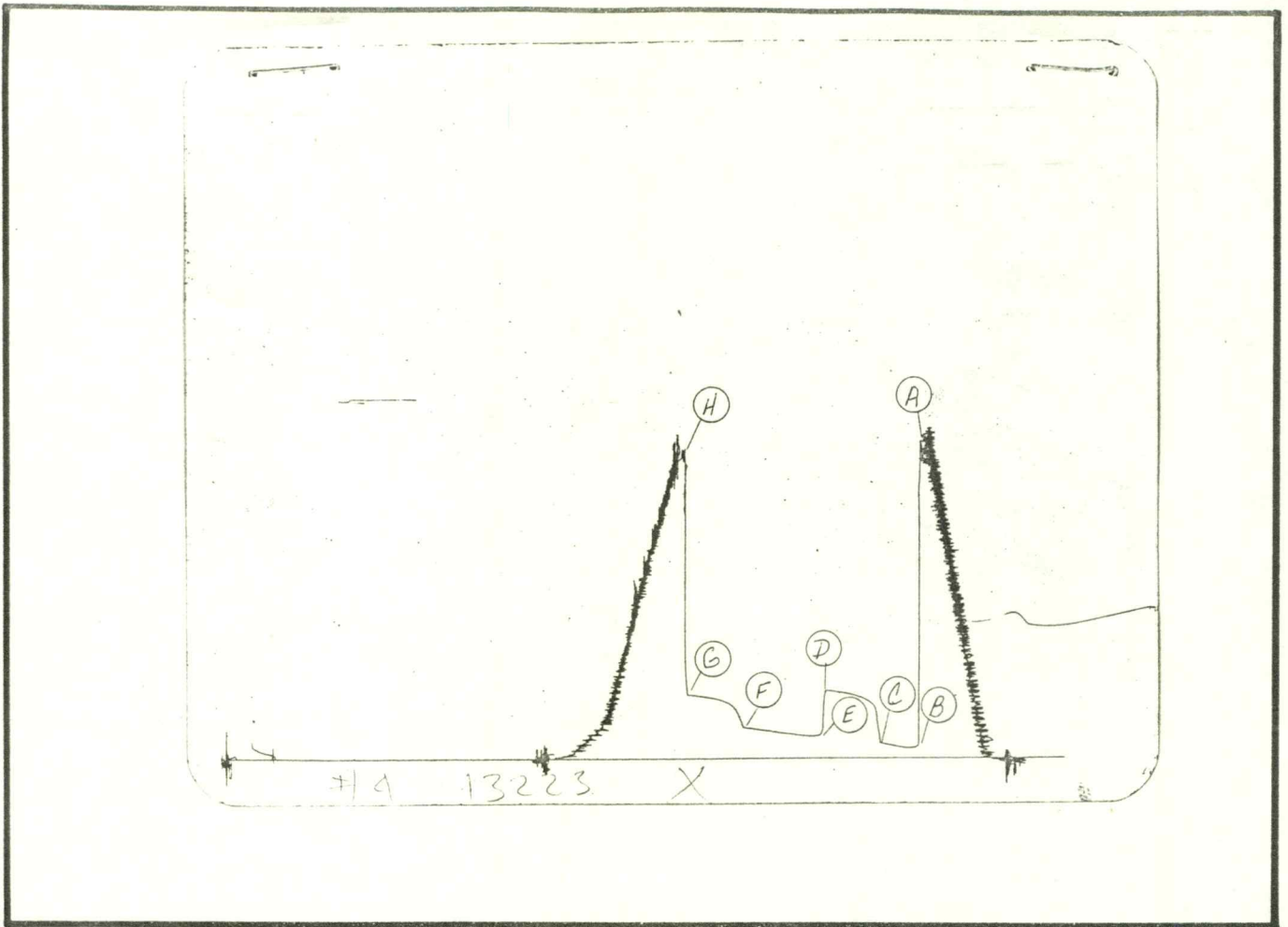
Blow FAIR BLOW FOR 30 MIN. 2" OFF BOTTOM OF

Remarks BUCKET. WEAK BLOW 2ND OPEN BLEW 60

MIN. 2" IN BUCKET.

Drill Collar I. D. _____ Ft. Run _____

Price of Job \$650.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1796	PSI
(B) First Initial Flow Pressure	51	PSI
(C) First Final Flow Pressure	72	PSI
(D) Initial Closed-in Pressure	383	PSI
(E) Second Initial Flow Pressure	124	PSI
(F) Second Final Flow Pressure	165	PSI
(G) Final Closed-in Pressure	373	PSI
(H) Final Hydrostatic Mud	1775	PSI