CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

10-7S-19W

DRILL-STEM TEST DATA 15-163-20894

Company	Abercrombie Drlg. Inc.	Test No.	1
Well Name & Number	Graham #1	Zone Tested	KC
Company Address	Wichita, KS	Date	2-22-79
Comp. Rep.	Bill Darrow	Tester	KennethCheney
Contractor	Co. Tools	Elevation	1967 KB
Location: Sec. 10 Twp. 7s Rge. 19w Co. Rooks State KS		Est. Feet of Pay	4

Recorder No. 7456 Type A K-1 Range 4200 PSI

Recorder Depth 3112

(A) Initial Hydrostatic Mud 1600 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 30 PSI

(D) Initial Closed-in Pressure 1020 PSI

(E) Second Initial Flow Pressure 41 PSI

(F) Second Final Flow Pressure 61 PSI

(G) Final Closed-in Pressure 938 PSI

(H) Final Hydrostatic Mud 1600 PSI

Temperature 100

Mud Weight 9.8 Viscosity 40

Fluid Loss 8.0

Interval Tested 3093-3120

Anchor Length 27

Top Packer Depth 3088

Bottom Packer Depth 3093

Total Depth 3120

Drill Pipe Size 4½ Xh

Wt. Pipe I. D. 3.25 Ft. Run 625

Recovery—Total Feet 150

Recovered 150 Feet Of Muddy water

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 3695 Type AK-1 Range 5300 PSI

Recorder Depth 3115

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 @ 8:30 PM

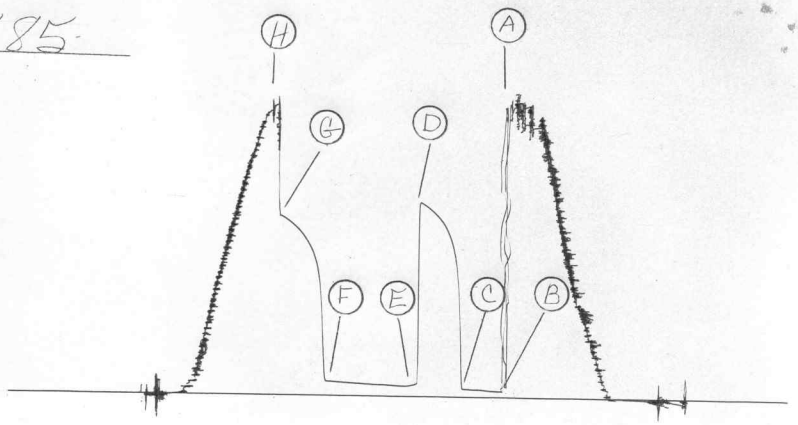
Blow Fair thru-out

Remarks

Drill Collar I. D. Ft. Run

Price of Job $440.00

Tk # 1585



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

10-7S-19W

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Co. Inc.	Test No.	2
Well Name & Number	Graham #1	Zone Tested	Toronto
Company Address	Wichita, Ks.	Date	2-23-79
Comp. Rep.	Bill Darrow	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	1967 K.B.
Location: Sec. 10 Twp. 7S Rge. 19W Co. Rooks State Ks.		Est. Feet of Pay	

Recorder No. 3695 Type AK-1 Range 5300 PSI

Recorder Depth 3157

(A) Initial Hydrostatic Mud 1567 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 20 PSI

(E) Second Initial Flow Pressure 20 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 20 PSI

(H) Final Hydrostatic Mud 1557 PSI

Temperature 101

Mud Weight 9.4 Viscosity 38

Fluid Loss 10.0

Interval Tested 3130-3160

Anchor Length 30

Top Packer Depth 3125

Bottom Packer Depth 3130

Total Depth 3160

Drill Pipe Size 4½ Ex. H.

Wt. Pipe I. D. 2.7 Ft. Run 630

Recovery—Total Feet 10

Recovered 10 Feet Of mud.

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment none

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3154

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 @ 8:18 P.M.

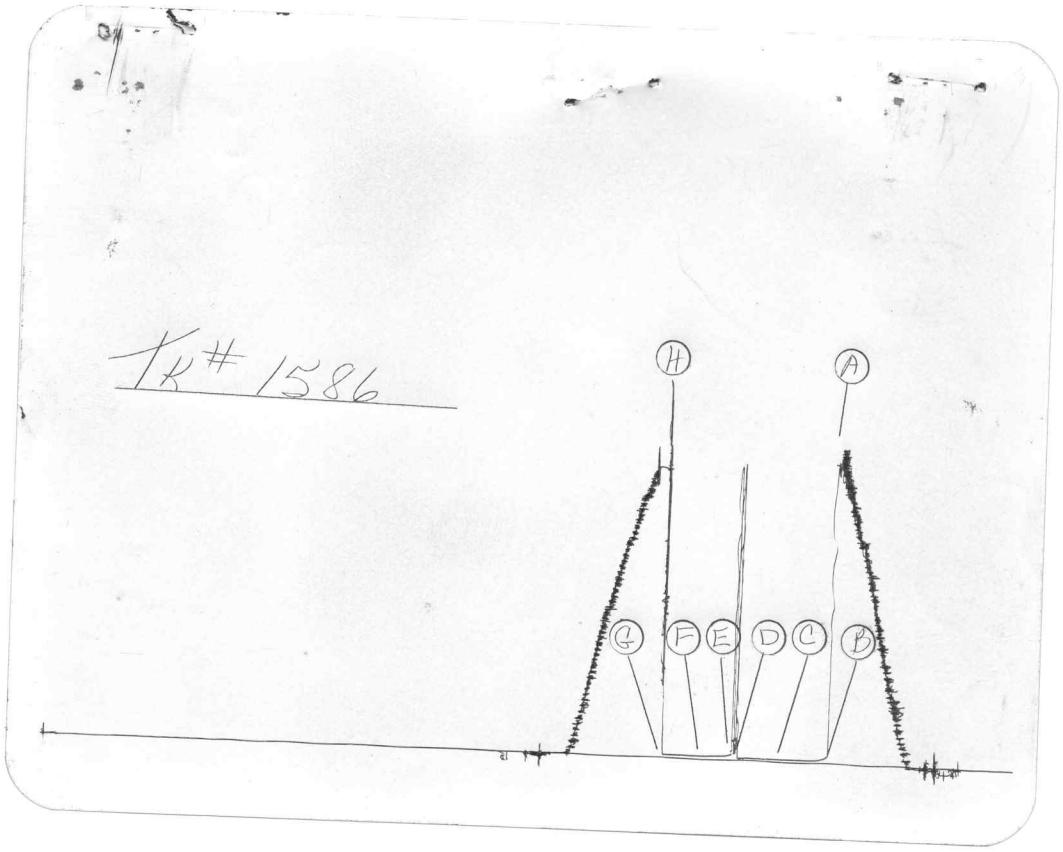
Blow Weak blow for 10 min. and died.

Remarks Flushed tool after 5 min. On 2nd open. No blow.

Drill Collar I. D. Ft. Run

Price of Job $440.00

TK# 1586



10-75-19W

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	3
Well Name & Number	Graham # 1	Zone Tested	Lansing
Company Address	Wichita, Kan.	Date	2-24-79
Comp. Rep.	Bill Darrow	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	1967 K.B.
Location: Sec. 10 Twp. 7S Rge. 19W Co. Rooks State Kan.		Est. Feet of Pay	

Recorder No. 3695 Type AK-1 Range 5300 PSI
Recorder Depth 3177
(A) Initial Hydrostatic Mud 1557 PSI
(B) First Initial Flow Pressure 40 PSI
(C) First Final Flow Pressure 40 PSI
(D) Initial Closed-in Pressure 92 PSI
(E) Second Initial Flow Pressure 51 PSI
(F) Second Final Flow Pressure 51 PSI
(G) Final Closed-in Pressure 61 PSI
(H) Final Hydrostatic Mud 1547 PSI
Temperature 102
Mud Weight 9.4 Viscosity 38
Fluid Loss 10.0 cc
Interval Tested 3130-3180
Anchor Length 50
Top Packer Depth 3125
Bottom Packer Depth 3130
Total Depth 3180
Drill Pipe Size 4½ EX.H.
Wt. Pipe I. D. 2.7 Ft. Run 630

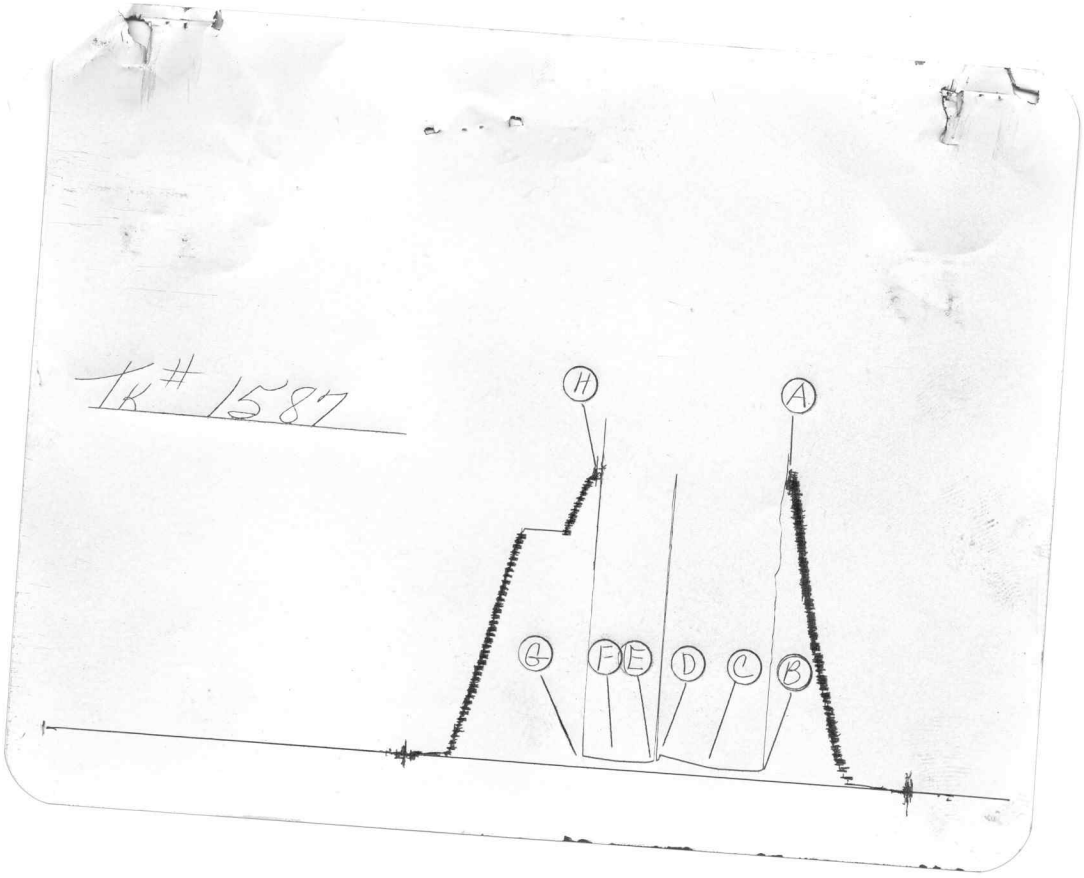
Recorder No. 7370 Type AK-1 Range 4050 PSI
Recorder Depth 3174
Tool Open Before I. S. I. 30 Mins.
Initial Shut-in 45 Mins.
Flow Period 30 Mins.
Final Shut-in 30 Mins.
Surface Choke Size 1"
Bottom Choke Size 3/4"
Main Hole Size 7 7/8"
Rubber Size 6 3/4"
Tool Open @ 9:27 A.M.
Blow Weak 2" blow decreased to ¼" in
Remarks 30 minutes. Dead on second open. Flushed tool after 5 minutes. No blow.

Drill Collar I. D. ____ Ft. Run ____

Recovery—Total Feet 30
Recovered 30 Feet Of Mud
Recovered ____ Feet Of
Recovered ____ Feet Of
Recovered ____ Feet Of

Extra Equipment ____ Price of Job $440.00

TK # 1587



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

10-7S-19W

Company	Abercrombie Drlg. Inc.	Test No.	4
Well Name & Number	Graham # 1	Zone Tested	K.C.
Company Address	Wichita, Kan.	Date	2-25-79
Comp. Rep.	Bill Darrow	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	1967 K.B.
Location: Sec. 10 Twp. 7S Rge. 19W Co. Rooks State Kan.		Est. Feet of Pay	

