

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	Hobbles #1	Zone Tested	K.c.
Company Address	801 Union Center	Date	8-21-77
Comp. Rep.	Orlin Phelps	Tester	James Ricketts
Contractor	Abercrombie Drlg. Inc.	Elevation	
Location: Sec. 1 Twp. 14 S Rge. 33W Co. Logan State Ks		Est. Feet of Pay	

Recorder No. 6730 Type Kuster Range 4200 PSI

Recorder Depth 3887

(A) Initial Hydrostatic Mud 1995 PSI

(B) First Initial Flow Pressure 43 PSI

(C) First Final Flow Pressure 75 PSI

(D) Initial Closed-in Pressure 1172 PSI

(E) Second Initial Flow Pressure 107 PSI

(F) Second Final Flow Pressure 247 PSI

(G) Final Closed-in Pressure 1099 PSI

(H) Final Hydrostatic Mud 1974 PSI

Temperature 112

Mud Weight 9.4 Viscosity 43

Fluid Loss 13.8

Interval Tested 3849-3890

Anchor Length 41'

Top Packer Depth 3884

Bottom Packer Depth 3849

Total Depth 3890

Drill Pipe Size 4 1/2 X hole

Wt. Pipe I. D. 3.25 Ft. Run 480

Recovery—Total Feet 440

Recovered 440 Feet Of MCW

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment NONE

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 3884

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 60 Mins.

Flow Period 90 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 2:30 P.M.

Blow Med.

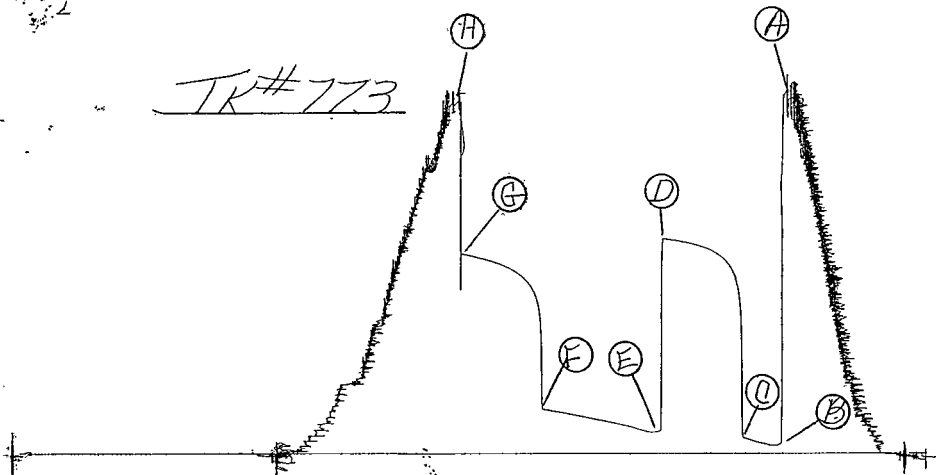
Remarks

D.S.T. Fl Chlorides 42000 PPM

Drill Collar I. D. 2.7 Ft. Run 3.17

Price of Job \$380.00

TK# 773



CHENEY TESTING COMPANY

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DRILL-STEM TEST DATA

Company	Abercrombie Drlg. Inc.	Test No.	2
Well Name & Number	Hobbles #1	Zone Tested	K.C. 160
Company Address	801 Union Center	Date	8-22-77
Comp. Rep.	Orlin Phelps	Tester	James Ricketts
Contractor	Co. Tools	Elevation	2827 K.B.
Location: Sec. 1 Twp. 14S Rge. 33 W Co. Logan State KS		Est. Feet of Pay	

Recorder No. 6730 Type Kuster Range 4200 PSI

Recorder Depth 4039

(A) Initial Hydrostatic Mud 2069 PSI

(B) First Initial Flow Pressure 21 PSI

(C) First Final Flow Pressure 32 PSI

(D) Initial Closed-in Pressure 1310 PSI

(E) Second Initial Flow Pressure 43 PSI

(F) Second Final Flow Pressure 75 PSI

(G) Final Closed-in Pressure 1299 PSI

(H) Final Hydrostatic Mud 2048 PSI

Temperature 104

Mud Weight 9.6 Viscosity 45

Fluid Loss 8.0

Interval Tested 4012-4042

Anchor Length 30'

Top Packer Depth 4007

Bottom Packer Depth 4012

Total Depth 4042

Drill Pipe Size 4 1/2 X hole

Wt. Pipe I. D. 3.25 Ft. Run 480

Recovery—Total Feet 125

Recovered 125 Feet Of SWCM

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 4036

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 60 Mins.

