

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	A.L. Abercrombie Inc.	Test No.	1
Well Name & Number	Strecker A-1	Zone Tested	Fort Scott
Company Address	801 Union Center, Wichita	Date	1-21-78
Comp. Rep.	Jerry Langrehr	Tester	Kenneth Cheney
Contractor	Co. Tools	Elevation	2183 K.B.
Location: Sec. 6	Twp. 19s	Rge. 21w	Co. Ness
		State	KS
		Est. Feet of Pay	

Recorder No. 7370 Type kuster Range 4050 PSI

Recorder Depth 4215

(A) Initial Hydrostatic Mud 2140 PSI

(B) First Initial Flow Pressure 40 PSI

(C) First Final Flow Pressure 40 PSI

(D) Initial Closed-in Pressure 714 PSI

(E) Second Initial Flow Pressure 46 PSI

(F) Second Final Flow Pressure 51 PSI

(G) Final Closed-in Pressure 693 PSI

(H) Final Hydrostatic Mud 2191 PSI

Temperature

Mud Weight 9.5 Viscosity 48

Fluid Loss 13.6

Interval Tested 4163-4220

Anchor Length 57'

Top Packer Depth 4158

Bottom Packer Depth 4163

Total Depth 4220

Drill Pipe Size 4 1/2 Fh

Wt. Pipe I. D. 2.7 Ft. Run 810

Recovery—Total Feet

Recovered 475 Feet Of Gas in pipe

Recovered 10 Feet Of Clean oil

Recovered 70 Feet Of Oil & Gas cut mud

Recovered Feet Of

Extra Equipment None

Recorder No. 7456 Type kuster Range 4200 PSI

Recorder Depth 4218

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 @ 8:05 A.M.

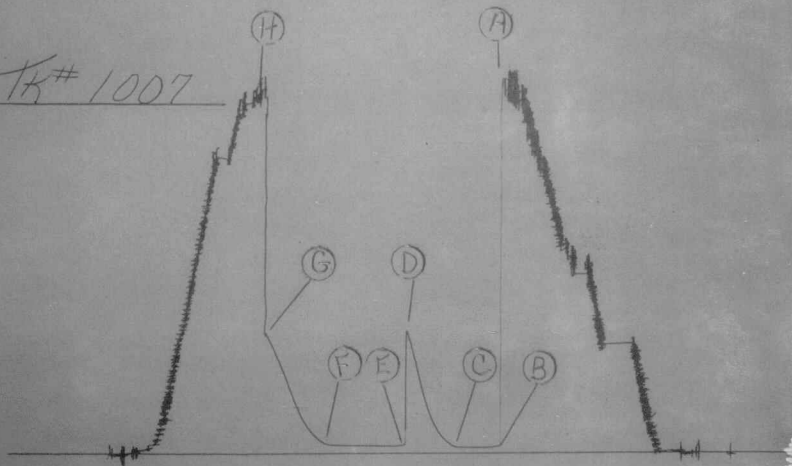
Blow Weak to good

Remarks

Drill Collar I. D. Ft. Run

Price of Job \$440.00

TK# 1007



CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>A.L. Abercrombie Inc.</u>	Test No. <u>2</u>
Well Name & Number <u>Strecker A-1</u>	Zone Tested <u>Miss.</u>
Company Address <u>801 Union Center; Wichita</u>	Date <u>1-22-78</u>
Comp. Rep. <u>Jerry Langrehr</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Co. Tools</u>	Elevation <u>2183 K.B.</u>
Location: Sec. <u>6</u> Twp. <u>19s</u> Rge. <u>21w</u> Co. <u>Ness</u> State <u>Ks</u>	Est. Feet of Pay <u>10</u>

Recorder No. 7370 Type kuster Range 4050 PSI

Recorder Depth 4290

(A) Initial Hydrostatic Mud 2150 PSI

(B) First Initial Flow Pressure PSI

(C) First Final Flow Pressure PSI

(D) Initial Closed-in Pressure 1364 PSI

(E) Second Initial Flow Pressure PSI

(F) Second Final Flow Pressure PSI

(G) Final Closed-in Pressure 1364 PSI

(H) Final Hydrostatic Mud 2100 PSI

Temperature

Mud Weight 10.0 Viscosity 45

Fluid Loss 10.9

Interval Tested 4285-4295

Anchor Length 10

Top Packer Depth 4280

Bottom Packer Depth 4285

Total Depth 4295

Drill Pipe Size 4 1/2 Fh

Wt. Pipe I. D. 2.7 Ft. Run 810

Recovery—Total Feet 30

Recovered 30 Feet Of Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 7456 Type Kuster Range 4200 PSI

Recorder Depth 4270

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 3/4"

Main Hole Size 7 7/8"

Rubber Size 6 3/4"

Tool Open @ 3:50 A.M.

Blow Weak for 15 min.

