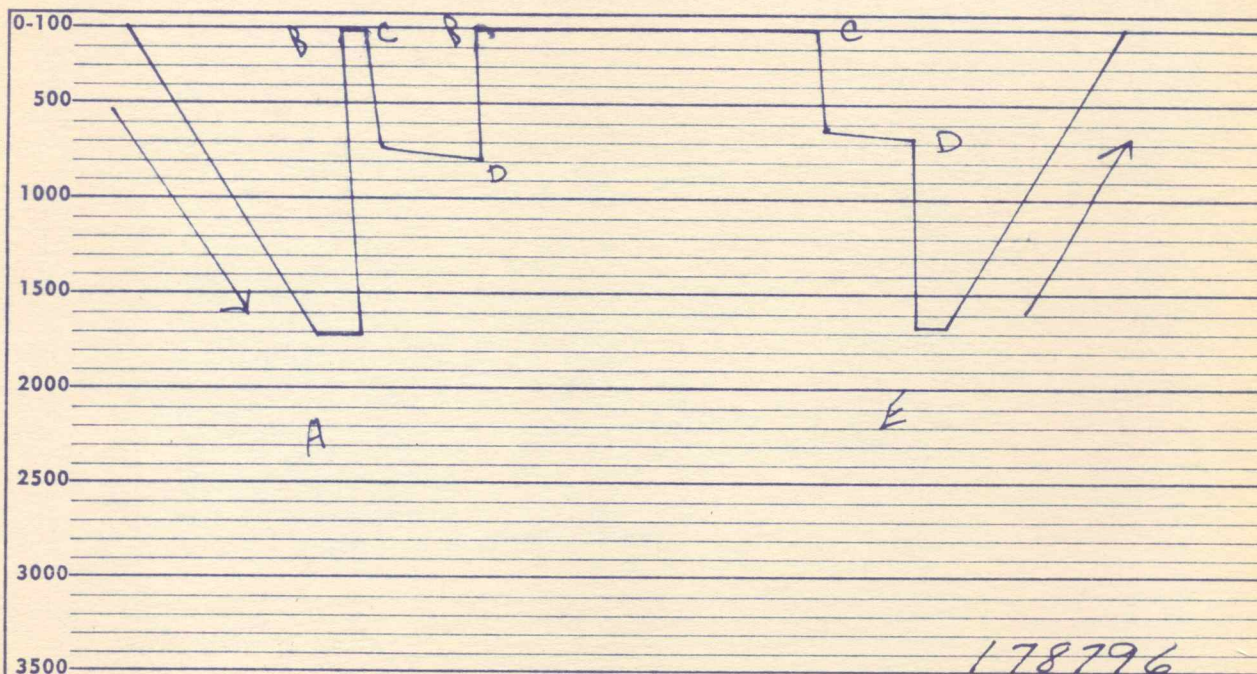


Initial Closed In Time 22 Minutes					Date 2-2-60	
Tool Open 1st 5 / 2nd 60 Minutes					Ticket No. 178796	
Final Closed In Time 20 Minutes					HOWCO DISTRICT Gt. Bend	
Depth Top Gauge 3087 Ft.					Kind of Job Open Hole	
BT. P.R.D. No 399			12 Hr. Clock		CONTRACTOR COMPANY TOOLS	
Pressure Readings Field			Office Corrected		HOLE & TOOL DATA	
Initial Hydro Mud Pressure 1695			1643		Elevation 1907 DF Top Packer Depth -	
Initial Closed in Pres. 870			867		Total Depth 3131' Bottom Packer Depth 3094'	
Initial Flow Pres. 50			27-53		Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4" ESWP	
Final Flow Pres. 170			40-167		Liner or Rathole Size 7 7/8" Size Bottom Choke 3/4"	
Final Closed in Pres. 725			722		Casing Perforations Top Bottom Size Surface Choke 1/8"	
Final Hydro Mud Pressure 1660			1630		Interval Tested 3094-3131' ID & Length Air Chamber Dual CIP	
Depth Center Gauge Ft.			Blanked Off		Formation Tested Lansing ID & Length Drill Collars -	
BT. P.R.D. No			Hr. Clock		Est. Gauge Depth Temp. A 101 F° Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field			Office Corrected		MUD DATA Weight 10.2 Viscosity 39	
Initial Hydro Mud Pressure					All depths measured from Kelly Bushing No. Folders Reproduced 5	
Initial Closed in Pres.					REMARKS: Tool opened for a 5 minute First	
Initial Flow Pres.					Flow. Rotated tool for a 22 minute Initial	
Final Flow Pres.					Closed in Pressure. Tool re-opened for a	
Final Closed in Pres.					60 minute Flow with gas to the surface in	
Final Hydro Mud Pressure					47 minutes. Took a 20 minute Final Closed	
Depth Bottom Gauge 3128 Ft.			Blanked Off yes		in Pressure.	
BT. P.R.D. No 1959			4 Hr. Clock			
Pressure Readings Field			Office Corrected			
Initial Hydro Mud Pressure						
Initial Closed in Pres.					Recovered 290 Feet of gas cut mud	
Initial Flow Pres.					Recovered 30 Feet of gas & oil cut mud	
Final Flow Pres.					Recovered 120 Feet of salt water	
Final Closed in Pres.					Recovered Feet of	
Final Hydro Mud Pressure					Witnessed By Don R. Hestore	
Amount-Type of Cushion					Tester D. G. White	

178796

PRESSURE

TIME



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HOWCO 1383—LITTLE'S 58248 5M 5/59

Each Horizontal Line Equal to 1000 p.s.i.

Company

THOMAS H. ALLAN

Date 2-2-60

Initial Hydro Mud Pressure		Time	PSI	Ticket No. 178796 Lease CHRISTIANS Well No. 2 Test No. 1 BT No. 399 Depth 3087 12 Hr. Clock No. - Temperature Corrected to A 101 ° F				
1st	Initial Flow		27					
	Final Flow	5 minutes	40					
Initial Closed In Pressure		22 minutes	867					
2nd	Initial Flow		53					
	Final Flow	60 minutes	167					
Final Closed In Pressure		20 minutes	722					
Final Hydro Mud Pressure			1630					

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
PO	.000	27	.000	40	.000	53	.000	167
P1	.005	31	.016	214	.105	90	.014	401
P2	.010	31	.032	550	.210	119	.028	509
P3	.015	33	.048	686	.315	141	.042	569
P4	.020	37	.064	749	.420	167	.056	607
P5	.025	40	.080	793			.070	636
P6			.096	819			.084	663
P7			.112	838			.098	684
P8			.128	849			.112	699
P9			.144	860			.126	712
P10			.160	867			.140	722
	1	Minute Intervals	2.2	Minute Intervals	15	Minute Intervals	2	Minute Intervals

Remarks: