

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company <u>K. & E. Petroleum Inc.</u>	Test No. <u>1</u>
Well Name & Number <u>Schaben #2</u>	Zone Tested <u>Lansing</u>
Company Address <u>Wichita, Ks.</u>	Date <u>5-17-81</u>
Comp. Rep. <u>Cliff Ottoway</u>	Tester <u>Bill Ulrich</u>
Contractor <u>Abercrombie</u>	Elevation <u>2267 K. B.</u>
Location: Sec. 3 Twp. 11 Rge. 23w Co. Trego State <u>Ks.</u>	Est. Feet of Pay

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3538

(A) Initial Hydrostatic Mud 1790 PSI

(B) First Initial Flow Pressure 206 PSI

(C) First Final Flow Pressure 217 PSI

(D) Initial Closed-in Pressure 911 PSI

(E) Second Initial Flow Pressure 228 PSI

(F) Second Final Flow Pressure 239 PSI

(G) Final Closed-in Pressure 911 PSI

(H) Final Hydrostatic Mud 1737 PSI

Temperature -

Mud Weight 9.3 Viscosity 44

Fluid Loss 12.8

Interval Tested 3504-3544

Anchor Length 40

Top Packer Depth 3499

Bottom Packer Depth 3504

Total Depth 3544

Drill Pipe Size 4 1/2 X. H.

Wt. Pipe I. D. 3.25 Ft. Run 220

Recovery—Total Feet 440

Recovered 200 Feet Of Very slightly oil cut mud (2% oil)

Recovered 240 Feet Of Gassy water with oil traces

Recovered Feet Of

Recovered Feet Of

Extra Equipment None Price of Job \$650.00

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3541

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 75 Mins.

Final Shut-in 75 Mins.

Surface Choke Size 1"

Bottom Choke Size 3/4"

Main Hole Size 7 7/8"

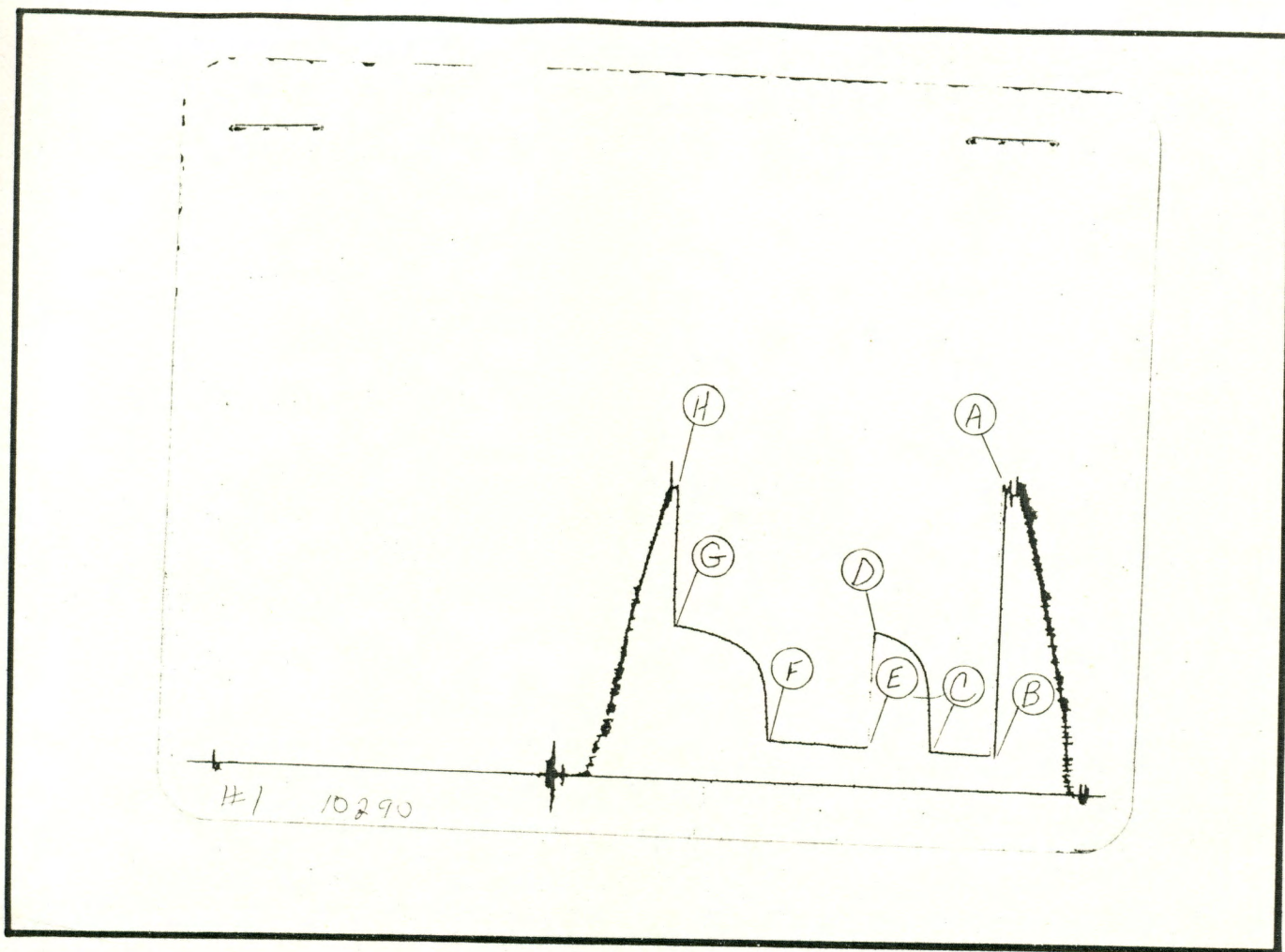
Rubber Size 6 3/4"

