

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	1
Well Name & Number	Schenk #1	Zone Tested	K.C.
Company Address	Wichita, Ks.	Date	8-6-81
Comp. Rep.	Bill Darrow	Tester	Jim Kauff
Contractor	Bergman Drlg. Co.	Elevation	1959 KB
Location: Sec. 24 Twp. 17s Rge. 15w Co. Barton State Ks.		Est. Feet of Pay	

Recorder No. 13371 Type AK-1 Range 3900 PSI

Recorder Depth 3339

(A) Initial Hydrostatic Mud 1878 PSI

(B) First Initial Flow Pressure 98 PSI

(C) First Final Flow Pressure 127 PSI

(D) Initial Closed-in Pressure 1029 PSI

(E) Second Initial Flow Pressure 147 PSI

(F) Second Final Flow Pressure 167 PSI

(G) Final Closed-in Pressure 1029 PSI

(H) Final Hydrostatic Mud 1858 PSI

Temperature 105

Mud Weight 10.1 Viscosity 37

Fluid Loss 10

Interval Tested 3296-3345

Anchor Length 49'

Top Packer Depth 3291

Bottom Packer Depth 3296

Total Depth 3345

Drill Pipe Size 4 1/2 H.D.

Wt. Pipe I. D. 2.7 Ft. Run 411

Recovery—Total Feet 270

Recovered 120 Feet Of 10% OIL 90% MUD

Recovered 60 Feet Of 15% OIL 85% MUD

Recovered 60 Feet Of 5% OIL 95% MUD

Recovered 30 Feet Of 10% OIL 10% MUD 80% WATER

Extra Equipment NONE

Recorder No. 1760 Type AK-1 Range 3500 PSI

Recorder Depth 3342

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 @ 5:15 A.M.

