

CHENEY TESTING COMPANY

P. O. BOX 3 HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>Abercrombie Drlg. Co</u>	Test No. <u>1</u>
Well Name & Number <u>Reed #1</u>	Zone Tested <u>Lansing C</u>
Company Address <u>Wichita, KS</u>	Date <u>2-17-80</u>
Comp. Rep. <u>Bill Darrow</u>	Tester <u>Kirk Cheney</u>
Contractor <u>Co Tools</u>	Elevation <u>1953 KB</u>
Location: Sec. <u>14</u> Twp. <u>7</u> Rge. <u>19</u> Co. <u>Rooks</u> State <u>KS</u>	Est. Feet of Pay _____

14-075-19W

Recorder No. 7437 Type AK-1 Range 4200 PSI

Recorder Depth _____ 3207 _____

(A) Initial Hydrostatic Mud _____ 1601 _____ PSI

(B) First Initial Flow Pressure _____ 45 _____ PSI

(C) First Final Flow Pressure _____ 45 _____ PSI

(D) Initial Closed-in Pressure _____ 789 _____ PSI

(E) Second Initial Flow Pressure _____ 45 _____ PSI

(F) Second Final Flow Pressure _____ 54 _____ PSI

(G) Final Closed-in Pressure _____ 491 _____ PSI

(H) Final Hydrostatic Mud _____ 1590 _____ PSI

Temperature _____ 102 _____

Mud Weight _____ 9.4 _____ Viscosity _____ 47 _____

Fluid Loss _____ 15.0 _____

Interval Tested _____ 3180-3210 _____

Anchor Length _____ 30 _____

Top Packer Depth _____ 3175 _____

Bottom Packer Depth _____ 3180 _____

Total Depth _____ 3210 _____

Drill Pipe Size _____ 4 1/2 Exh _____

Wt. Pipe I. D. _____ 2.7 _____ Ft. Run _____ 338 _____

Recovery—Total Feet _____ 20 _____

Recovered _____ 20 _____ Feet Of _____ Thin Mud _____

Recovered _____ _____ Feet Of _____ _____

Recovered _____ _____ Feet Of _____ _____

Recovered _____ _____ Feet Of _____ _____

Extra Equipment _____ None _____

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth _____ 3204 _____

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 1/8" _____

Rubber Size _____ 6 3/4" _____

Tool Open @ _____ 7:00 AM _____

Blow _____ Weak blow for 30 min _____

Remarks _____ Flushed tool on second open _____

_____ No blow _____

_____ _____

_____ _____

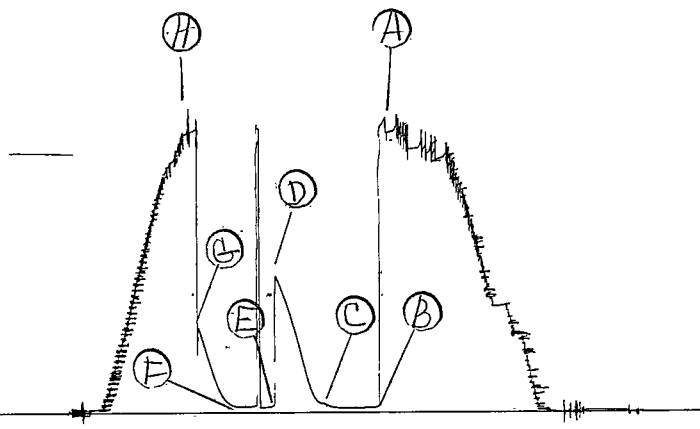
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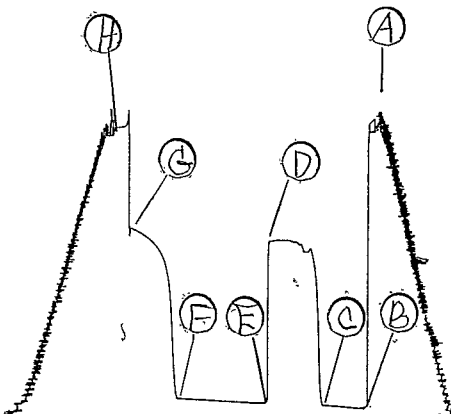
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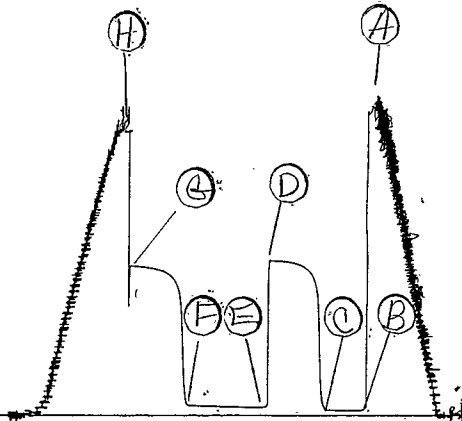
_____ _____

Drill Collar I. D. _____ _____ Ft. Run _____

Price of Job _____ \$480.00 _____







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DRILL-STEM TEST DATA

Company <u>Abercrombie Drlg. Inc</u>	Test No. <u>4</u>
Well Name & Number <u>Reed #1</u>	Zone Tested <u>KC</u>
Company Address <u>Wichita, KS</u>	Date <u>2-19-80</u>
Comp. Rep. <u>Bill Darrow</u>	Tester <u>Kirk Cheney</u>
Contractor <u>Co Tools</u>	Elevation <u>1953 KB</u>
Location: Sec. <u>14</u> Twp. <u>7</u> Rge. <u>19</u> Co. <u>Rooks</u> State <u>KS</u>	Est. Feet of Pay _____

14-075-1900

Recorder No. 7437 Type AK-1 Range 4200 PSI

Recorder Depth 3343

(A) Initial Hydrostatic Mud 1675 PSI

(B) First Initial Flow Pressure 21 PSI

(C) First Final Flow Pressure 21 PSI

(D) Initial Closed-in Pressure 32 PSI

(E) Second Initial Flow Pressure 21 PSI

(F) Second Final Flow Pressure 21 PSI

(G) Final Closed-in Pressure 32 PSI

(H) Final Hydrostatic Mud 1665 PSI

Temperature 104

Mud Weight 9.0 Viscosity 44

Fluid Loss 14.4

Interval Tested 3321-3346

Anchor Length 25

Top Packer Depth 3316

Bottom Packer Depth 3321

Total Depth 3346

Drill Pipe Size 4 1/2 Exh

Wt. Pipe I. D. 2.7 Ft. Run 338

Recovery—Total Feet 10

Recovered 10 Feet Of Mud with oil specks

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment None

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3340

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 1/8"

Rubber Size 6 3/4"

Tool Open @ 5:20 AM

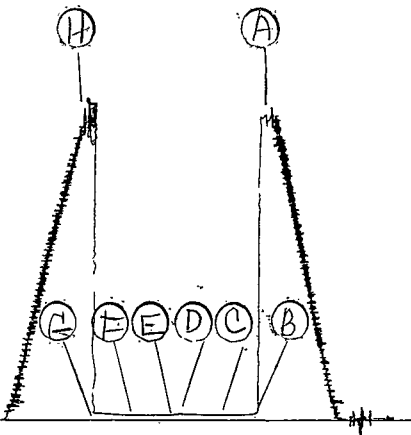
Blow Weak blow for 15 min.

Remarks Flushed tool on second open

No blow

Drill Collar I. D. _____ Ft. Run _____

Price of Job \$480.00



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DRILL-STEM TEST DATA

Company <u>Abercrombie Drlg. Inc.</u>	Test No. <u>5</u>
Well Name & Number <u>Reed #1</u>	Zone Tested <u>KC</u>
Company Address <u>Wichita, KS</u>	Date <u>2-19-80</u>
Comp. Rep. <u>Bill Darrow</u>	Tester <u>Kirk Cheney</u>
Contractor <u>Co Tools</u>	Elevation <u>1953 KB</u>
Location: Sec. <u>14</u> Twp. <u>7</u> Rge. <u>19</u> Co. <u>Rooks</u> State <u>KS</u>	Est. Feet of Pay _____

Recorder No. 7431 Type AK-1 Range 4200 PSI

Recorder Depth 3367

(A) Initial Hydrostatic Mud 1696 PSI

(B) First Initial Flow Pressure 76 PSI

(C) First Final Flow Pressure 76 PSI

(D) Initial Closed-in Pressure 831 PSI

(E) Second Initial Flow Pressure 87 PSI

(F) Second Final Flow Pressure 87 PSI

(G) Final Closed-in Pressure 565 PSI

(H) Final Hydrostatic Mud 1686 PSI

Temperature 104

Mud Weight 9.5 Viscosity 42

Fluid Loss 15.0

Interval Tested 3343-3370

Anchor Length 27

Top Packer Depth 3338

Bottom Packer Depth 3343

Total Depth 3370

Drill Pipe Size 4 1/2 Exh

Wt. Pipe I. D. 2.7 Ft. Run 338

Recovery—Total Feet 90

Recovered 90 Feet Of Thin mud with oil spots

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Recovered _____ Feet Of _____

Extra Equipment None Price of Job \$480.00

Recorder No. 10290 Type AK-1 Range 10290 PSI

Recorder Depth 3364

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 @ 5:35 PM

Blow Weak blow for 15 min. Flushed tool on

Remarks second open. No blow

Packer failed first try, Reset packer, held

second try

Drill Collar I. D. _____ Ft. Run _____

14-075-19w

