

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drilling Co.	Test No.	1
Well Name & Number	Jolly #2	Zone Tested	Lansing K. C.
Company Address	Great Bend, Ks.	Date	4-15-81
Comp. Rep.	Vern Schrag	Tester	Bill Weaves
Contractor	Abercrombie Rig #9	Elevation	2430K. B.
Location: Sec. 1 Twp. 1s Rge. 29W Co. Decatur State Ks.		Est. Feet of Pay	

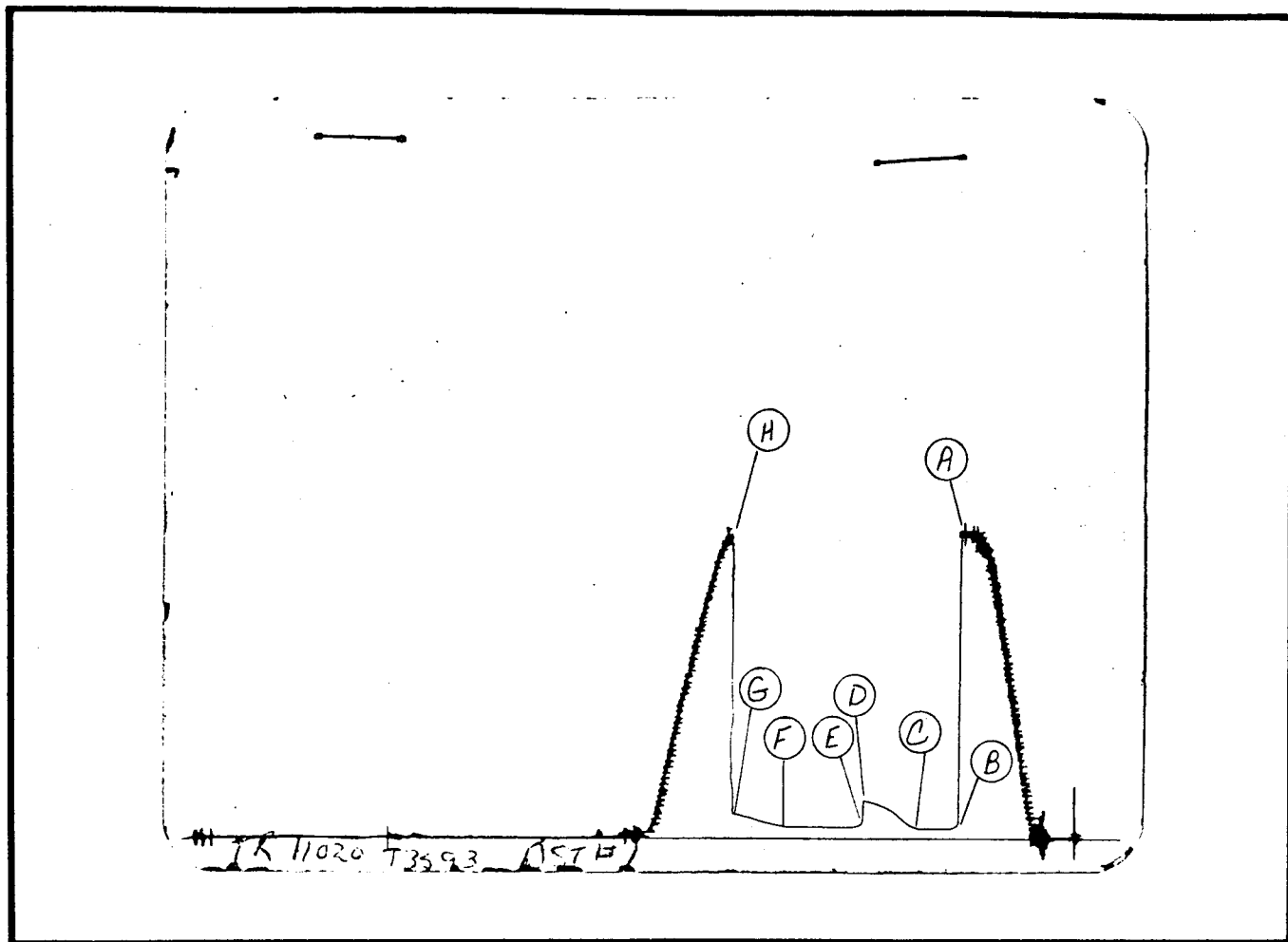
Recorder No. 11020 Type AK-1 Range 3900 PSI
 Recorder Depth 3298

(A) Initial Hydrostatic Mud 1639 PSI
 (B) First Initial Flow Pressure 50 PSI
 (C) First Final Flow Pressure 50 PSI
 (D) Initial Closed-in Pressure 210 PSI
 (E) Second Initial Flow Pressure 50 PSI
 (F) Second Final Flow Pressure 50 PSI
 (G) Final Closed-in Pressure 140 PSI
 (H) Final Hydrostatic Mud 1630 PSI

Temperature 105
94
 Mud Weight 94 Viscosity 39
 Fluid Loss 10.2
 Interval Tested 3267 to 3306
 Anchor Length 39
 Top Packer Depth 3262
 Bottom Packer Depth 3267
 Total Depth 3306
 Drill Pipe Size 4 1/2 XH
 Wt. Pipe I. D. 2.76 Ft. Run 630
 Recovery—Total Feet 25' Free oil
5' Recovered 5' Feet Of Oil cut mud
 Recovered Feet Of
 Recovered Feet Of
 Recovered Feet Of
 Extra Equipment None Price of Job 650.00

Recorder No. 13275 Type AK-1 Range 3950 PSI
 Recorder Depth 3301
 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 1/8"
 Rubber Size 6 3/4"
 Tool Open @ 10:20 A. M.
 Blow 1st. opening- Weak blow for 30 min.
 Remarks 2nd. opening- Weak blow throughout

Drill Collar I. D. Ft. Run



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1639	PSI
(B) First Initial Flow Pressure	50	PSI
(C) First Final Flow Pressure	50	PSI
(D) Initial Closed-in Pressure	210	PSI
(E) Second Initial Flow Pressure	50	PSI
(F) Second Final Flow Pressure	50	PSI
(G) Final Closed-in Pressure	140	PSI
(H) Final Hydrostatic Mud	1630	PSI

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DRILL-STEM TEST DATA

Company <u>Abercrombie Drlg. Co. Inc.</u>	Test No. <u>2</u>
Well Name & Number <u>Jolly #2</u>	Zone Tested <u>Lansing K.C.</u>
Company Address <u>Great Bend, Ks.</u>	Date <u>4-16-81</u>
Comp. Rep. <u>Vern Schrag</u>	Tester <u>Bill Weaves</u>
Contractor <u>Abercrombie Rig 9</u>	Elevation <u>2430 K. B.</u>
Location: Sec. <u>1</u> Twp. <u>1s</u> Rge. <u>29W</u> Co. <u>Decatur</u> State <u>Ks.</u>	Est. Feet of Pay _____

Recorder No. 11020 Type AK-1 Range 3900 PSI

Recorder Depth _____ 3380

(A) Initial Hydrostatic Mud _____ 1669 PSI

(B) First Initial Flow Pressure _____ 40 PSI

(C) First Final Flow Pressure _____ 60 PSI

(D) Initial Closed-in Pressure _____ 700 PSI

(E) Second Initial Flow Pressure _____ 70 PSI

(F) Second Final Flow Pressure _____ 100 PSI

(G) Final Closed-in Pressure _____ 610 PSI

(H) Final Hydrostatic Mud _____ 1660 PSI

Temperature _____ 105

Mud Weight 9.4 Viscosity 39

Fluid Loss _____ 10.4

Interval Tested _____ 3356-3388

Anchor Length _____ 32

Top Packer Depth _____ 3351

Bottom Packer Depth _____ 3356

Total Depth _____ 3388

Drill Pipe Size _____ 4 1/2 XH

Wt. Pipe I. D. 2.76 Ft. Run 630

Recovery—Total Feet _____ 120'

Recovered 30' Feet Of Slightly oil cut mud

Recovered 90' Feet Of Muddy water

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment None

Recorder No. 13275 Type AK-1 Range 3950 PSI

Recorder Depth _____ 3383

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"

