

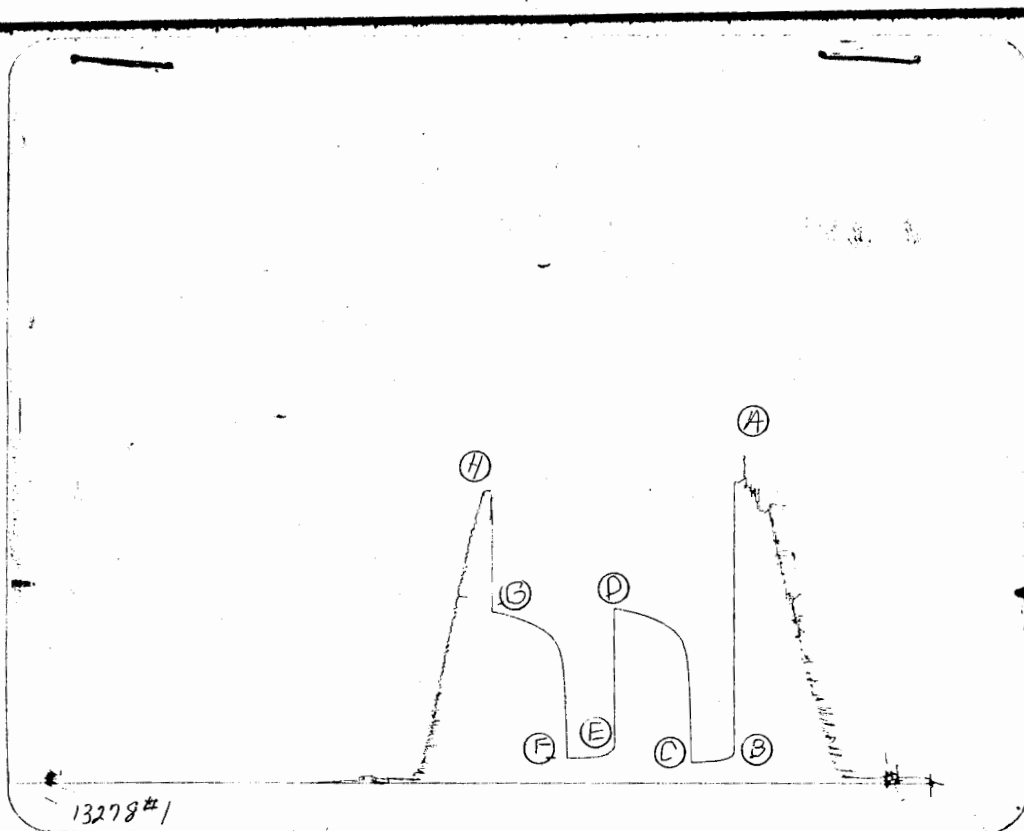
CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	N-B Company	Test No.	1
Well Name & Number	Loeffler "B" #2	Zone Tested	Toronto-Lansing "A"
Company Address		Date	10-24-87
Company Rep.	Mike Davignon	Tester	Huck Smith
Contractor	Emphasis Oil Operations	Rig #6	Elevation 2199 K.B.
Location: Sec. 6	Twp. 7S	Rge. 20W	Co. Rooks State Ks.
		Est. Feet of Pay	
Recorder No. 13224	Type AK-1	Range 4350	PSI
Recorder Depth 3432	Clock # 23938		
(A) Initial Hydrostatic Mud	1800	PSI	
(B) First Initial Flow Pressure	76	PSI	
(C) First Final Flow Pressure	76	PSI	
(D) Initial Shut-in Pressure	1006	PSI	
(E) Second Initial Flow Pressure	98	PSI	
(F) Second Final Flow Pressure	98	PSI	
(G) Final Shut-in Pressure	984	PSI	
(H) Final Hydrostatic Mud	1734	PSI	
Temperature	103°		
Mud Weight 9.5	Viscosity 42		
Fluid Loss	8.0		
Interval Tested	3380-3440		
Anchor Length	60		
Top Packer Depth	3375		
Bottom Packer Depth	3380		
Total Depth	3440		
Drill Pipe Size	4½" X.H.		
Wt. Pipe I. D. 2.25	Ft. Run 30		
Recovery-Total Feet	125		
Recovered 125	Feet Of Muddy Water.		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Extra Equipment		Price of Job	



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1800	PSI
(B) First Initial Flow Pressure	76	PSI
(C) First Final Flow Pressure	76	PSI
(D) Initial Closed-in Pressure	1006	PSI
(E) Second Initial Flow Pressure	98	PSI
(F) Second Final Flow Pressure	98	PSI
(G) Final Closed-in Pressure	984	PSI
(H) Final Hydrostatic Mud	1734	PSI

CHENEY TESTING COMPANY, INC.

