

Initial Closed In Time 30 Minutes			Date 6-18-59		LOCATION NE NW SE SEC. 25-11S-8E WELL NO. 4 TEST NO. 1
Tool Open Flow Period 2-120 Minutes			Ticket No. 210769		
Final Closed In Time 30 Minutes			HOWCO DISTRICT El Dorado		
Depth Top Gauge 1699 Ft. Blanked Off No			Kind of Job Open Hole		
BT. P.R.D. No 537 12 Hr. Clock		CONTRACTOR White and Ellis Drilling Co.			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 850 848		Elevation 1367' KB		Top Packer Depth 1697'	
Initial Closed in Pres. 590 579		Total Depth 1720'		Bottom Packer Depth -	
Initial Flow Pres. 58 63-69		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" ESWP	
Final Flow Pres. 290 57-291		Liner or Rathole Size -		Size Bottom Choke 3/4"	
Final Closed in Pres. 545 537		Casing Perforations Top Bottom		Size Surface Choke 1"	
Final Hydro Mud Pressure - 834		Interval Tested 1697-1720'		ID & Length Air Chamber -	
Depth Center Gauge 1716 Ft. Blanked Off Yes		Formation Tested Hunton		ID & Length Drill Collars 86' x 2 1/4"	
BT. P.R.D. No 1982 - Hr. Clock		Est. Gauge Depth Temp. ACTUAL 76 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 Kelly Bushing		No...Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Opened tool 2:08 for a 2 minute flow.			
Initial Flow Pres.		Rotated tool closed for a 30 minute Initial			
Final Flow Pres.		Closed in Pressure. Reopened tool with a			
Final Closed in Pres.		fair blow throughout test. Took a 30 minute			
Final Hydro Mud Pressure		Final Closed in Pressure.			
Depth Bottom Gauge Ft. Blanked Off					
BT. P.R.D. No Hr. Clock					
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 230		Feet of Free oil	
Initial Flow Pres.		Recovered 70		Feet of Heavy mud cut oil	
Final Flow Pres.		Recovered 180		Feet of Heavy oil cut mud	
Final Closed in Pres.		Recovered 180		Feet of Water	
Final Hydro Mud Pressure		Witnessed By Warren Morris			
Amount-Type of Cushion -		Tester W. L. Gasperson			

YACHE

LEASE NAME

WELL NO.

TEST NO.

CITIES SERVICE OIL COMPANY

LEASE OWNER

OWNERS DISTRICT

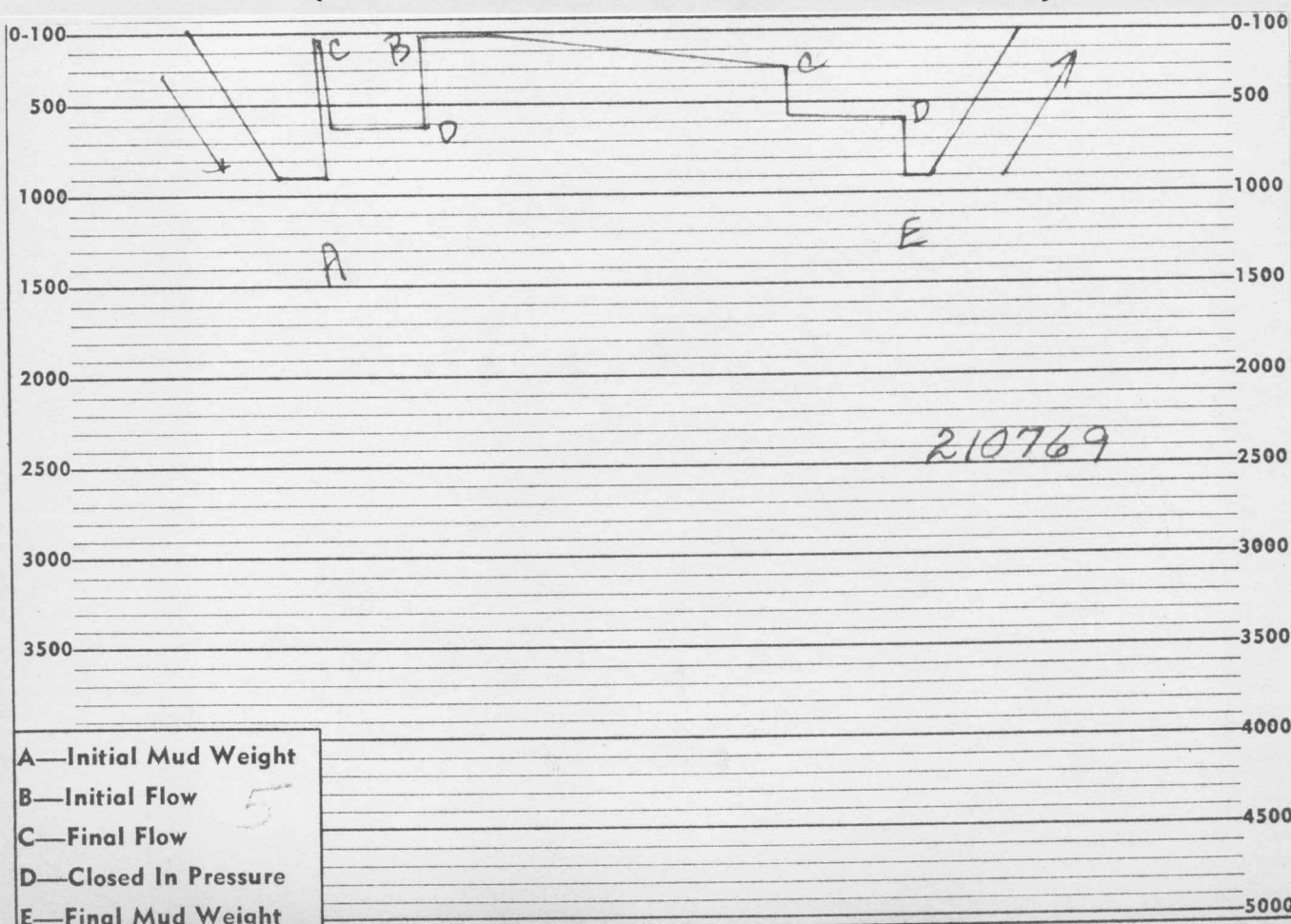
25-11-8E



210769

↑
PRESSURE
↓

← TIME →



210769

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

Each horizontal line equal to 1000 p.s.i.

Company CITIES SERVICE OIL COMPANY

Date 6-18-59

		Time	PSI					
Initial Hydro Mud Pressure			848		Ticket No. 210769			
1st	Initial Flow		63					
	Final Flow	2 Minutes	57		Lease YAEGE			
Initial Closed In Pressure		30 Minutes	579		Well No. 4 Test No. 1			
2nd	Initial Flow		69		BT No. 537 Depth 1699'			
	Final Flow	120 Minutes	291		12 Hr. Clock No. 1793			
Final Closed In Pressure		30 Minutes	537		Temperature Corrected to Actual 76 ° F			
Final Hydro Mud Pressure			834					
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	57	.000	69	.000	291
P1			.0205	546	.008	105	.0205	486
P2			.041	564	.196	140	.041	503
P3			.0615	570	.294	173	.0615	513
P4			.082	575	.392	201	.082	519
P5			.1025	576	.490	226	.1025	523
P6			.123	577	.588	251	.123	527
P7			.1435	579	.686	271	.1435	530
P8			.164	579	.784	291	.164	533
P9			.1845	579			.1845	536
P10			.205	579			.205	537
	Minute Intervals	3	Minute Intervals	15	Minute Intervals	3	Minute Intervals	