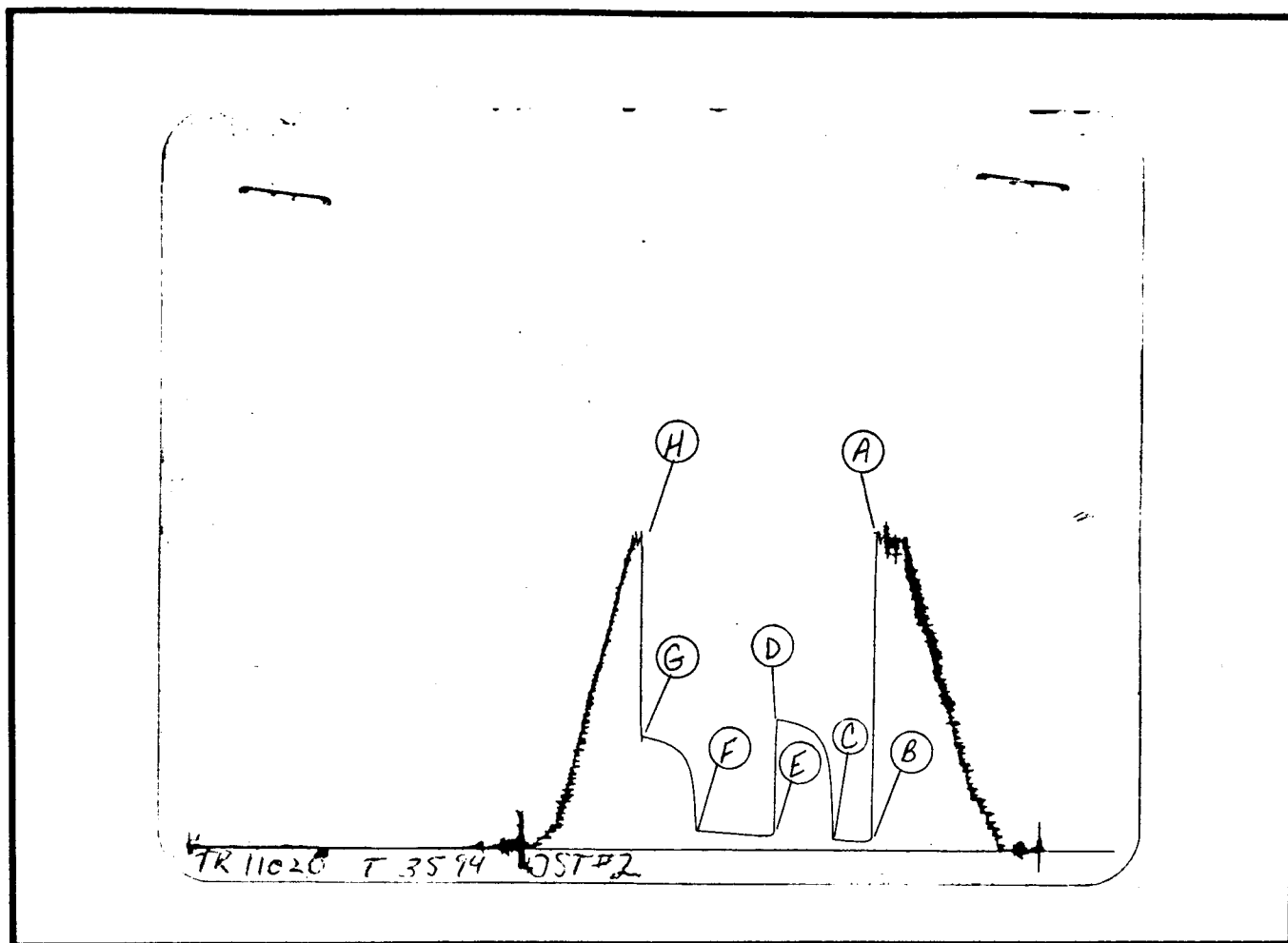
Tool Open @ 4:15 A. M.

Blow 1st. opening—Weak blow throughout

Remarks 2nd. opening—Weak blow throughout

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	1669	PSI
(B) First Initial Flow Pressure	40	PSI
(C) First Final Flow Pressure	60	PSI
(D) Initial Closed-in Pressure	700	PSI
(E) Second Initial Flow Pressure	70	PSI
(F) Second Final Flow Pressure	100	PSI
(G) Final Closed-in Pressure	610	PSI
(H) Final Hydrostatic Mud	1660	PSI

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DRILL-STEM TEST DATA

Company <u>Abercrombie Drlg. Co. Inc.</u>	Test No. <u>3</u>
Well Name & Number <u>Jolly #2</u>	Zone Tested <u>Lansing K.C.</u>
Company Address <u>Great Bend, Ks.</u>	Date <u>4-16-81</u>
Comp. Rep. <u>Vernon Schrag</u>	Tester <u>Bill Weaves</u>
Contractor <u>Abercrombie Rig 9</u>	Elevation <u>2430 K.B.</u>
Location: Sec. 1 Twp. 1s Rge. 29W Co. Decatur State Ks.	Est. Feet of Pay

Recorder No. 11020 Type AK-1 Range 3900 PSI

Recorder Depth 3444

(A) Initial Hydrostatic Mud 1738 PSI

(B) First Initial Flow Pressure 50 PSI

(C) First Final Flow Pressure 50 PSI

(D) Initial Closed-in Pressure 50 PSI

(E) Second Initial Flow Pressure 50 PSI

(F) Second Final Flow Pressure 50 PSI

(G) Final Closed-in Pressure 50 PSI

(H) Final Hydrostatic Mud 1730 PSI

Temperature 9.3

Mud Weight 9.3 Viscosity 45

Fluid Loss 10.4

Interval Tested 3394-3452

Anchor Length 58

Top Packer Depth 3389

Bottom Packer Depth 3394

Total Depth 3452

Drill Pipe Size

Wt. Pipe I. D. 2.76 Ft. Run 630

Recovery—Total Feet 10'

Recovered 10' Feet Of Drilling mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 13275 Type AK-1 Range 3950 PSI

Recorder Depth 3447

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 @ 5:45 P.M.