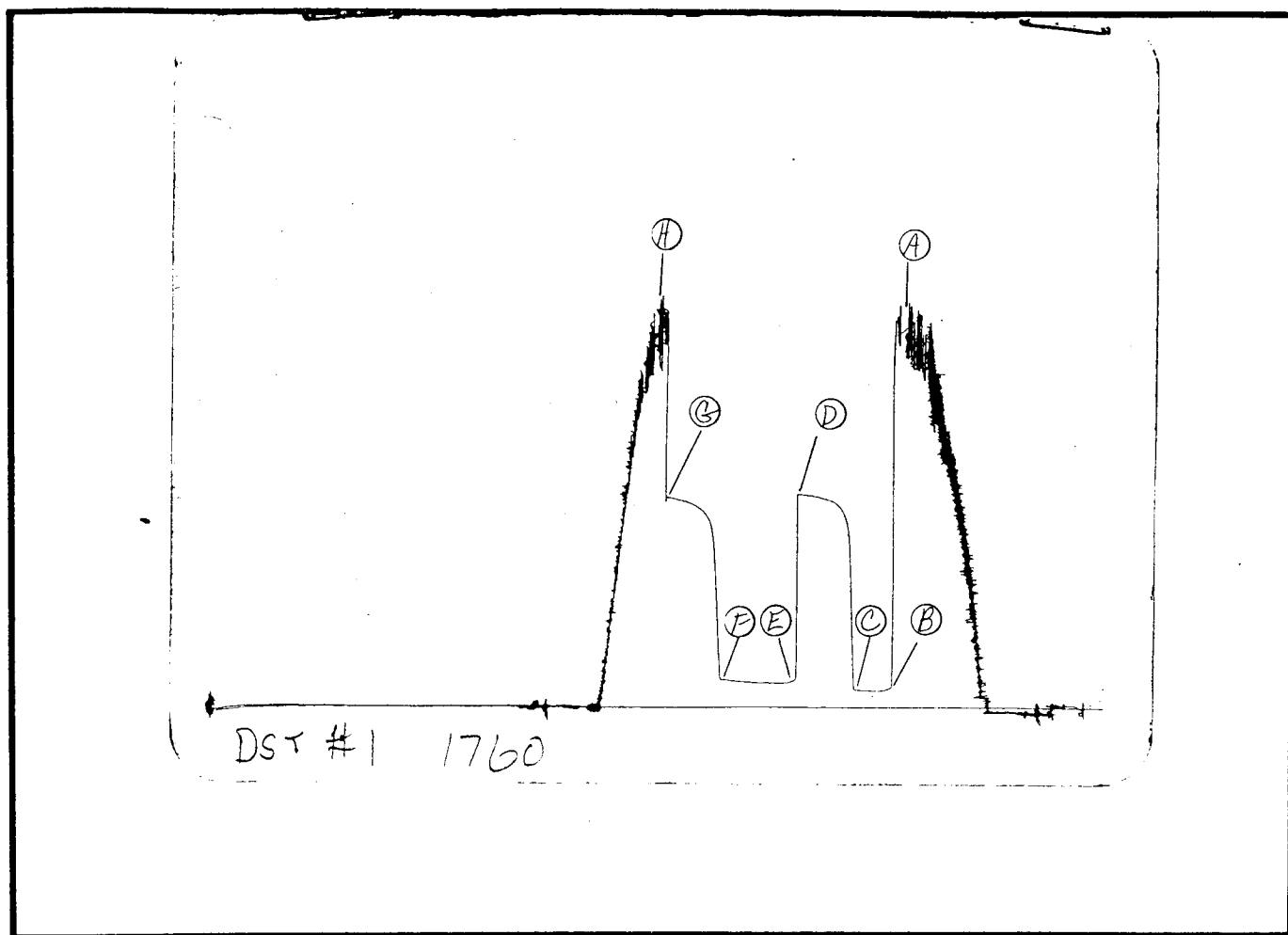
Blow MEDIUM

Remarks 1ST BLOW 5" DEEP IN BUCKET.

2ND BLOW 3" DEEP 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	187.8	PSI
(B) First Initial Flow Pressure	98	PSI
(C) First Final Flow Pressure	127	PSI
(D) Initial Closed-in Pressure	1029	PSI
(E) Second Initial Flow Pressure	147	PSI
(F) Second Final Flow Pressure	167	PSI
(G) Final Closed-in Pressure	1029	PSI
(H) Final Hydrostatic Mud	185.8	PSI

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DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	2
Well Name & Number	Schenk #1	Zone Tested	K.C.
Company Address	Wichita, Ks.	Date	8-6-81
Comp. Rep.	Bill Darrow	Tester	Jim Kauff
Contractor	Bergman Drlg. Co.	Elevation	1959 KB
Location: Sec. 24 Twp. 17s Rge. 15w Co. Barton State Ks.		Est. Feet of Pay	

Recorder No. 13371 Type AK-1 Range 3900 PSI

Recorder Depth 3397

(A) Initial Hydrostatic Mud 1907 PSI

(B) First Initial Flow Pressure 68 PSI

(C) First Final Flow Pressure 68 PSI

(D) Initial Closed-in Pressure 127 PSI

(E) Second Initial Flow Pressure 68 PSI

(F) Second Final Flow Pressure 68 PSI

(G) Final Closed-in Pressure 127 PSI

(H) Final Hydrostatic Mud 1888 PSI

Temperature 105

Mud Weight 10.0 Viscosity 43

Fluid Loss 11.8

Interval Tested 3367-3403

Anchor Length 36'

Top Packer Depth 3362

Bottom Packer Depth 3367

Total Depth 3403

Drill Pipe Size 4 1/2 H.D.

Wt. Pipe I. D. 2.7 Ft. Run 411

Recovery—Total Feet 50

Recovered 50 Feet Of SLIGHTLY OIL CUT MUD. 10% OIL 90% MUD.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment NONE. Price of Job \$650.00

Recorder No. 1760 Type AK-1 Range 3500 PSI

Recorder Depth 3400

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"

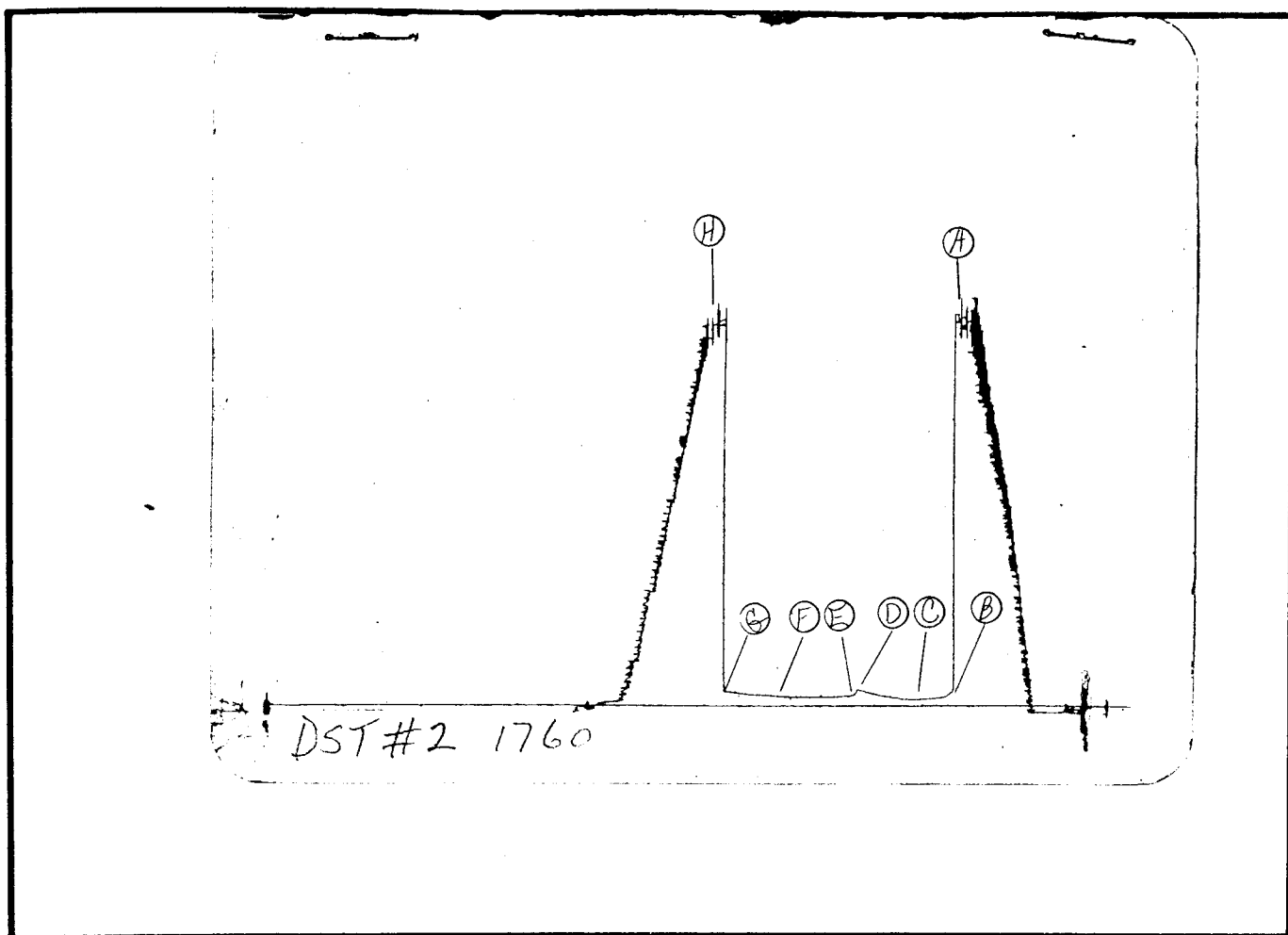
Tool Open @ 11:00 P.M.

Blow WEAK

Remarks 1ST OPEN 1" DEEP IN BUCKET.

2ND OPEN 2" DEEP IN BUCKET.

Drill Collar I. D. Ft. Run



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1907	PSI
(B) First Initial Flow Pressure	68	PSI
(C) First Final Flow Pressure	68	PSI
(D) Initial Closed-in Pressure	127	PSI
(E) Second Initial Flow Pressure	68	PSI
(F) Second Final Flow Pressure	68	PSI
(G) Final Closed-in Pressure	127	PSI
(H) Final Hydrostatic Mud	1888	PSI

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DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	3
Well Name & Number	Schenk #1	Zone Tested	
Company Address	Wichita, Ks.	Date	8-8-81
Comp. Rep.	Raul Brito	Tester	Jim Kauff
Contractor	Bergman Drlg. Co.	Elevation	1959 KB
Location: Sec. 24 Twp. 17s Rge. 15w Co. Barton State Ks.		Est. Feet of Pay	

Recorder No. 13371 Type AK-1 Range 3900 PSI

Recorder Depth 3466

(A) Initial Hydrostatic Mud 1956 PSI

(B) First Initial Flow Pressure 68 PSI

(C) First Final Flow Pressure 68 PSI

(D) Initial Closed-in Pressure 88 PSI

(E) Second Initial Flow Pressure 68 PSI

(F) Second Final Flow Pressure 68 PSI

(G) Final Closed-in Pressure 78 PSI

(H) Final Hydrostatic Mud 1947 PSI

Temperature 121

Mud Weight 9.8 Viscosity 44

Fluid Loss 10

Interval Tested 3448-3471

Anchor Length 23'

Top Packer Depth 3448

Bottom Packer Depth 3471

Total Depth 3540

Drill Pipe Size 4½ H.D.

Wt. Pipe I. D. 2.7 Ft. Run 411

Recovery—Total Feet 20

Recovered 20 Feet Of MUD.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment STRADDLE, JARS, SAFETY JOINT, EXTRA PACKER. Price of Job \$1415.00

Recorder No. 1760 Type AK-1 Range 3500 PSI

Recorder Depth 3469

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 ¾"

Main Hole Size 7⅞"

Rubber Size 6¾"

Tool Open @ 8:10 P.M.

Blow WEAK.