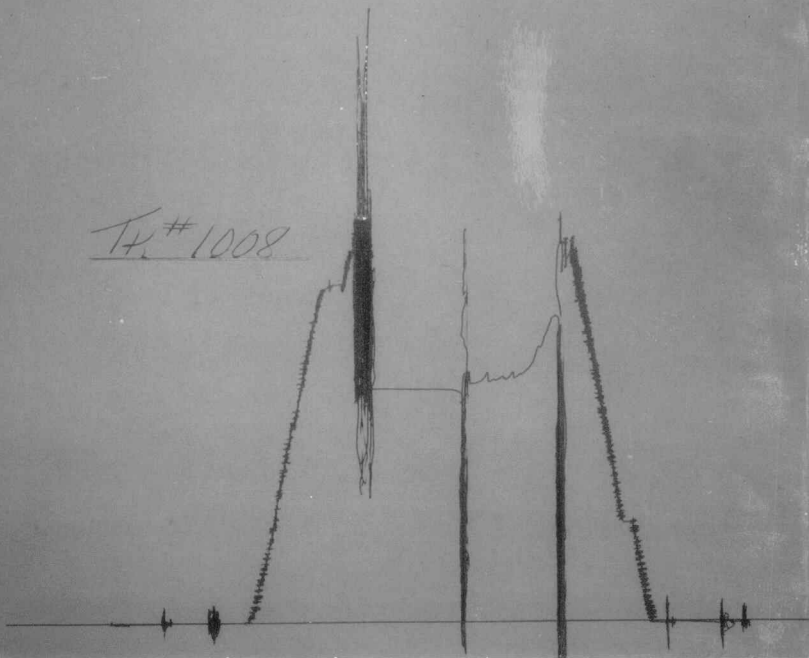
Remarks Flush tool on FFP

TOOL PLUG MIS-RUN

Drill Collar I. D. Ft. Run

Price of Job \$175.00

TK #1008



CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>A.L Abercrombie Inc.</u>	Test No. <u>3</u>
Well Name & Number <u>Strecker A-1</u>	Zone Tested <u>Miss.</u>
Company Address <u>801 Union Center; Wichita</u>	Date <u>1-22-78</u>
Comp. Rep. <u>Jerry Langrehr</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Co. Tools</u>	Elevation <u>2183 K.B.</u>
Location: Sec. 6 Twp. 19s Rge. 21w Co. Ness State <u>KS</u>	Est. Feet of Pay _____

Recorder No. 7370 Type kuster Range 4050 PSI

Recorder Depth 4290

(A) Initial Hydrostatic Mud _____ PSI

(B) First Initial Flow Pressure _____ PSI

(C) First Final Flow Pressure _____ PSI

(D) Initial Closed-in Pressure _____ PSI

(E) Second Initial Flow Pressure _____ PSI

(F) Second Final Flow Pressure _____ PSI

(G) Final Closed-in Pressure _____ PSI

(H) Final Hydrostatic Mud _____ PSI

Temperature _____

Mud Weight 10.0 Viscosity 45

Fluid Loss 11.1

Interval Tested 4273-4295

Anchor Length 22

Top Packer Depth 4268

Bottom Packer Depth 4273

Total Depth 4295

Drill Pipe Size 4 1/2" Fh

Wt. Pipe I. D. 2.7 Ft. Run 810

Recovery—Total Feet _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment None

Recorder No. 7456 Type kuster Range 4200 PSI

Recorder Depth 4293

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

Initial Shut-in 20 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 @ 11:40 A.M.

Blow Weak died in 5 min. Flush tool 3 time

Remarks on IFP

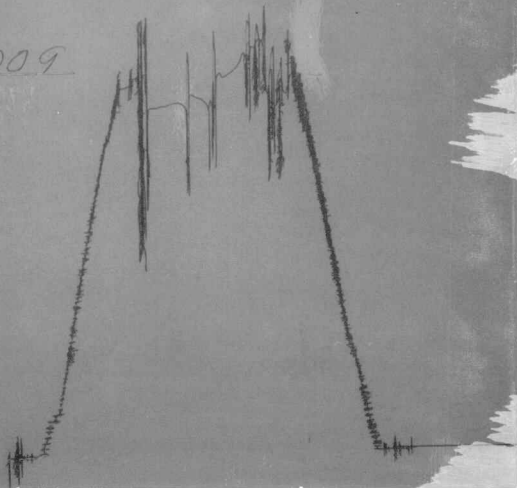
Flush 3 times on FFP 10' of caving.

Tool plug mis-run

Drill Collar I. D. _____ Ft. Run _____

Price of Job \$175.00

TK # 1009



CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>A.L. Abercrombie Inc.</u>	Test No. <u>4</u>
Well Name & Number <u>Strecker A-1</u>	Zone Tested <u>Miss.</u>
Company Address <u>801 UnionCenter;/Wichita</u>	Date <u>1-23-78</u>
Comp. Rep. <u>Jerry Langrehr</u>	Tester <u>Kenneth Cheney</u>
Contractor <u>Co. Tools</u>	Elevation <u>2183</u>
Location: Sec. <u>6</u> Twp. <u>19s</u> Rge. <u>21w</u> Co. <u>Ness</u> State <u>KS</u>	Est. Feet of Pay _____

Recorder No. 7370 Type Kuster Range 4050 PSI

Recorder Depth 4295

(A) Initial Hydrostatic Mud 2211 PSI

(B) First Initial Flow Pressure 71 PSI

(C) First Final Flow Pressure 102 PSI

(D) Initial Closed-in Pressure 1323 PSI

(E) Second Initial Flow Pressure 153 PSI

(F) Second Final Flow Pressure 244 PSI

(G) Final Closed-in Pressure 1293 PSI

(H) Final Hydrostatic Mud 2140 PSI

Temperature _____

Mud Weight 9.5 Viscosity 60

Fluid Loss 10.7

Interval Tested 4238-4297

Anchor Length 59'

Top Packer Depth 4233

Bottom Packer Depth 4238

Total Depth 4297

Drill Pipe Size 4 1/2 Fh

Wt. Pipe I. D. 2.7 Ft. Run 810

Recovery—Total Feet _____

Recovered 60 Feet Of G. I. P.

Recovered 252 Feet Of H.O.C.M.

Recovered 126 Feet Of Sl. O. C.M.

Recovered 126 Feet Of Frothy oil (with Mud)

Extra Equipment None

Recorder No. 7456 Type kuster Range 4200 PSI

Recorder Depth 4292

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 @ 9:25 A.M.

Blow Good to strong

Remarks _____

Drill Collar I. D. _____ Ft. Run _____

Price of Job \$440.00

CHENEY TESTING COMPANY

Pressure Data

Date 1-23-78

Test Ticket No. 1010

Recorder No. 7370 Capacity 4050 Location 4295 Ft.

Clock No. 19413 Elevation 2183 K.B. Well Temperature 115 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2215</u> P.S.I.	Open Tool	<u>9:25 A.</u> M	
B First Initial Flow Pressure	<u>85</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	
C First Final Flow Pressure	<u>112</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	
D Initial Closed-in Pressure	<u>1318</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	
E Second Initial Flow Pressure	<u>148</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	
F Second Final Flow Pressure	<u>249</u> P.S.I.			
G Final Closed-in Pressure	<u>1299</u> P.S.I.			
H Final Hydrostatic Mud	<u>2140</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>85</u>	<u>0</u>	<u>112</u>	<u>0</u>	<u>148</u>	<u>0</u>	<u>249</u>
P 2 <u>5</u>	<u>91</u>	<u>3</u>	<u>714</u>	<u>5</u>	<u>151</u>	<u>3</u>	<u>714</u>
P 3 <u>10</u>	<u>95</u>	<u>6</u>	<u>1091</u>	<u>10</u>	<u>157</u>	<u>6</u>	<u>1093</u>
P 4 <u>15</u>	<u>98</u>	<u>9</u>	<u>1182</u>	<u>15</u>	<u>165</u>	<u>9</u>	<u>1188</u>
P 5 <u>20</u>	<u>101</u>	<u>12</u>	<u>1230</u>	<u>20</u>	<u>173</u>	<u>12</u>	<u>1222</u>
P 6 <u>25</u>	<u>104</u>	<u>15</u>	<u>1255</u>	<u>25</u>	<u>183</u>	<u>15</u>	<u>1246</u>
P 7 <u>30</u>	<u>112</u>	<u>18</u>	<u>1271</u>	<u>30</u>	<u>195</u>	<u>18</u>	<u>1259</u>
P 8 _____		<u>21</u>	<u>1283</u>	<u>35</u>	<u>208</u>	<u>21</u>	<u>1267</u>
P 9 _____		<u>24</u>	<u>1291</u>	<u>40</u>	<u>218</u>	<u>24</u>	<u>1275</u>
P10 _____		<u>27</u>	<u>1297</u>	<u>45</u>	<u>226</u>	<u>27</u>	<u>1280</u>
P11 _____		<u>30</u>	<u>1301</u>	<u>50</u>	<u>238</u>	<u>30</u>	<u>1285</u>
P12 _____		<u>33</u>	<u>1305</u>	<u>55</u>	<u>246</u>	<u>33</u>	<u>1289</u>
P13 _____		<u>36</u>	<u>1308</u>	<u>60</u>	<u>249</u>	<u>36</u>	<u>1291</u>
P14 _____		<u>39</u>	<u>1311</u>			<u>39</u>	<u>1294</u>
P15 _____		<u>42</u>	<u>1315</u>			<u>42</u>	<u>1296</u>
P16 _____		<u>45</u>	<u>1318</u>			<u>45</u>	<u>1299</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							

TK # 1010