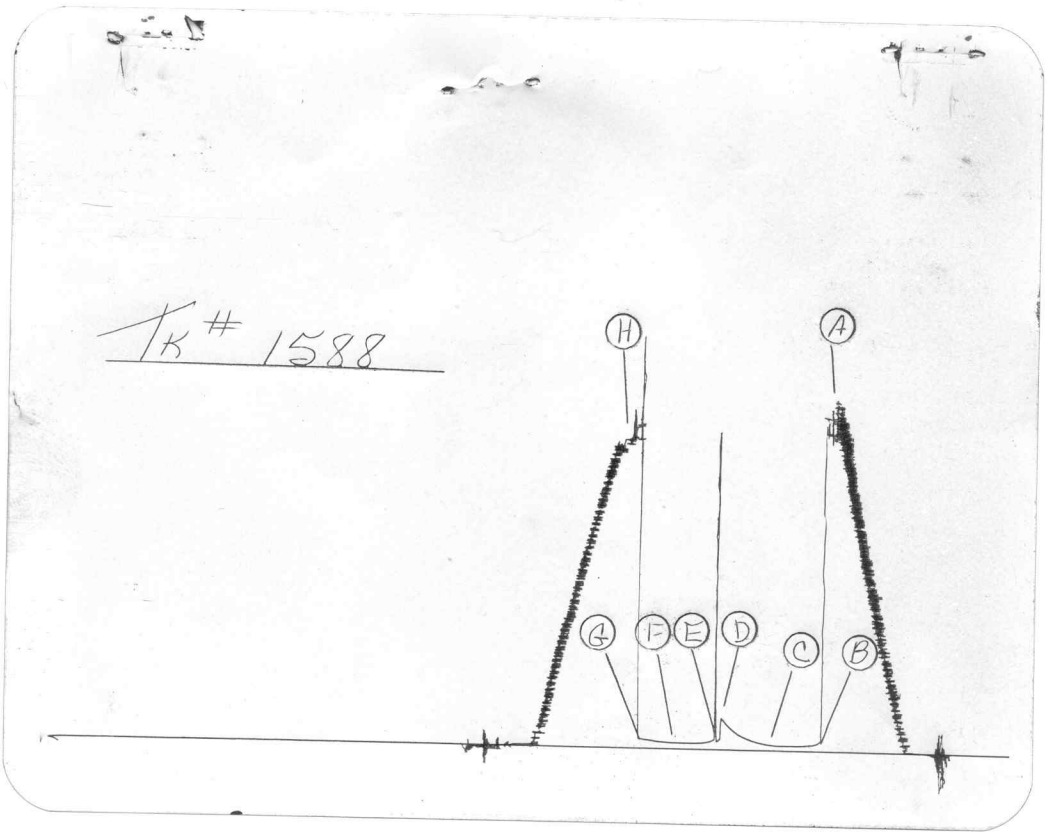
Recorder No. 3695 Type AK-1 Range 5300 PSI
Recorder Depth 3341
(A) Initial Hydrostatic Mud 1629 PSI
(B) First Initial Flow Pressure 20 PSI
(C) First Final Flow Pressure 20 PSI
(D) Initial Closed-in Pressure 153 PSI
(E) Second Initial Flow Pressure 30 PSI
(F) Second Final Flow Pressure 30 PSI
(G) Final Closed-in Pressure 41 PSI
(H) Final Hydrostatic Mud 1619 PSI
Temperature 103
Mud Weight 9.6 Viscosity 41
Fluid Loss 10.0 cc
Interval Tested 3307-3344
Anchor Length 37
Top Packer Depth 3302
Bottom Packer Depth 3307
Total Depth 3344
Drill Pipe Size 4½ EX.H.
Wt. Pipe I. D. 2.7 Ft. Run 630
Recovery—Total Feet 20

Recorder No. 7370 Type AK-1 Range 4050 PSI
Recorder Depth 3338
Tool Open Before I. S. I. 30 Mins.
Initial Shut-in 45 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 @ 5:25 P.M.
Blow Weak for 10 min. & died.
Remarks Flushed tool after 5 min. on second open, No blow.
Drill Collar I. D. Ft. Run

Recovered 20 Feet Of Oil Cut Mud 10% Oil
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of

Extra Equipment None Price of Job $440.00

TK # 1588



CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

10-7S-19W

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	5
Well Name & Number	Graham # 1	Zone Tested	K.C.
Company Address	Wichita, Kan.	Date	2-26-79
Comp. Rep.	Bill Darrow	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	1967 K.B.
Location: Sec. 10 Twp. 7S Rge. 19W Co. Rooks State Kan.		Est. Feet of Pay	

Recorder No. 3695 Type AK-1 Range 5300 PSI
Recorder Depth 3385
(A) Initial Hydrostatic Mud 1639 PSI
(B) First Initial Flow Pressure 30 PSI
(C) First Final Flow Pressure 30 PSI
(D) Initial Closed-in Pressure 489 PSI
(E) Second Initial Flow Pressure 40 PSI
(F) Second Final Flow Pressure 40 PSI
(G) Final Closed-in Pressure 326 PSI
(H) Final Hydrostatic Mud 1629 PSI
Temperature 104
Mud Weight 9.6 Viscosity 47
Fluid Loss 9.0 cc
Interval Tested 3342-3388
Anchor Length 46
Top Packer Depth 3337
Bottom Packer Depth 3342
Total Depth 3388
Drill Pipe Size 4½ EX.H.
Wt. Pipe I. D. 2.7 Ft. Run 630
Recovery—Total Feet 10
Recovered 10 Feet Of Oil specked mud.
Recovered Feet Of
Recovered Feet Of
Recovered Feet Of
Extra Equipment None

Recorder No. 7370 Type AK-1 Range 4050 PSI
Recorder Depth 3382
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 @ 10:30 A.M.
Blow ~~Weak for 10 minutes. Dead on second~~
Remarks open, flushed tool after 5 min., No blow.
Drill Collar I. D. Ft. Run
Price of Job $440.00

TK # 1589