Remarks 1ST OPEN WEAK DYING BLOW 2" DEEP
IN BUCKET.

2ND OPEN NO BLOW.

Drill Collar I. D. Ft. Run

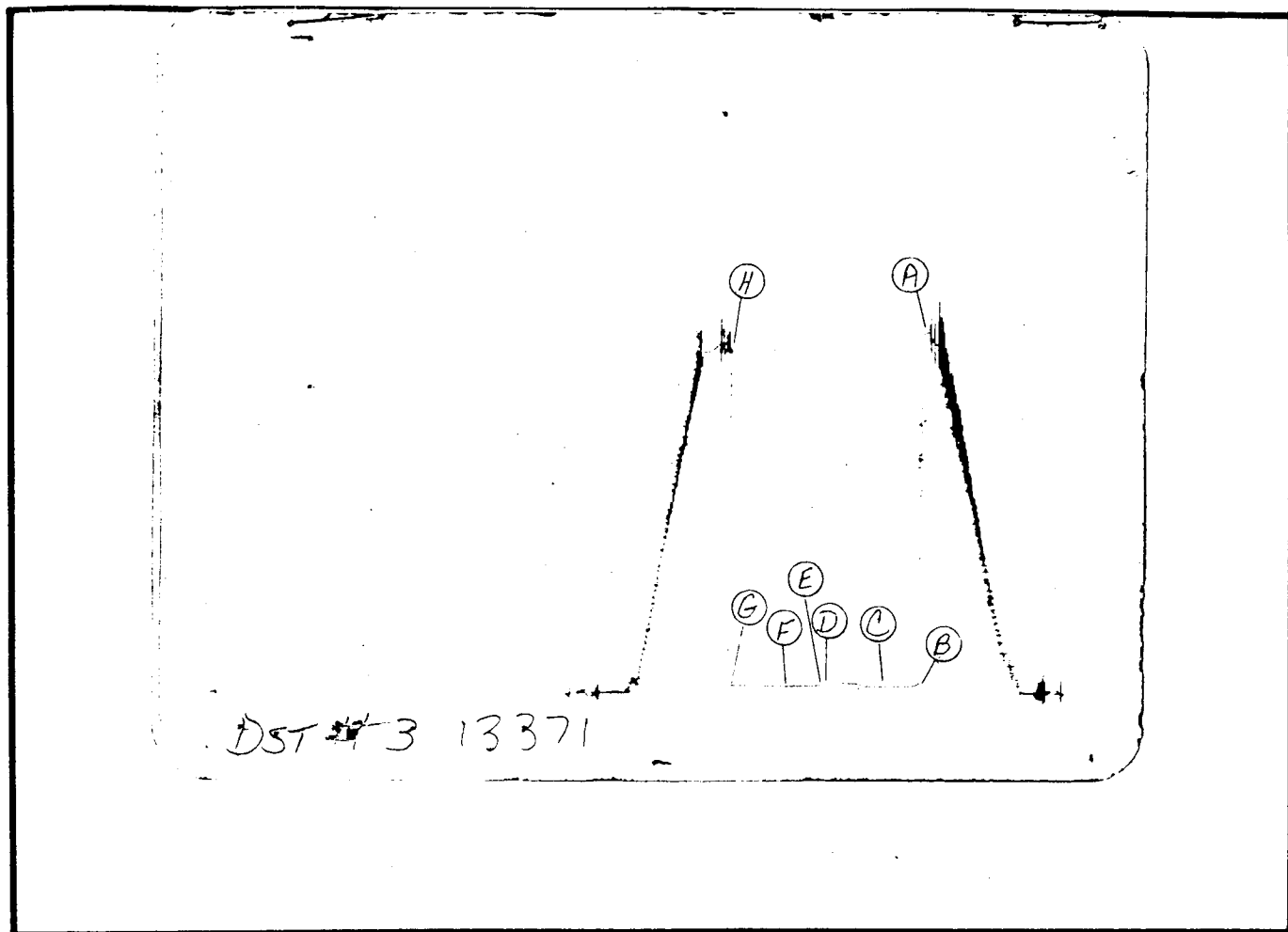
DST- \$ 650.00

STRADDLE- \$ 300.00

BOWEN JARS- \$ 300.00

EXTRA PACKER- \$ 125.00

SAFETY JOINT- \$ 40.00



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POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1956	PSI
(B) First Initial Flow Pressure	68	PSI
(C) First Final Flow Pressure	68	PSI
(D) Initial Closed-in Pressure	88	PSI
(E) Second Initial Flow Pressure	68	PSI
(F) Second Final Flow Pressure	69	PSI
(G) Final Closed-in Pressure	78	PSI
(H) Final Hydrostatic Mud	1947	PSI