

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Co. Inc.	Test No.	1
Well Name & Number	Voss #1	Zone Tested	Lansing
Company Address	Wichita	Date	5-27-77
Comp. Rep.	Greg Cheney	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2142 K.B.
Location: Sec. 10 Twp. 5 S Rge. 22 W Co. Norton State KS		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3312

(A) Initial Hydrostatic Mud 1752 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 30 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 1741 PSI

Temperature 103

Mud Weight 9.8 Viscosity 42

Fluid Loss 11.2

Interval Tested 3291-3315

Anchor Length 24'

Top Packer Depth 3286

Bottom Packer Depth 3291

Total Depth 3315

Drill Pipe Size 4" F.H.

Wt. Pipe I. D. 2.7 Ft. Run 751

Recovery—Total Feet 5

Recovered 5 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 3309

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 @ 5:00 P.M.

Blow Weak for 5 min. & died.

Remarks Dead on second opening.

Drill Collar I. D. Ft. Run

Price of Job \$380.00

10-55-22W

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DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Co. Inc.	Test No.	2
Well Name & Number	Voss #1	Zone Tested	K.C.
Company Address	Wichita, KS	Date	5-28-77
Comp. Rep.	Greg Cheney	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2142 K.B.
Location: Sec. 10 Twp. 5 S Rge. 22 W Co. Norton State KS		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3369

(A) Initial Hydrostatic Mud 1793 PSI

(B) First Initial Flow Pressure 51 PSI

(C) First Final Flow Pressure 112 PSI

(D) Initial Closed-in Pressure 1232 PSI

(E) Second Initial Flow Pressure 142 PSI

(F) Second Final Flow Pressure 357 PSI

(G) Final Closed-in Pressure 1172 PSI

(H) Final Hydrostatic Mud 1782 PSI

Temperature 104

Mud Weight 9.8 Viscosity 42

Fluid Loss 11.2

Interval Tested 3336-3371

Anchor Length 35'

Top Packer Depth 3331

Bottom Packer Depth 3336

Total Depth 3371

Drill Pipe Size 4" F.h.

Wt. Pipe I. D. 2.25 Ft. Run 751

Recovery—Total Feet 781

Recovered 781 Feet Of Muddy water

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 3366

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 @ 8:05 A.M.

Blow Weak-Fair blow throughout.

Remarks 3-4" Deep

Drill Collar I. D. Ft. Run

Price of Job \$380.00

10-55-2020

TK# 838

H

A

G

D

F

E

C

B

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DRILL-STEM TEST DATA

Company	Abercrombie Drilling, Inc.	Test No.	3
Well Name & Number	Voss #1	Zone Tested	Reagan
Company Address	Wichita	Date	5-29-77
Comp. Rep.	Greg Cheney	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2142 K.B.
Location: Sec. 10 Twp. 5 S Rge. 22 W Co. Norton State KS		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3547

(A) Initial Hydrostatic Mud 1895 PSI

(B) First Initial Flow Pressure 20 PSI

(C) First Final Flow Pressure 20 PSI

(D) Initial Closed-in Pressure 816 PSI

(E) Second Initial Flow Pressure 20 PSI

(F) Second Final Flow Pressure 20 PSI

(G) Final Closed-in Pressure 775 PSI

(H) Final Hydrostatic Mud 1885 PSI

Temperature 105

Mud Weight 9.8 Viscosity 48

Fluid Loss 10.8

Interval Tested 3540-3550

Anchor Length 10'

Top Packer Depth 3535

Bottom Packer Depth 3540

Total Depth 3550

Drill Pipe Size 4" F.h.

Wt. Pipe I. D. 2.25 Ft. Run 751

Recovery—Total Feet 5

Recovered 5 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth Above Packer

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 @ 11:05 A.M.

Blow Weak for 5 min. & died.

Remarks Flushed tool after 20 min. on

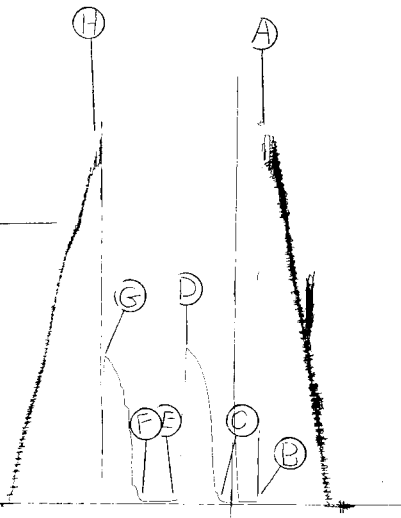
first open, no blow. Dead on second opening

Drill Collar I. D. Ft. Run

Price of Job \$380.00

10-55-22W

IK# 239



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DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	4
Well Name & Number	Voss #1	Zone Tested	Raigan
Company Address	Wichita, KS	Date	5-29-77
Comp. Rep.	Greg Cheney	Tester	Kirk Cheney
Contractor	Co. Tools	Elevation	2142 K.B.
Location: Sec. 10 Twp. 5 S Rge. 22 W Co. Norton State KS		Est. Feet of Pay	

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 3557

(A) Initial Hydrostatic Mud 1885 PSI

(B) First Initial Flow Pressure 459 PSI

(C) First Final Flow Pressure 795 PSI

(D) Initial Closed-in Pressure 1020 PSI

(E) Second Initial Flow Pressure 908 PSI

(F) Second Final Flow Pressure 1020 PSI

(G) Final Closed-in Pressure 1020 PSI

(H) Final Hydrostatic Mud 1875 PSI

Temperature 106

Mud Weight 9.8 Viscosity 43

Fluid Loss 12.0

Interval Tested 3541-3560

Anchor Length 19'

Top Packer Depth 3536

Bottom Packer Depth 3541

Total Depth 3560

Drill Pipe Size 4" F.h.

Wt. Pipe I. D. 2.25 Ft. Run 751

Recovery—Total Feet 2205

Recovered 2205 Feet Of Water

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 3554

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 @ 10:55 P.M.

Blow Very Strong blow, over 8", for 15

Remarks min. On second open blow went from 8", and decreased to 1" after 60 min.

Drill Collar I. D. Ft. Run

Price of Job \$380.00

10-55-22W

1960