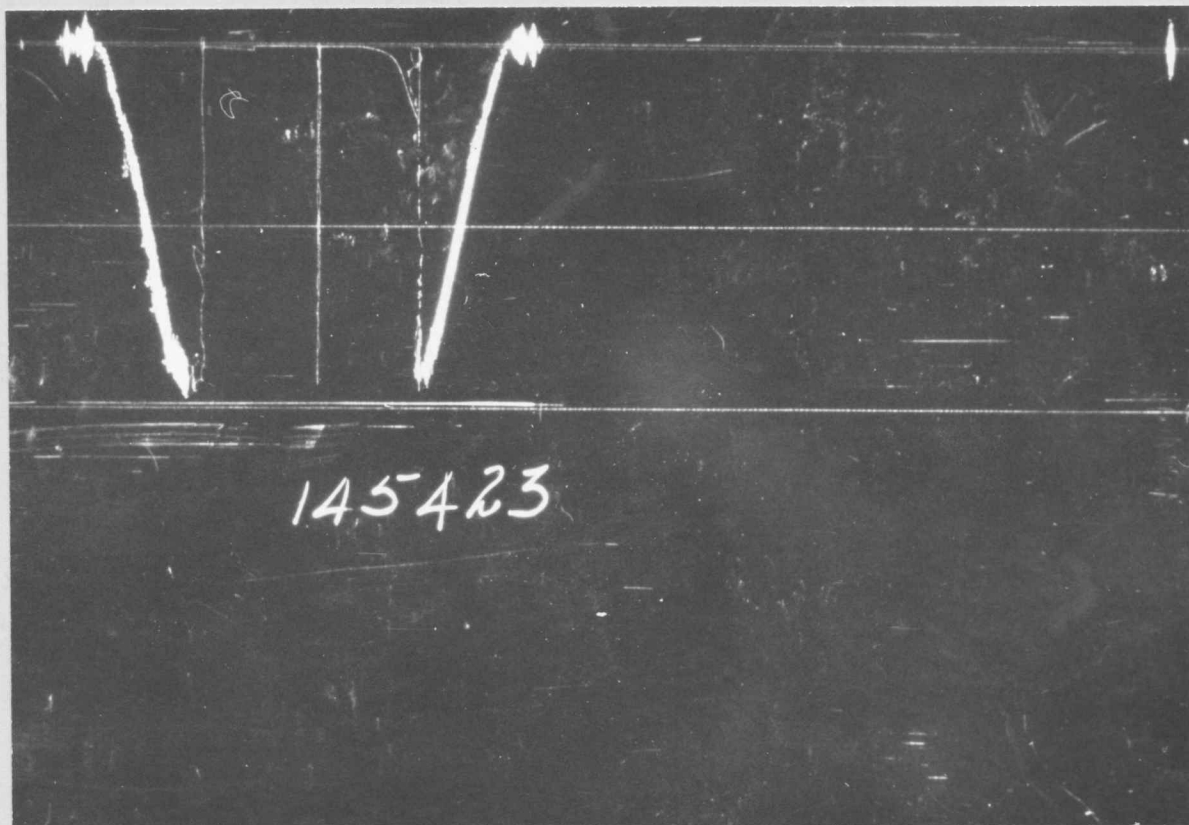


ZUOLANEK B
LEASE NAME
WELL NO. 2
TEST NO. 1
HENDERSON OIL COMPANY
LEASE OWNER
KANSAS
OWNERS DISTRICT

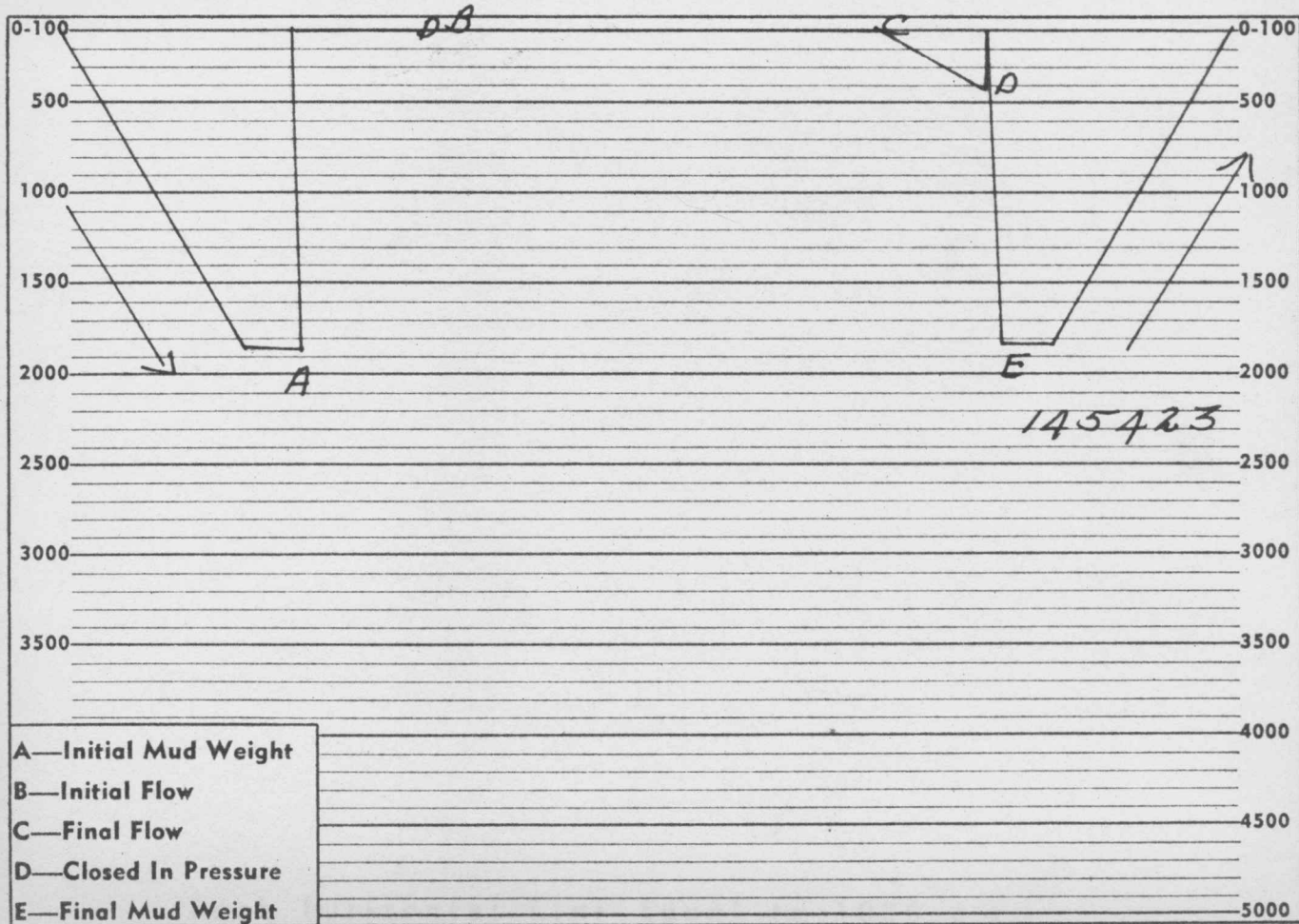


Initial Closed In Time 30 Minutes				Date 10-11-57		LOCATION 33-15-10
Tool Open Flow Period 60 Minutes				Ticket No. 145423		
Final Closed In Time 35 Minutes				HOWCO DISTRICT Hays, Kansas		
Depth Top Gauge 3253 Ft. Blanked Off No				Kind of Job Open Hole Test		
BT. P.R.D. No 526 12 Hr. Clock		CONTRACTOR Lewis Drilling Company		HOLE & TOOL DATA		FIELD
Pressure Readings Field Office Corrected						
Initial Hydro Mud Pressure 1910 1844		Elevation 1766DF Top Packer Depth 3252'				
Initial Closed in Pres. 0 35		Total Depth 3266' Bottom Packer Depth -				
Initial Flow Pres. 0 14		Casing or Hole Size 7-7/8" Size & Type Wall Packer 6-3/4" SEWP				COUNTY ELLSWORTH
Final Flow Pres. 0 14		Liner or Rathole Size 7-7/8" Size Bottom Choke 5/8"				
Final Closed in Pres. 410 425		Casing Perforations Top Bottom Size Surface Choke 1/4"				
Final Hydro Mud Pressure 1885 1826		Interval Tested 3252'-3266' ID & Length Air Chamber 4" X 5'				
Depth Center Gauge Ft. Blanked Off		Formation Tested Simpson ID & Length Drill Collars -				STATE KANSAS
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. Actual 103 F° Size Drill Pipe 4-1/2"				
Pressure Readings Field Office Corrected		MUD DATA Weight 10.4 Viscosity 41				
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing No. Folders Reproduced 5				
Initial Closed in Pres.		REMARKS: Set packer, opened tool 4:50 PM				
Initial Flow Pres.		to take a 30 minute Initial Closed in Pressure.				
Final Flow Pres.		Opened tool 5:20 PM with a very weak blow				
Final Closed in Pres.		that died in 5 minutes. Tool closed at				
Final Hydro Mud Pressure		6:20 PM to take a 35 minute Final Closed in				
Depth Bottom Gauge 3262 Ft. Blanked Off Yes		Pressure. Off bottom at 6:55 PM.				
BT. P.R.D. No 1866 Hr. Clock						
Pressure Readings Field Office Corrected		No Special Reading due to character of test.				
Initial Hydro Mud Pressure						
Initial Closed in Pres.		Recovered 7 Feet of mud.				
Initial Flow Pres.		Recovered Feet of				
Final Flow Pres.		Recovered Feet of				
Final Closed in Pres.		Recovered Feet of				
Final Hydro Mud Pressure		Witnessed By -				
Amount-Type of Cushion 6' of air		Tester E. L. Sanders				

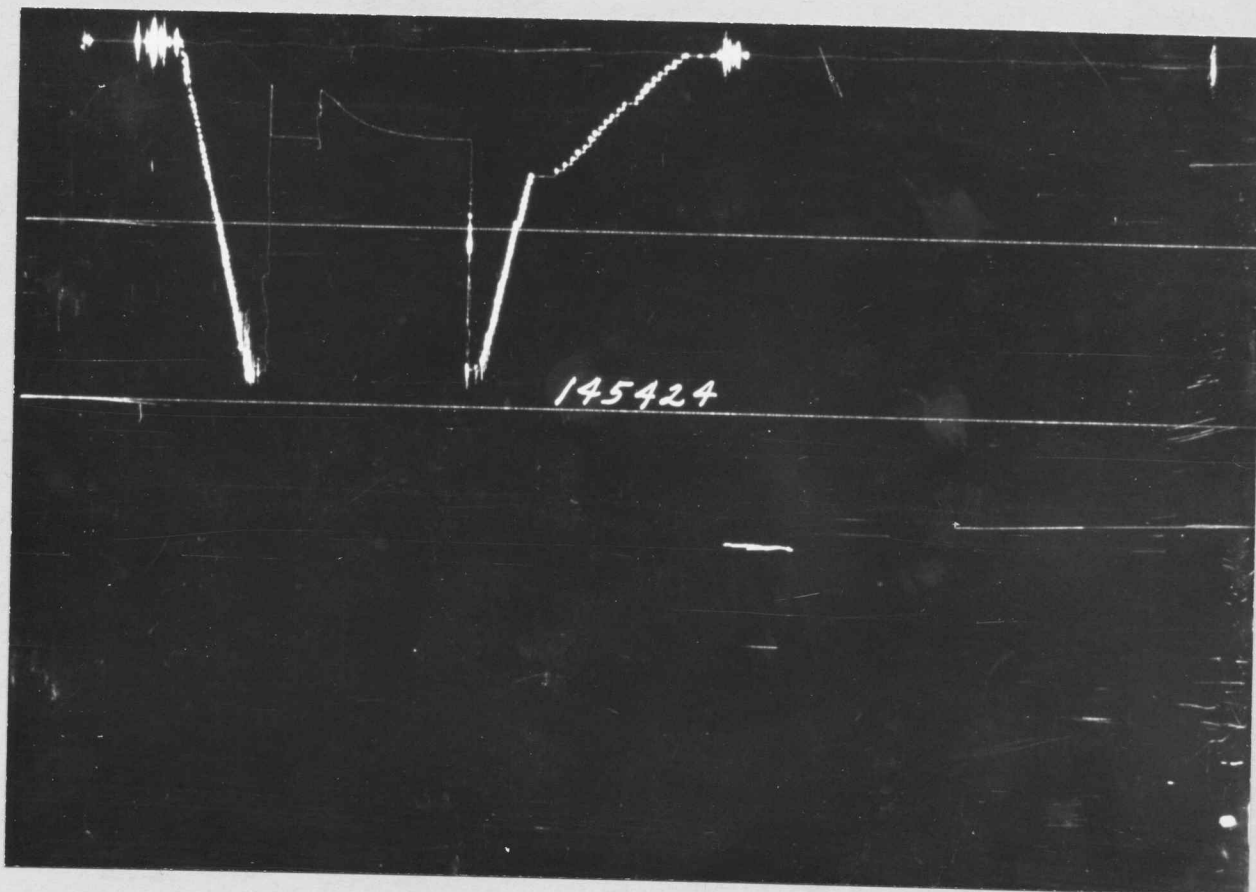


↑
PRESSURE
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← TIME →

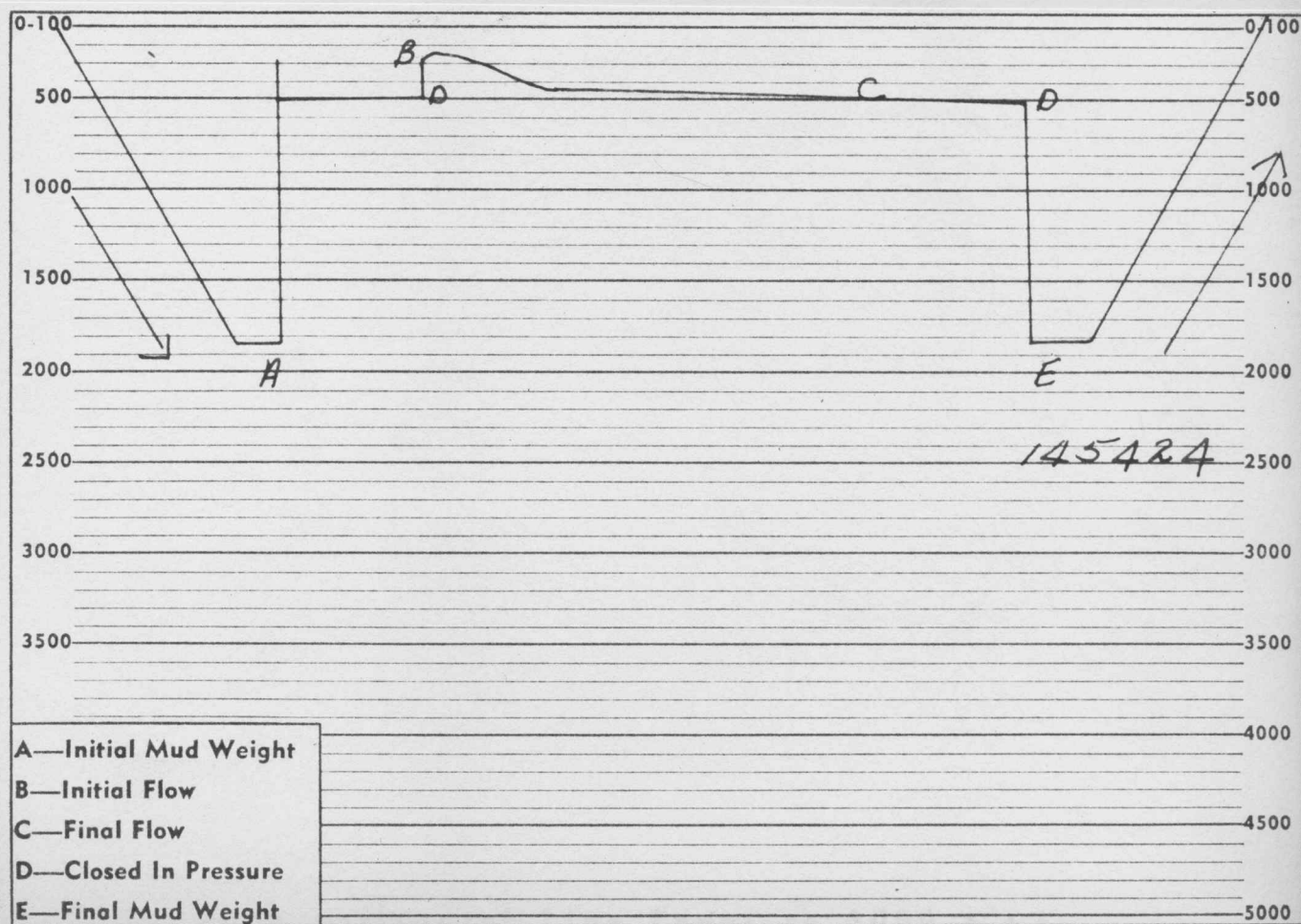


Initial Closed In Time 30 Minutes			Date 10-12-57		LOCATION 33-15-10 FIELD COUNTY ELLISWORTH STATE KANSAS
Tool Open Flow Period 60 Minutes			Ticket No. 145424		
Final Closed In Time 30 Minutes			HOWCO DISTRICT Hays, Kansas		
Depth Top Gauge 3251 Ft. Blanked Off No			Kind of Job Open Hole Test		
BT. P.R.D. No 526 12 Hr. Clock		CONTRACTOR Lewis Drilling Company			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 1824		Elevation 1769 KB		Top Packer Depth 3250'	
Initial Closed in Pres. 527		Total Depth 3285'		Bottom Packer Depth -	
Initial Flow Pres. 248		Casing or Hole Size 7-7/8"		Size & Type Wall Packer 6-3/4" SE	
Final Flow Pres. 497		Liner or Rathole Size 7-7/8"		Size Bottom Choke 5/8"	
Final Closed in Pres. 508		Casing Perforations Top Bottom		Size Surface Choke 1/4"	
Final Hydro Mud Pressure 1800		Interval Tested 3250'-3285'		ID & Length Air Chamber 3-1/2" X 12'	
