

CHENEY TESTING COMPANY

P. O. BOX 845 3 GREAT BEND, KANSAS 67530

Hill City, Kan. 67642

DRILL-STEM TEST DATA

Well Name	Murphy	Test No.	1
Well Number	1	Zone Tested	Marmaton
Company	Abercrombie Drlg. Inc. & Mobile Hoover	Date	2-7-76
Comp. Rep.	Orlin Phelps	Tester	Kenneth Cheney
Contractor	Abercrombie Drlg. Inc.	Ticket No.	138
Location	Sec. 16-20S-28W Lane County, Kan.	Elevation	

Recorder No. 1760	Clock Range 12 hr	Recorder No. 2836	Clock Range 12 hr
Depth 4548		Depth 4550	
Initial Hydro Mud Press. 2378		Initial Hydro Mud Press.	
Initial Shut-in Press. 333		Initial Shut-in Press.	
Initial Flow Press. 42-42		Initial Flow Press.	
Final Flow Press. 59-59		Final Flow Press.	
Final Shut-in Press. 385		Final Shut-in Press.	
Final Hydro Mud Press. 2374		Final Hydro Mud Press.	
Temperature 122		Tool Open Before I. S. I. 30	Mins.
Mud Weight 9.5	Viscosity 44	Initial Shut-in 30	Mins.
Fluid Loss 6.8 CC		Flow Period 30	Mins.
Interval Tested 4485-4555		Final Shut-in 30	Mins.
Top Packer Depth 4480		Surface Choke Size 1"	
Bottom Packer Depth 4485		Bottom Choke Size 1/2"	
Total Depth 4555		Main Hole Size 7 7/8"	
Drill Pipe Size 4 1/2 Ex.H. Wt. 4 1/2 Ex.H.		Rubber Size 6 3/4 "	
Drill Collar I. D.	Ft. Run		
Recovery—Total Feet 30			
Recovered 30	Feet Of Mud		
Recovered	Feet Of		
Recovered	Feet Of		
Recovered	Feet Of		

Remarks

Tool open @ 10:35 A.M. Blow- weak for 20 minutes

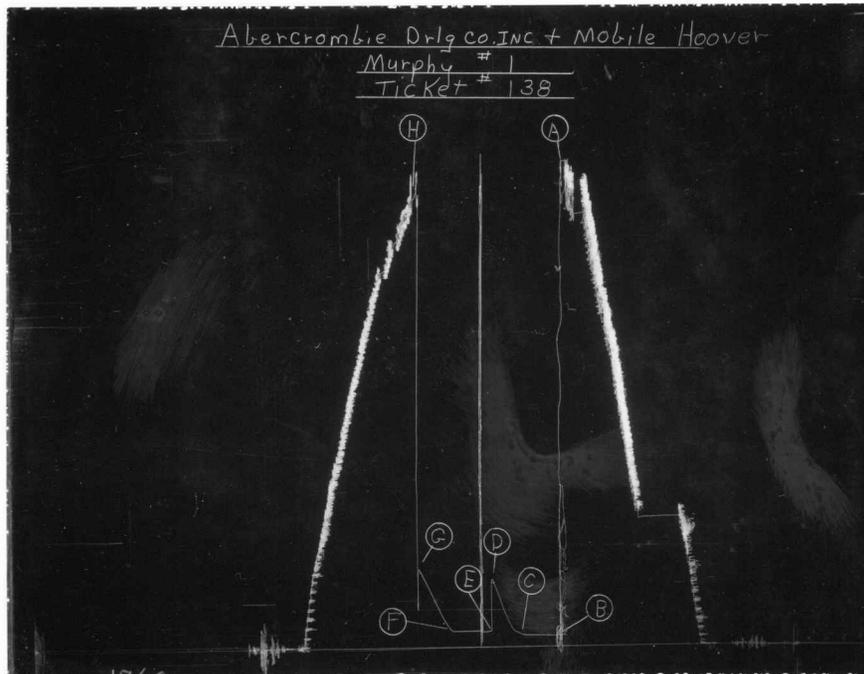
THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED.

CONDITIONS: It is expressly understood and agreed that the above described work shall be done under the exclusive control, direction and supervision of the owner or contractor. As a part of the consideration for this agreement, it is expressly understood and agreed that Cheney Testing Company shall not be responsible for damages or losses of any kind whatsoever occasioned by or incident to the use of the above described Tools, whether run or operated by customer, or by anyone employed directly or indirectly by Cheney Testing Company, nor whether resulting from

the acts or omissions of Cheney Testing Company, or any of its agents, servants or employees in any way connected with or related to the use of such Tools.

It is expressly understood and agreed that Cheney Testing Company, shall not be bound by any agreement, not herein contained, and no agent or representative connected with or employed by Cheney Testing Company has authority to alter or extend the terms of this agreement. I have read and understand the terms of this agreement and represent that I am authorized to sign the same as agent of customer.

By _____
Owner, Operator or his Agent



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2378		PSI
(B) First Initial Flow Pressure	42		PSI
(C) First Final Flow Pressure	42		PSI
(D) Initial Closed-in Pressure	333		PSI
(E) Second Initial Flow Pressure	59		PSI
(F) Second Final Flow Pressure	59		PSI
(G) Final Closed-in Pressure	385		PSI
(H) Final Hydrostatic Mud	2374		PSI