

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company Abercrombie Drilling Inc.	Test No. 1
Well Name & Number Carpenter #1	Zone Tested Lansing 70'
Company Address 801 Union Center Wichita Ks.	Date 5/4/84
Company Rep. Jim Gribi	Tester Gary Pevoteaux
Contractor Company Tools	Elevation 3384 KB
Location: Sec. 23 Twp. 7s Rge. 36w Co. Thomas State Ks.	Est. Feet of Pay

Recorder No. 13638 Type AK-1 Range 4675 PSI

Recorder No. 13639 Type AK-1 Range 4675 PSI

Recorder Depth 4339 Clock # 26194

Recorder Depth 4334 Clock # 19127

(A) Initial Hydrostatic Mud 2298 PSI

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

(B) First Initial Flow Pressure 159 PSI

Initial Shut-in 45 Mins.

(C) First Final Flow Pressure 525 PSI

Flow Period 60 Mins.

(D) Initial Shut-in Pressure 1317 PSI

Final Shut-in 45 Mins.

(E) Second Initial Flow Pressure 571 PSI

Top Choke Size 1" Hole Size 7 7/8"

(F) Second Final Flow Pressure 961 PSI

Bottom Choke Size 3/4" Rubber Size 6 3/4"

(G) Final Shut-in Pressure 1306 PSI

Tool Open @ 10:10 PM

(H) Final Hydrostatic Mud 2263 PSI

Blow Remarks 1st open: Strong blow, bottom of bucket in 2 minutes.

Temperature 128

2nd open: Strong throughout.

Mud Weight 9.8 Viscosity 53

Fluid Loss 10.4

Interval Tested 4294-4342

Anchor Length 48

Well Chlorides: 49,000 ppm

Top Packer Depth 4289

Recovery Chlorides: 148,000 ppm-Top

Bottom Packer Depth 4294

Middle: 152,000 ppm

Total Depth 4342

Bottom: 152,000 ppm

Drill Pipe Size 4 1/2 XH

Wt. Pipe I. D. 2.7 Ft. Run 690

Recovery-Total Feet 2035

Recovered 2035 Feet Of salt water.

Recovered Feet Of TOP: Resistivity: .06 ohms @ 70° F

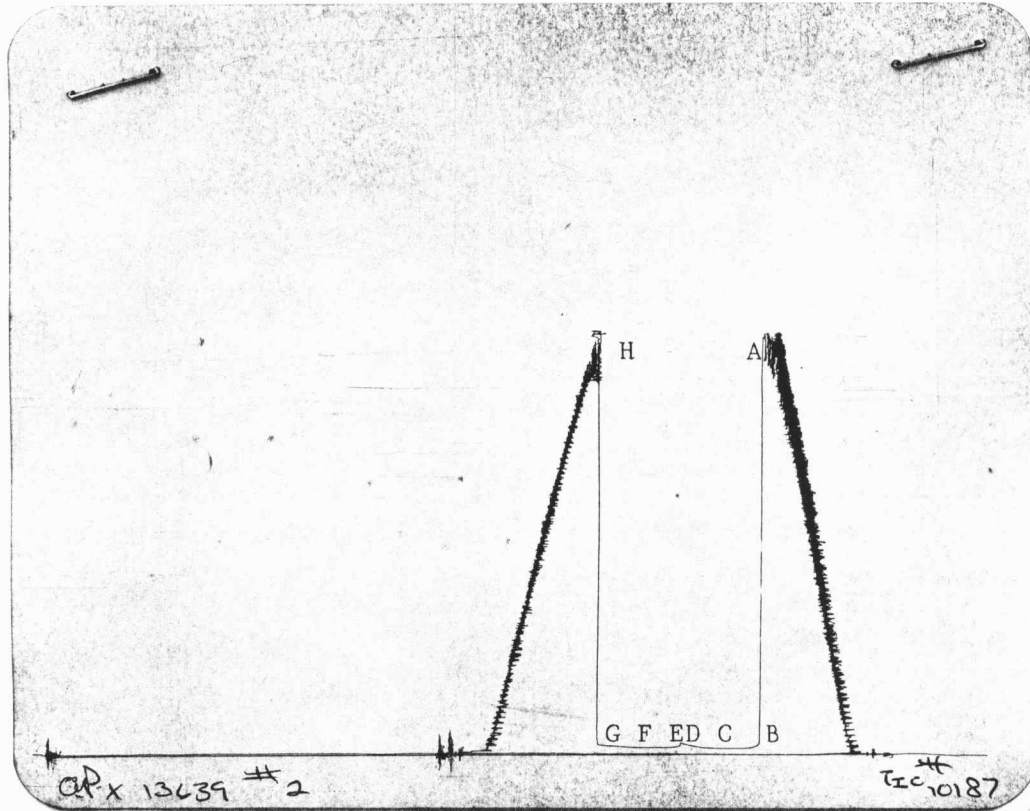
Recovered Feet Of MIDDLE: Resistivity: .06 ohms @ 71° F

Recovered Feet Of BOTTOM: Resistivity: .06 ohms @ 71° F

Recovered Feet Of

Recovered Feet Of

Extra Equipment Price of Job \$675.00



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2472	PSI
(B) First Initial Flow Pressure	29	PSI
(C) First Final Flow Pressure	29	PSI
(D) Initial Closed-in Pressure	75	PSI
(E) Second Initial Flow Pressure	34	PSI
(F) Second Final Flow Pressure	34	PSI
(G) Final Closed-in Pressure	68	PSI
(H) Final Hydrostatic Mud	2449	PSI