Tool Open @ 2:15 A. m.

Blow 1st opening—Fair

Remarks 2nd. opening—Weak

Drill Collar I. D. Ft. Run



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1790	PSI
(B) First Initial Flow Pressure	206	PSI
(C) First Final Flow Pressure	217	PSI
(D) Initial Closed-in Pressure	911	PSI
(E) Second Initial Flow Pressure	228	PSI
(F) Second Final Flow Pressure	239	PSI
(G) Final Closed-in Pressure	911	PSI
(H) Final Hydrostatic Mud	1737	PSI

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HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	K & E Petroleum Inc.	Test No.	2
Well Name & Number	Schaben #2	Zone Tested	Lansing
Company Address	Wichita, Kansas	Date	5-17-81
Comp. Rep.	Cliff Ottaway	Tester	Bill Ulrich
Contractor	Abercrombie Drlg. Inc.	Elevation	2267 K.B.
Location: Sec. 3 Twp. 11 Rge. 23w Co. Trego State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3612

(A) Initial Hydrostatic Mud 1864 PSI

(B) First Initial Flow Pressure 81 PSI

(C) First Final Flow Pressure 285 PSI

(D) Initial Closed-in Pressure 775 PSI

(E) Second Initial Flow Pressure 367 PSI

(F) Second Final Flow Pressure 428 PSI

(G) Final Closed-in Pressure 755 PSI

(H) Final Hydrostatic Mud 1813 PSI

Temperature -

Mud Weight 9.4 Viscosity 65

Fluid Loss 16

Interval Tested 3590-3618

Anchor Length 28'

Top Packer Depth 3585

Bottom Packer Depth 3590

Total Depth 3618

Drill Pipe Size 4½ X.H.

Wt. Pipe I. D. 3.25 Ft. Run 220

Recovery—Total Feet 1100

Recovered 90 Feet Of O.C.M. (55% Oil, 25% Water)

Recovered 240 Feet Of Gassy Water With Oil Traces.

Recovered 770 Feet Of Water DST \$650.00

Recovered 360 Feet Of Gas In Pipe Circulating Sub \$20.00

Extra Equipment Used Circulating Sub Price of Job \$670.00

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3615

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 45 Mins.

Final Shut-in 45 Mins.

Surface Choke Size 1"

Bottom Choke Size ¾"

Main Hole Size 7⅞"

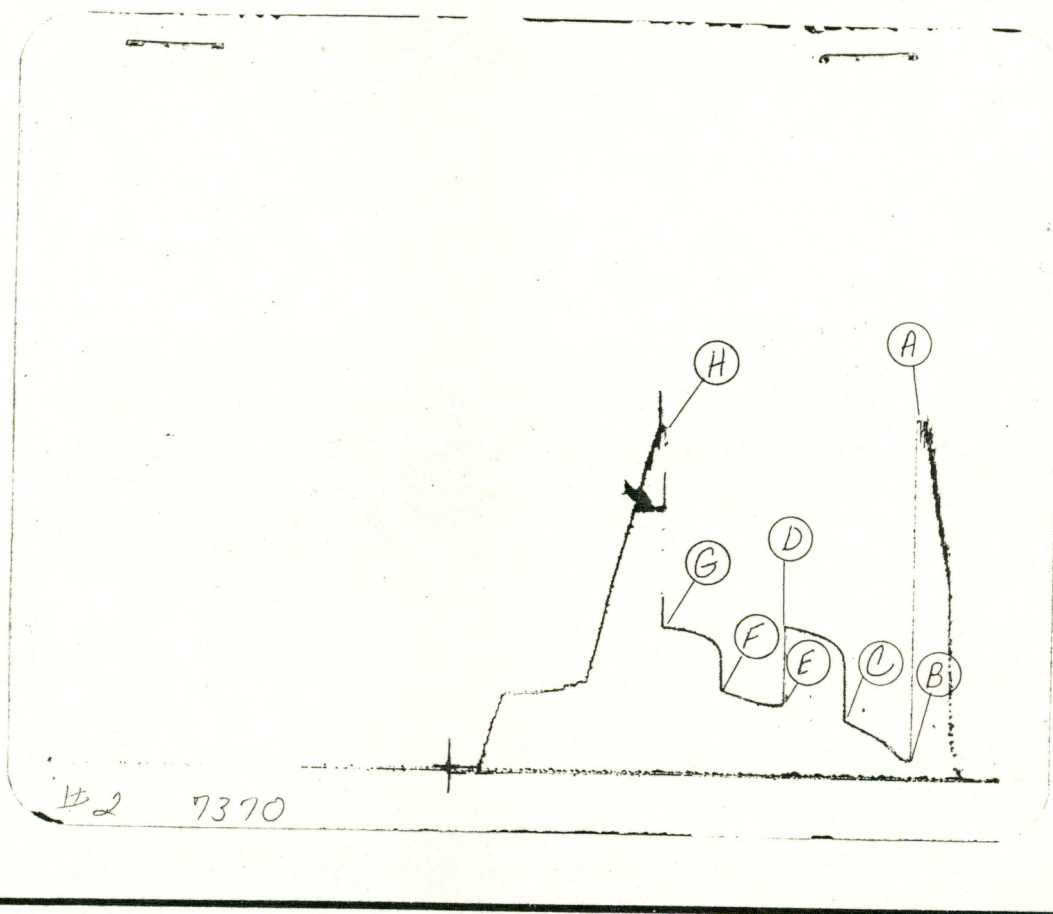
Rubber Size 6¾"

Tool Open @ 9:15 P.M.

Blow 1st Open— Strong Blow.

Remarks 2nd Open— Strong Blow.

Drill Collar I. D. - Ft. Run -



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1864	PSI
(B) First Initial Flow Pressure	81	PSI
(C) First Final Flow Pressure	285	PSI
(D) Initial Closed-in Pressure	775	PSI
(E) Second Initial Flow Pressure	367	PSI
(F) Second Final Flow Pressure	428	PSI
(G) Final Closed-in Pressure	755	PSI
(H) Final Hydrostatic Mud	1813	PSI

CHENEY TESTING COMPANY

P. O. BOX 3

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	K & E Petroleum Inc.	Test No.	3
Well Name & Number	Schaben #2	Zone Tested	Base Of K.C.
Company Address	Wichita, Kansas	Date	5-18-81
Comp. Rep.	Cliff Ottaway	Tester	Bill Ulrich
Contractor	Abercrombie Drlg. Inc.	Elevation	2267 K.B.
Location: Sec. 3 Twp. 11 Rge. 23w Co. Trego State Ks.		Est. Feet of Pay	

Recorder No. 7370 Type AK-1 Range 4050 PSI

Recorder Depth 3744

(A) Initial Hydrostatic Mud 1929 PSI

(B) First Initial Flow Pressure 43 PSI

(C) First Final Flow Pressure 43 PSI

(D) Initial Closed-in Pressure 467 PSI

(E) Second Initial Flow Pressure 43 PSI

(F) Second Final Flow Pressure 43 PSI

(G) Final Closed-in Pressure 206 PSI

(H) Final Hydrostatic Mud 1844 PSI

Temperature -

Mud Weight 9.4 Viscosity 54

Fluid Loss 12

Interval Tested 3704-3750

Anchor Length 46'

Top Packer Depth 3699

Bottom Packer Depth 3704

Total Depth 3750

Drill Pipe Size 4½ X.H.

Wt. Pipe I. D. 3.25 Ft. Run 220

Recovery—Total Feet 60'

Recovered 5 Feet Of Free Oil.

Recovered 55 Feet Of O.C.M. 28% Oil.

Recovered Feet Of

Recovered Feet Of

Extra Equipment None

Recorder No. 10290 Type AK-1 Range 4250 PSI

Recorder Depth 3747

Tool Open Before I. S. I. 45 Mins.

Initial Shut-in 45 Mins.

Flow Period 75 Mins.

Final Shut-in 75 Mins.

Surface Choke Size 1"

Bottom Choke Size ¾"

Main Hole Size 7⅞"

Rubber Size 6¾"

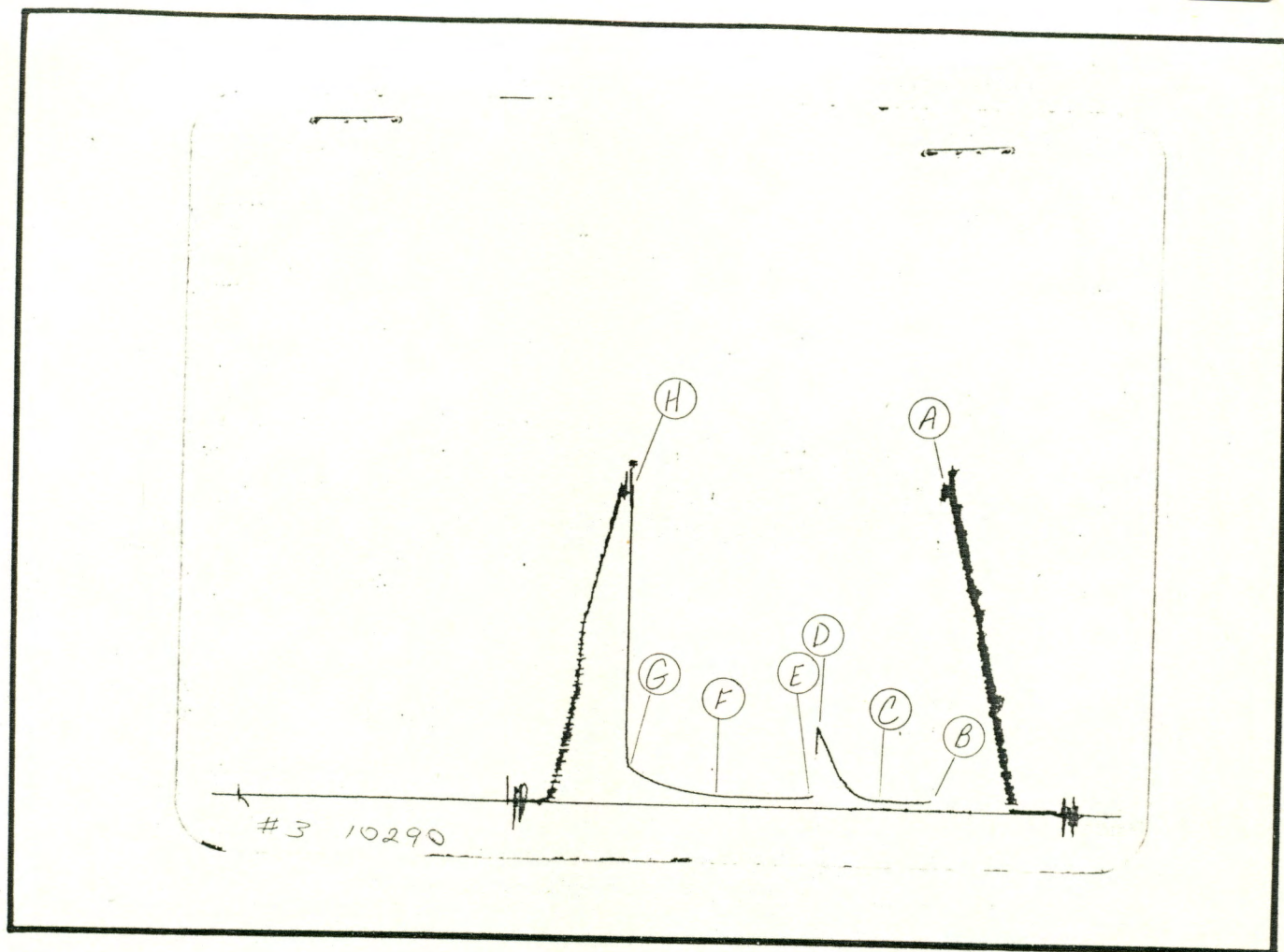
Tool Open @ 8:15 P.M.

Blow 1st Open— Weak Blow.

Remarks 2nd Open— NO Blow.

Drill Collar I. D. - Ft. Run -

Price of Job \$650.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1929	PSI
(B) First Initial Flow Pressure	43	PSI
(C) First Final Flow Pressure	43	PSI
(D) Initial Closed-in Pressure	467	PSI
(E) Second Initial Flow Pressure	43	PSI
(F) Second Final Flow Pressure	43	PSI
(G) Final Closed-in Pressure	206	PSI
(H) Final Hydrostatic Mud	1844	PSI