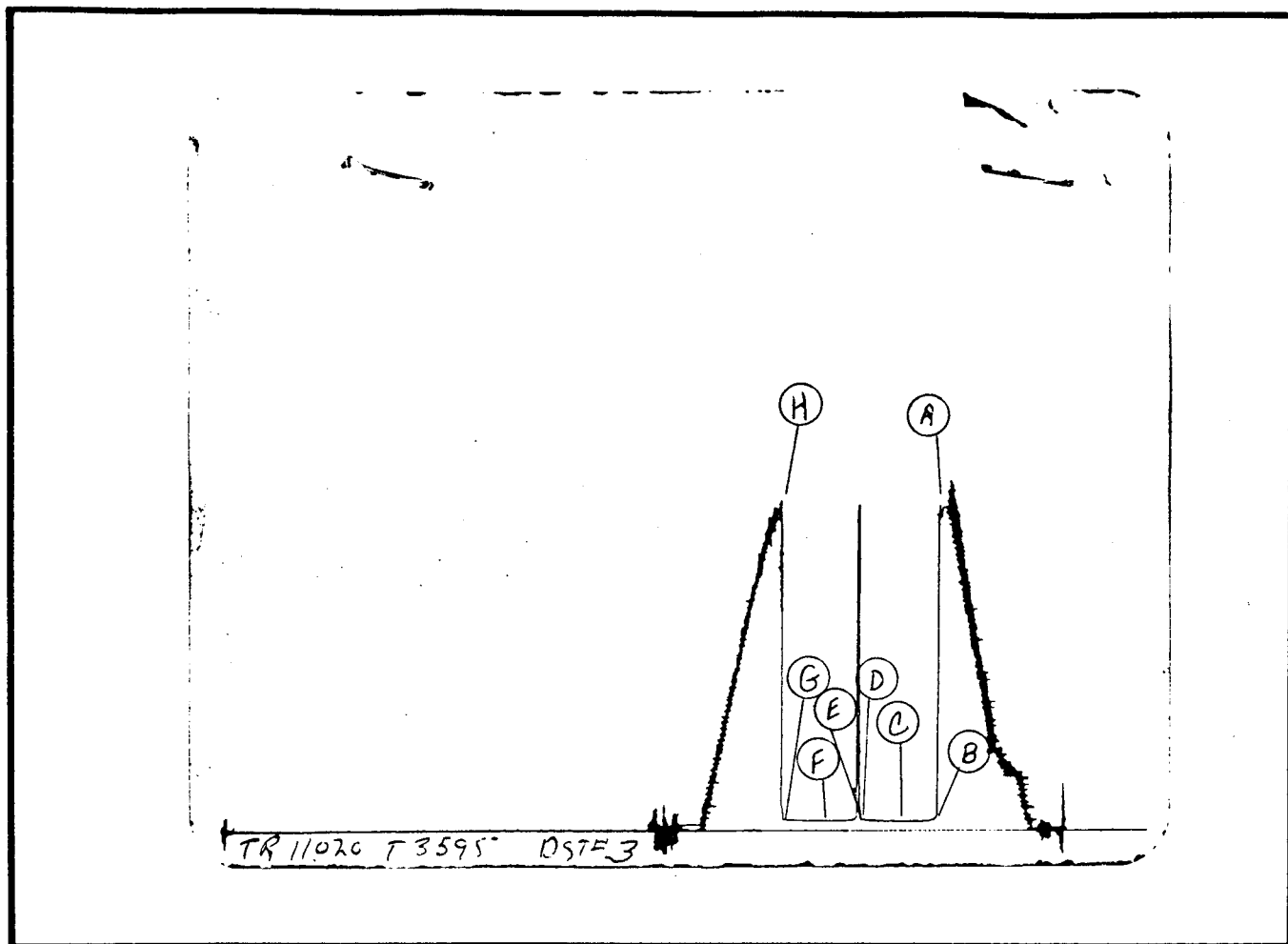
Blow 1st. opening—Weak blow, died in 4 min.

Remarks after opening

2nd. opening no blow, Flush tool weak blow
for 3 min. after flush

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	1738	PSI
(B) First Initial Flow Pressure	50	PSI
(C) First Final Flow Pressure	50	PSI
(D) Initial Closed-in Pressure	50	PSI
(E) Second Initial Flow Pressure	50	PSI
(F) Second Final Flow Pressure	50	PSI
(G) Final Closed-in Pressure	50	PSI
(H) Final Hydrostatic Mud	1730	PSI