Depth Center Gauge Ft. Blanked Off		Formation Tested Simpson		ID & Length Drill Collars -	
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. 103° Actual F°		Size Drill Pipe 4-1/2"	
Pressure Readings Field Office Corrected		MUD DATA Weight 10.4		Viscosity 50	
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Set packer, opened tool 7:30 AM			
Initial Flow Pres.		to take a 30 minute Initial Closed in			
Final Flow Pres.		Pressure. Tool opened with a strong blow			
Final Closed in Pres.		at 8:00 AM that lasted throughout test.			
Final Hydro Mud Pressure		Tool closed at 9:00 AM to take a 30 minute			
Depth Bottom Gauge 3281 Ft. Blanked Off Yes		Final Closed in Pressure. Off bottom at			
BT. P.R.D. No 1866 - Hr. Clock		9:30 AM.			
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 60		Feet of gas.	
Initial Flow Pres.		Recovered 250		Feet of free oil.	
Final Flow Pres.		Recovered 1150		Feet of froggy oil.	
Final Closed in Pres.		Recovered		Feet of	
Final Hydro Mud Pressure		Witnessed By Mr. Henderson			
Amount-Type of Cushion 12' air		Tester E. L. Sanders			



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PRESSURE
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← TIME →



Company HENDERSON OIL COMPANY Date 10-12-57

Lease ZVOLANEK "B" Well No. 2 Test No. 2 Ticket No. 145424

	Time	PSI
Initial Hydro Mud Pressure		1824
Initial Closed In Pressure	30 Mins.	527
Initial Flow		248
Final Flow	60 Mins.	497
Final Closed In Pressure	30 Mins.	508
Final Hydro Mud Pressure		1800

Total Depth 3285'

Packer Depth 3250'

BT No. 526 Depth 3251'

12 Hr. Clock No. -

Temperature Corrected to Actual 103 F

	Initial CIP		Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
P0	.000	225				
P1	.020	514				
P2	.040	514				
P3	.060	516				
P4	.080	516				
P5	.100	516				
P6	.120	518				
P7	.140	519				
P8	.160	527				
P9	.180	527				
P10	.200	527				
3	Minute Intervals		Minute Intervals		Minute Intervals	

Remarks: