

Initial Closed in Time 20 Minutes			Date 5-27-59		LOCATION SEC. 26-30-10 FIELD NORTH MOLINE COUNTY ELK STATE KANSAS
Open Flow Period 2-90 Minutes			Ticket No. 234385		
Final Closed in Time 20 Minutes			HOWCO DISTRICT Pawhuska		
Depth Top Gauge 1984 Ft.	Blanked Off Yes		Kind of Job Open Hole		
BT. P.R.D. No 366	12 Hr. Clock	CONTRACTOR Fester Drilling Co.			
Pressure Readings Field	Office Corrected	HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1075	1075	Elevation -	Top Packer Depth 1979'		
Initial Closed in Pres. 645	641	Total Depth 2000'	Bottom Packer Depth -		
Initial Flow Pres. 25	21-23	Casing or Hole Size 6 3/4"	Size & Type 6" ESWP		
Final Flow Pres. 60	22-53	Liner or Rathole Size -	Size Bottom Choke 5/8"		
Final Closed in Pres. 535	519	Casing Perforations Top Bottom	Size Surface Choke 1/4"		
Final Hydro Mud Pressure 1075	1027	Interval Tested 1979-2000'	ID & Length Air Chamber -		
Depth Center Gauge 1996 Ft.	Blanked Off No	Formation Tested Mississippi	ID & Length Drill Collars 79' x 2 1/4"		
BT. P.R.D. No 1115	- Hr. Clock	Est. Gauge Depth Temp. Calc. 100 F.	Size Drill Pipe 3 1/2" I.F.		
Pressure Readings Field	Office Corrected	MUD DATA Weight 9.5	Viscosity 35		
Initial Hydro Mud Pressure		All depths measured from Rotary Derrick Bushing No. Folders Reproduced 5			
Initial Closed in Pres.		REMARKS: Opened tool for a 2 minute flow.			
Initial Flow Pres.		Rotated tool closed for a 20 minute Initial			
Final Flow Pres.		Closed in Pressure. Reopened tool with a			
Final Closed in Pres.		good blow throughout test. Gas to surface			
Final Hydro Mud Pressure		in 96 minutes. Took a 20 minute Final			
Depth Bottom Gauge Ft.	Blanked Off	Closed in Pressure.			
BT. P.R.D. No	Hr. Clock				
Pressure Readings Field	Office Corrected				
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Slightly oil cut			
Initial Flow Pres.		Recovered 70	Feet of mud		
Final Flow Pres.		Recovered 18	Feet of Heavy oil cut mud		
Final Closed in Pres.		Recovered	Feet of		
Final Hydro Mud Pressure		Recovered	Feet of		
Amount-Type of Cushion None		Witnessed By Delbert J. Costa			
		Tester E. B. Easter, Jr.			

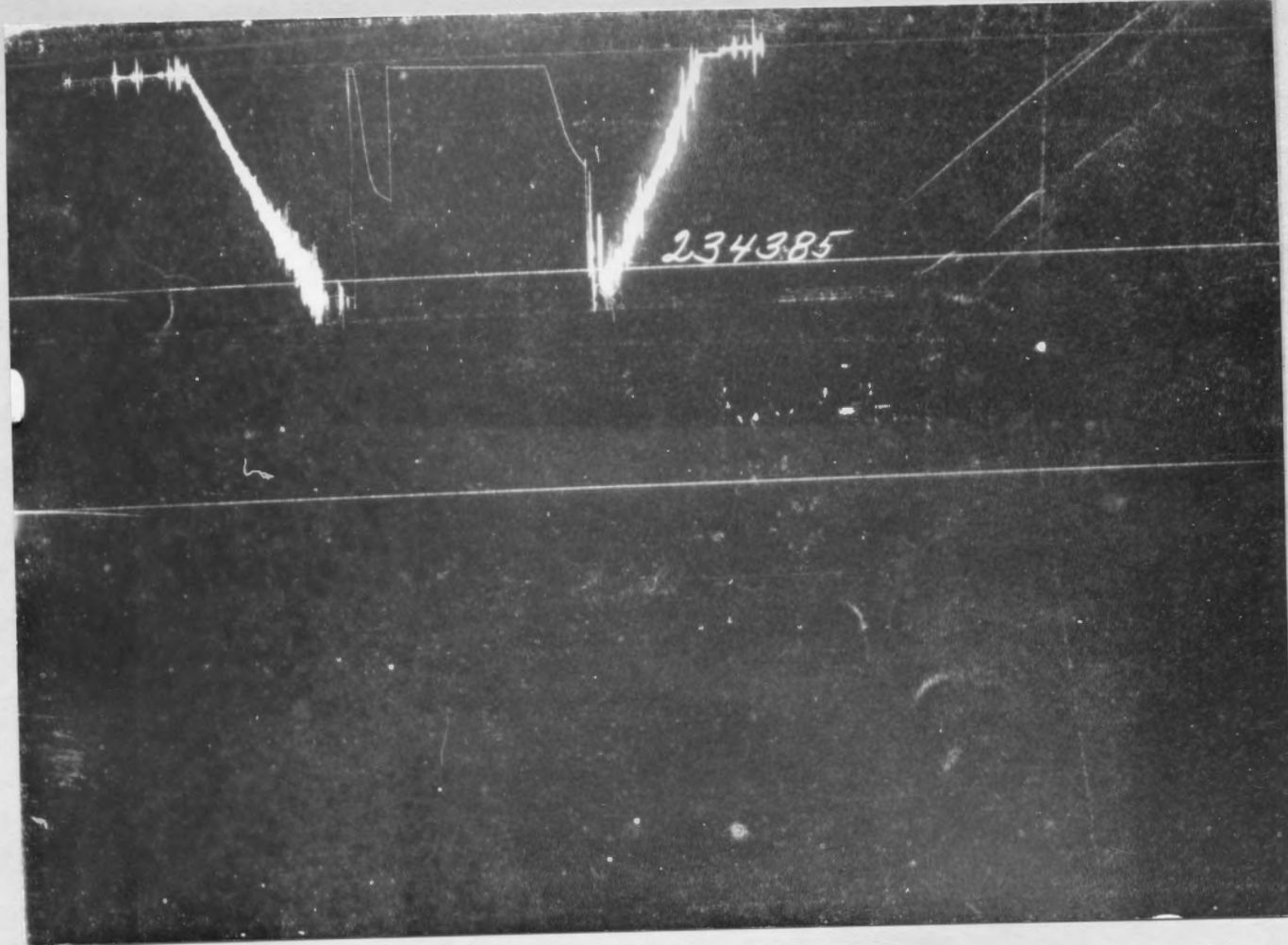
Company MULL DRILLING COMPANY

Date 5-27-59

		Time	PSI					
Initial Hydro Mud Pressure			1075	Ticket No. 234385				
1st	Initial Flow		21					
	Final Flow	2 minutes	22	Lease BAUDER				
Initial Closed In Pressure		20 minutes	641	Well No. 1 Test No. 1				
2nd	Initial Flow		23	BT No. 366 Depth 1984'				
	Final Flow	90 minutes	53	12 Hr. Clock No. 1555				
Final Closed In Pressure		20 minutes	519	Temperature Corrected to 100 ° F				
Final Hydro Mud Pressure			1027					
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.
P0	.000	21	.000	22	.000	23	.000	53
P1	.021	22	.014	119	.1075	31	.015	113
P2			.028	260	.215	37	.030	176
P3			.042	410	.3225	41	.045	248
P4			.056	516	.430	45	.060	311
P5			.070	574	.5375	50	.075	373
P6			.084	603	.645	53	.090	414
P7			.098	615			.105	449
P8			.112	625			.120	477
P9			.126	634			.135	501
P10			.140	641			.150	519
	Minute Intervals		2	Minute Intervals	15	Minute Intervals	2	Minute Intervals

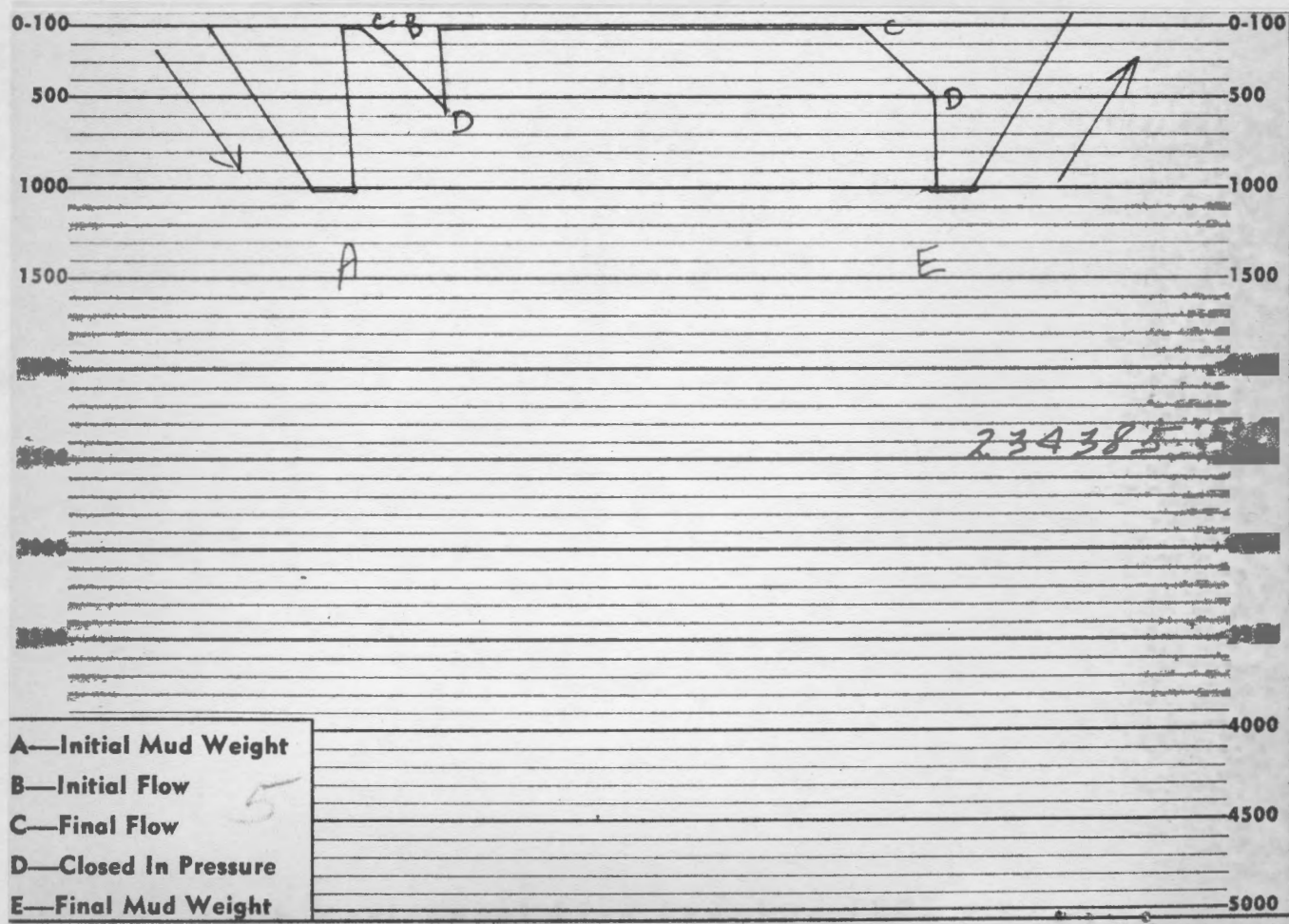
Remarks:

HOWCO 1297--SANDFER



↑
PRESSURE
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← TIME →



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

Initial Closed In Time 20 Minutes			Date 5-27-59	
Tool Open Flow Period 5-120 Minutes			Ticket No. 234386	
Final Closed In Time 20 Minutes			HOWCO DISTRICT Pawhuska	
Depth Top Gauge 2005 Ft. Blanked Off Yes			Kind of Job Open Hole	
BT. P.R.D. No 366 12 Hr. Clock		CONTRACTOR Gester Drilling Co.		
Pressure Readings Field Office Corrected		HOLE & TOOL DATA		
Initial Hydro Mud Pressure 1075 1079		Elevation - Top Packer Depth 2000'		
Initial Closed in Pres. 690 685		Total Depth 2010' Bottom Packer Depth -		
Initial Flow Pres. 25 14-18		Casing or Hole Size 6 3/4" Size & Type Wall Packer 6" ESWP		
Final Flow Pres. 70 16-78		Liner or Rathole Size - Size Bottom Choke 5/8"		
Final Closed in Pres. 545 535		Casing Perforations Top Bottom Size Surface Choke 1/4"		
Final Hydro Mud Pressure 1075 1047		Interval Tested 2000' -2010' ID & Length Air Chamber -		
Depth Center Gauge Ft. Blanked Off		Formation Tested Mississippi ID & Length Drill Collars 70' x 2 1/4"		
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. Calc. 100 F° Size Drill Pipe 3 1/2" IF		
Pressure Readings Field Office Corrected		MUD DATA Weight 9.5 Viscosity 35		
Initial Hydro Mud Pressure		All depths measured from Rotary Derrick Bushing No...Folders Reproduced 5		
Initial Closed in Pres.		REMARKS: Opened tool for a 5 minute flow.		
Initial Flow Pres.		Rotated tool closed for a 20 minute Initial		
Final Flow Pres.		Closed in Pressure. Reopened tool with a		
Final Closed in Pres.		good blow throughout test. Took a 20 minute		
Final Hydro Mud Pressure		Final Closed in Pressure.		
Depth Bottom Gauge Ft. Blanked Off		NO P.R.D. WAS RUN.		
BT. P.R.D. No Hr. Clock				
Pressure Readings Field Office Corrected				
Initial Hydro Mud Pressure				
Initial Closed in Pres.		Recovered 50 Feet of Oil & muddy oil		
Initial Flow Pres.		Recovered 118 Feet of Muddy to clear salt water oil cut.		
Final Flow Pres.		Recovered Feet of		
Final Closed in Pres.		Recovered Feet of		
Final Hydro Mud Pressure		Witnessed By Delbert J. Costa		
Amount-Type of Cushion None		Tester E. B. Easter, Jr.		

LOCATION SEC. 26-30-10

FIELD

NORTH HOLINE

COUNTY

ELK

STATE KANSAS

LEASE NAME

WELL NO.

TEST NO.

LEASE OWNER

OWNERS DISTRICT

BAUDER

1

2

MULL DRILLING COMPANY

26-30-10E
S1E-S1E-N1E

WICHITA

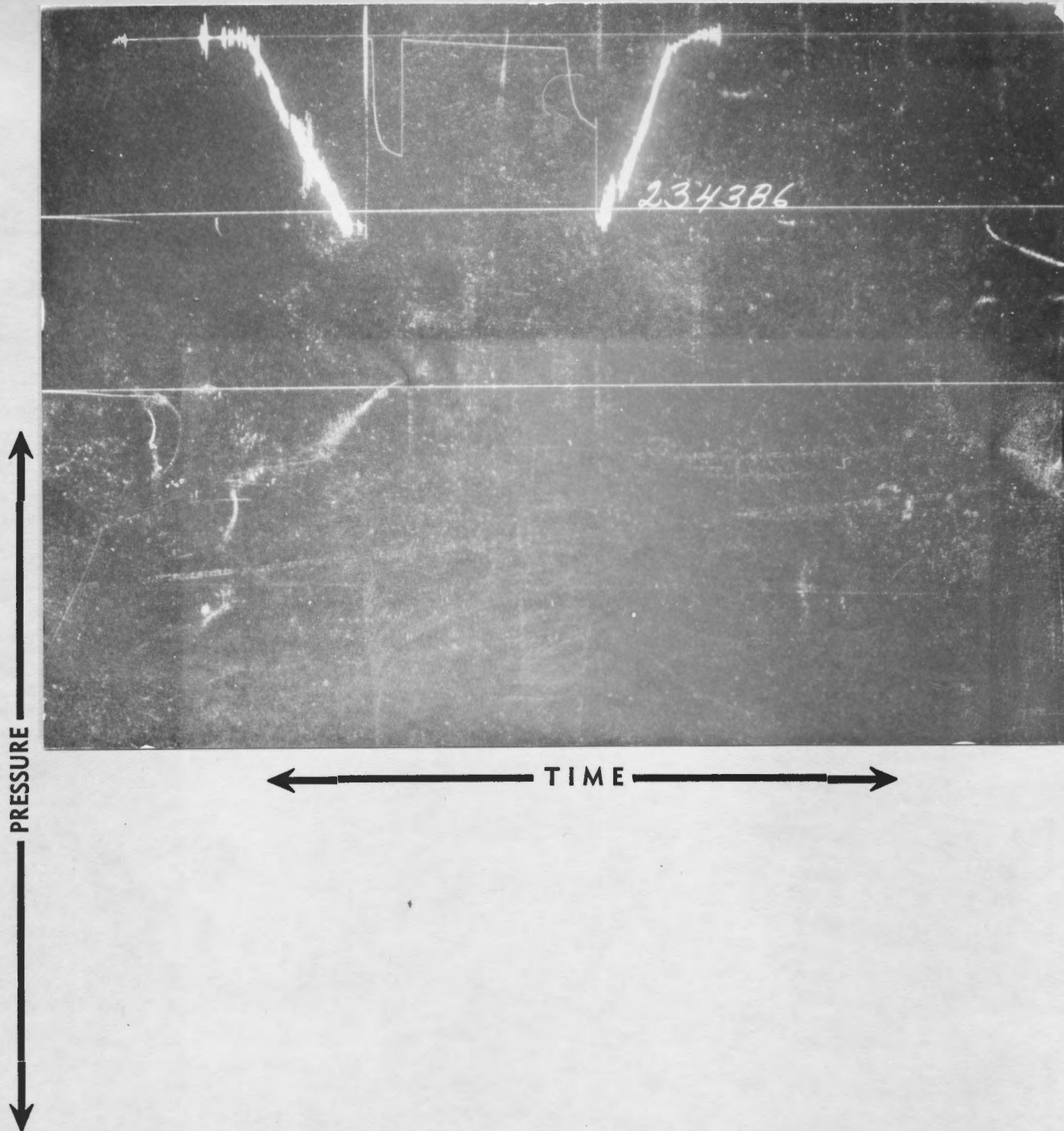
Company MULL DRILLING COMPANY

Date 5-27-59

		Time	PSI					
Initial Hydro Mud Pressure			1079	Ticket No. 234386				
1st	Initial Flow		14					
	Final Flow	5 minutes	16	Lease BAUDER				
Initial Closed In Pressure		20 minutes	685	Well No. 1		Test No. 2		
2nd	Initial Flow		18	BT No. 366		Depth 2005'		
	Final Flow	120 minutes	78	12 Hr. Clock No.		1555		
Final Closed In Pressure		20 minutes	535	Temperature Corrected to 100 ° F				
Final Hydro Mud Pressure			1047					
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.
P0	.000	14	.000	16	.000	18	.000	78
P1	.028	16	.015	415	.103	31	.015	247
P2			.030	548	.206	38	.030	346
P3			.045	602	.309	46	.045	411
P4			.060	627	.412	54	.060	444
P5			.075	645	.515	60	.075	478
P6			.090	659	.618	67	.090	486
P7			.105	668	.721	73	.105	500
P8			.120	675	.824	78	.120	514
P9			.135	681			.135	526
P10			.150	685			.150	535
	Minute Intervals		2	Minute Intervals	15	Minute Intervals	2	Minute Intervals

Remarks:

HOWCO 1297 - SANDER



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