Flow Period 90 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 10:20

Blow Weak

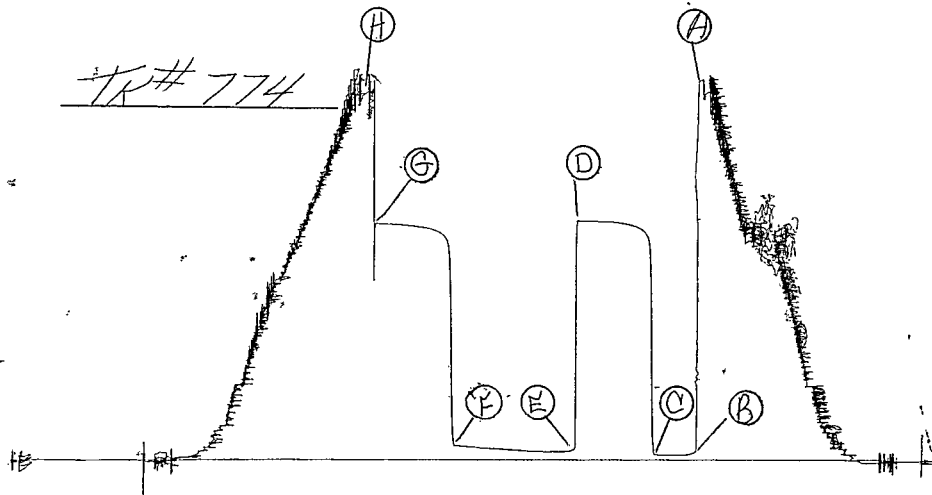
Remarks

DST Fl Chlorides 40,000 PPM

Drill Collar I. D. 2.7 Ft. Run 317

Price of Job \$415.00

TR# 774



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	Hobbles #1	Zone Tested	K.C. 200
Company Address	Wichita	Date	8-23-77
Comp. Rep.	Orlin Phelps	Tester	James Ricketts
Contractor	Co. Tools	Elevation	2827 K.B.
Location: Sec. 1 Twp. 14S Rge. 33 W Co. Logan	State KS	Est. Feet of Pay	

Recorder No. 6730 Type Kuster Range 4200 PSI

Recorder Depth 4077

(A) Initial Hydrostatic Mud 2122 PSI

(B) First Initial Flow Pressure 21 PSI

(C) First Final Flow Pressure 21 PSI

(D) Initial Closed-in Pressure 1289 PSI

(E) Second Initial Flow Pressure 21 PSI

(F) Second Final Flow Pressure 21 PSI

(G) Final Closed-in Pressure 1278 PSI

(H) Final Hydrostatic Mud 2101 PSI

Temperature False

Mud Weight 9.5 Viscosity 42

Fluid Loss 8.8

Interval Tested 4063.5-4080

Anchor Length 16.5

Top Packer Depth 4058.5

Bottom Packer Depth 4063.5

Total Depth 4080

Drill Pipe Size 4 1/2 X hole

Wt. Pipe I. D. 3.25 Ft. Run 480

Recovery—Total Feet 40

Recovered 40 Feet Of SWCM

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 1760 Type Kuster Range 3500 PSI

Recorder Depth 4074

Tool Open Before I. S. I. 30 Mins.

Initial Shut-in 60 Mins.

Flow Period 30 Mins.

Final Shut-in 60 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 4:40 P.M.

Blow Weak

Remarks No blow final flow flush tool

No help

DST F1 Chlorides 43,000 PPM

Drill Collar I. D. 2.7 Ft. Run 317

Price of Job \$415.00

Tr# 775