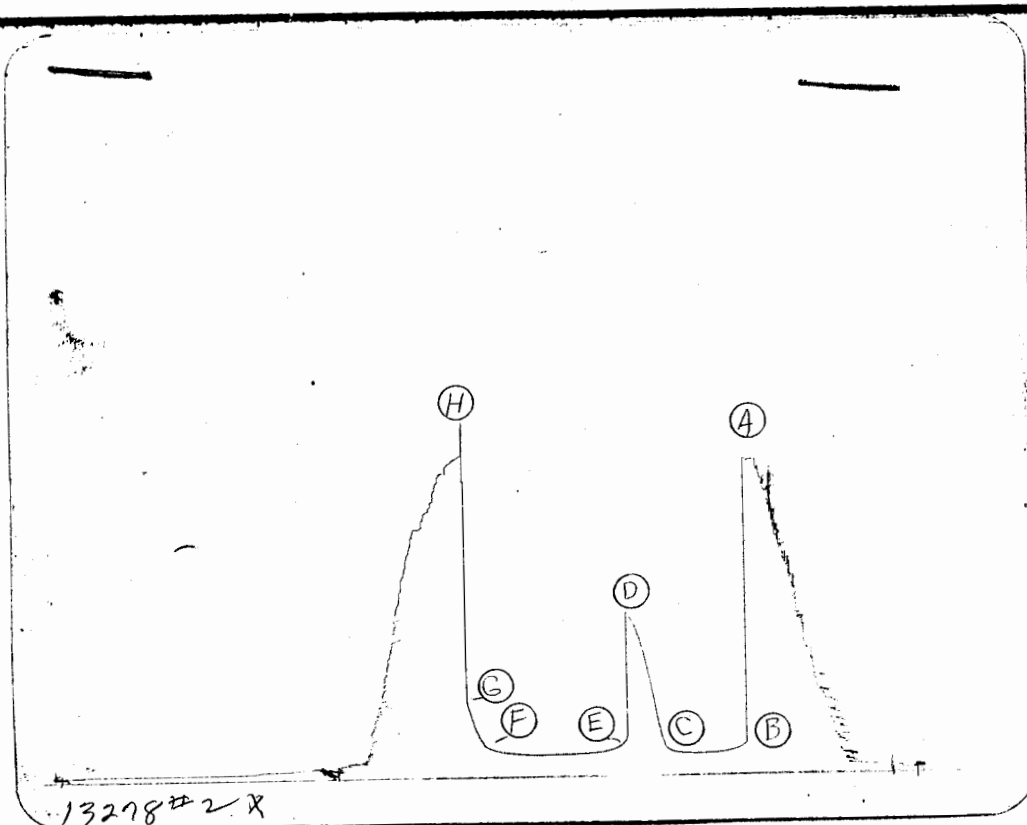
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HILL CITY, KANSAS 67642

DRILL-STEM TEST DATA

Company	N-B Company	Test No.	21
Well Name & Number	Loeffler "B" #2	Zone Tested	Lansing "H.I.J."
Company Address		Date	10-25-87
Company Rep.	Mike Davignon	Tester	Huck Smith
Contractor	Emphasis Oil Operations	Rig #6	Elevation 2199 K.B.
Location: Sec. 6	Twp. 7S	Rge. 20W	Co. Rooks State Ks.
			Est. Feet of Pay

Recorder No. 13224	Type AK-1	Range 4350	PSI
Recorder Depth 1832	Clock # 23938		
(A) Initial Hydrostatic Mud	1832	PSI	
(B) First Initial Flow Pressure	132	PSI	
(C) First Final Flow Pressure	132	PSI	
(D) Initial Shut-In Pressure	949	PSI	
(E) Second Initial Flow Pressure	143	PSI	
(F) Second Final Flow Pressure	143	PSI	
(G) Final Shut-In Pressure	429	PSI	
(H) Final Hydrostatic Mud	1821	PSI	
Temperature	105°		
Mud Weight 9.4	Viscosity 40		
Fluid Loss	8.0		
Interval Tested	3555-3595		
Anchor Length	40		
Top Packer Depth	3550		
Bottom Packer Depth	3555		
Total Depth	3595		
Drill Pipe Size	4½" X.H.		
Wt. Pipe I. D. 2.25	Ft. Run 30		
Recovery-Total Feet	15		
Recovered 15	Feet Of	Oil-Cut Mud. (35% Oil, 65% Mud)	
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		
Extra Equipment		Price of Job	



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1832	PSI
(B) First Initial Flow Pressure	132	PSI
(C) First Final Flow Pressure	132	PSI
(D) Initial Closed-in Pressure	949	PSI
(E) Second Initial Flow Pressure	143	PSI
(F) Second Final Flow Pressure	143	PSI
(G) Final Closed-in Pressure	429	PSI
(H) Final Hydrostatic Mud	1821	PSI