

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	Daisy #1	Zone Tested	K.C.
Company Address	801 Union Center, Wichita, Kan.	Date	11-6-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Company Tools	Elevation	2349 K.B.
Location: Sec. 1 Twp. 8S Rge. 24W Co. Graham State Kan.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3660

(A) Initial Hydrostatic Mud 1803 PSI

(B) First Initial Flow Pressure 30 PSI

(C) First Final Flow Pressure 51 PSI

(D) Initial Closed-in Pressure 500 PSI

(E) Second Initial Flow Pressure 81 PSI

(F) Second Final Flow Pressure 173 PSI

(G) Final Closed-in Pressure 475 PSI

(H) Final Hydrostatic Mud 1793 PSI

Temperature 106°

Mud Weight 9.4 Viscosity 40

Fluid Loss 10.0 cc

Interval Tested 3632-3667

Anchor Length 35'

Top Packer Depth 3627

Bottom Packer Depth 3632

Total Depth 3667

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.7 Ft. Run 718

Recovery—Total Feet 378 Fluid

Recovered 315 Feet Of Gas in Pipe

Recovered 360 Feet Of Clean Oil

Recovered 18 Feet Of Thin Wrtty Mud

Recovered Feet Of

Extra Equipment

Recorder No. 7356 Type Kuster Range 4150 PSI

Recorder Depth 3663

Tool Open Before I. S. I. 15 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 @ 12:45 A.M.

Blow Good through out.

Remarks

Drill Collar I. D. Ft. Run

Price of Job \$380.00

CHENEY TESTING COMPANY

Pressure Data

Date. 11-6-77

Test Ticket No. 640

Recorder No. 7370

Capacity 4050

Location 3660 Ft.

Clock No. _____ Elevation 2349 K.B.

Well Temperature 106 °F

Point	Pressure
A Initial Hydrostatic Mud	1834 P.S.I.
B First Initial Flow Pressure	30 P.S.I.
C First Final Flow Pressure	55 P.S.I.
D Initial Closed-in Pressure	500 P.S.I.
E Second Initial Flow Pressure	81 P.S.I.
F Second Final Flow Pressure	173 P.S.I.
G Final Closed-in Pressure	477 P.S.I.
H Final Hydrostatic Mud	1770 P.S.I.

	Time Given	Time Computed
Open Tool	12:45 A.	M
First Flow Pressure	15	Mins. Mins.
Initial Closed-in Pressure	45	Mins. Mins.
Second Flow Pressure	60	Mins. Mins.
Final Closed-in Pressure	45	Mins. Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of Min.

Initial Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of Min.

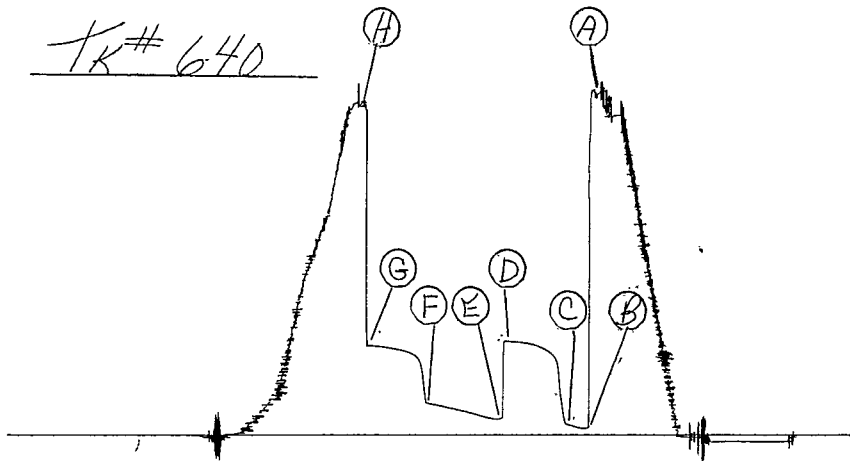
Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of Min.

Final Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of Min.

Point Mins.	Press.
P 1 0	30
P 2 5	35
P 3 10	44
P 4 15	55
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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TK# 640



CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company Abercrombie Drlg. Inc.	Test No. 2
Well Name & Number Daisy #1	Zone Tested K.C.
Company Address 801 Union Center, Wichita, Kan.	Date 11-6-77
Comp. Rep. Greg Cheney	Tester Kenneth Cheney
Contractor Company Tools	Elevation 2349 K.B.
Location: Sec. 1 Twp. 8S Rge. 24W Co. Graham State Kan.	Est. Feet of Pay

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3694

(A) Initial Hydrostatic Mud 1885 PSI

(B) First Initial Flow Pressure 30 PSI

(C) First Final Flow Pressure 40 PSI

(D) Initial Closed-in Pressure 1131 PSI

(E) Second Initial Flow Pressure 71 PSI

(F) Second Final Flow Pressure 173 PSI

(G) Final Closed-in Pressure 1111 PSI

(H) Final Hydrostatic Mud 1870 PSI

Temperature 110°

Mud Weight 9.4 Viscosity 40

Fluid Loss 7.4 cc

Interval Tested 3673-3701

Anchor Length 28'

Top Packer Depth 3668

Bottom Packer Depth 3673

Total Depth 3701

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.7 Ft. Run 718

Recovery—Total Feet 345

Recovered 345 Feet Of Mdy Water

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. 7356 Type Kuster Range 4150 PSI

Recorder Depth 3697

Tool Open Before I. S. I. 15 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 @ 2:20 P.M.

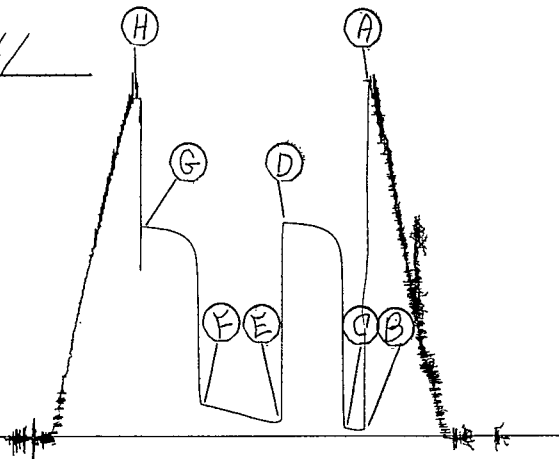
Blow Good through out.

Remarks

Drill Collar I. D. Ft. Run

Price of Job \$380.00

TK# 641



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	Daisy #1	Zone Tested	K.C.
Company Address	801 Union Center, Wichita, Kan.	Date	11-7-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Company Tools	Elevation	2349 K.B.
Location: Sec. 1 Twp. 8S Rge. 24W Co. Graham State Kan.		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3740

(A) Initial Hydrostatic Mud 1915 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 1131 PSI

(E) Second Initial Flow Pressure 25 PSI

(F) Second Final Flow Pressure 30 PSI

(G) Final Closed-in Pressure 1060 PSI

(H) Final Hydrostatic Mud 1885 PSI

Temperature 110°

Mud Weight 9.4 Viscosity 40

Fluid Loss 7.4 cc

Interval Tested 3719-3745

Anchor Length 26'

Top Packer Depth 3714

Bottom Packer Depth 3719

Total Depth 3745

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.7 Ft. Run 718

Recovery—Total Feet 20

Recovered 20 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3742

Tool Open Before I. S. I. 15 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 @ 4:50 A.M.

Blow Weak for 30 minutes.

Remarks

Drill Collar I. D. Ft. Run

Price of Job \$380.00

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HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	4
Well Name & Number	Daisy #1	Zone Tested	K.C.
Company Address	801 Union Center; Wichita, KS	Date	11-7-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Co. Tools	Elevation	2349 KB
Location: Sec. 1 Twp. 8S Rge. 24 W Co. Graham State KS		Est. Feet of Pay	6

Recorder No. 7370 Type Kustr Range 4050 PSI

Recorder Depth 3770

(A) Initial Hydrostatic Mud 1880 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 88 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 1870 PSI

Temperature 109

Mud Weight 9.4 Viscosity 42

Fluid Loss 7.4

Interval Tested 3748-3778

Anchor Length 30

Top Packer Depth 3743

Bottom Packer Depth 3748

Total Depth 3778

Drill Pipe Size 4" Fh

Wt. Pipe I. D. 2.7 Ft. Run 718

Recovery—Total Feet 5

Recovered 5 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3773

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 @ 7:30 P.M.

Blow Weak for 20 min.

Remarks Both clock stop. Could not see any

double line indicating shut-in--pressure

on F.S.I.P. Test is OK.

Can see double line on I.S.I.P.

Drill Collar I. D. Ft. Run

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P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	5
Well Name & Number	Daisy #1	Zone Tested	K.C.
Company Address	801 Union Center; Wichita, KS	Date	11-8-77
Comp. Rep.	Greg Cheney	Tester	Kenneth Cheney
Contractor	Co. Tools	Elevation	2349 KB
Location: Sec. 1 Twp. 8 Rge. 24 Co. Graham State KS		Est. Feet of Pay	5

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3792

(A) Initial Hydrostatic Mud 1870 PSI

(B) First Initial Flow Pressure 15 PSI

(C) First Final Flow Pressure 15 PSI

(D) Initial Closed-in Pressure 15 PSI

(E) Second Initial Flow Pressure 15 PSI

(F) Second Final Flow Pressure 15 PSI

(G) Final Closed-in Pressure 15 PSI

(H) Final Hydrostatic Mud 1860 PSI

Temperature 111

Mud Weight 9.4 Viscosity 43

Fluid Loss 7.4

Interval Tested 3780-3800

Anchor Length 20

Top Packer Depth 3775

Bottom Packer Depth 3780

Total Depth 3800

Drill Pipe Size 4" Fh

Wt. Pipe I. D. 2.7 Ft. Run 718

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 \$380.00

Recorder No. 7456 Type Kuster Range 4150 PSI

Recorder Depth 3795

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 @ 8:10 A.M.

Blow Weak for 10 min.

Remarks

Drill Collar I. D. Ft. Run

TK# 644