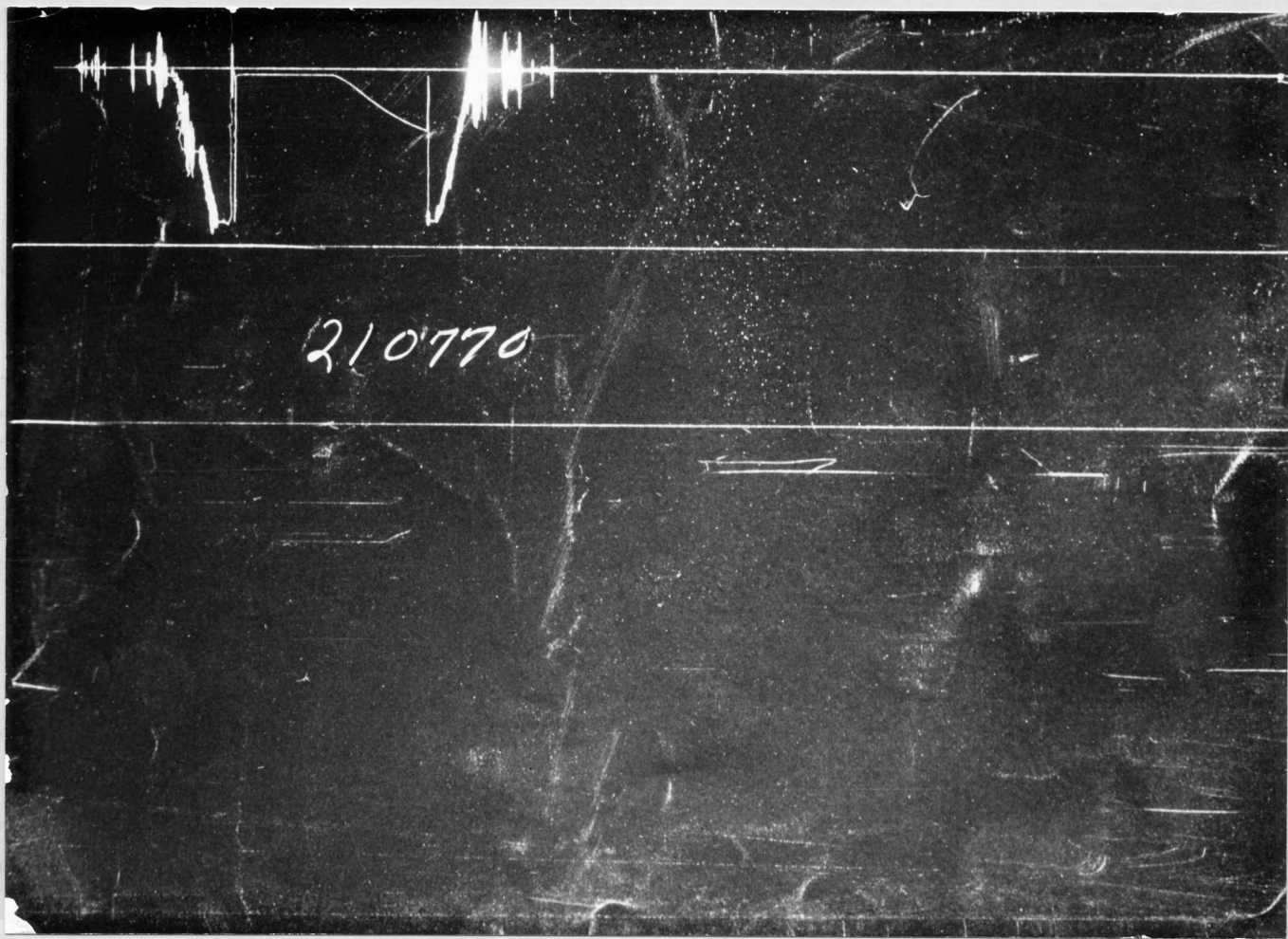
Remarks:

Initial Closed In Time		Minutes		Date		6-19-59	
Tool Open Flow Period		60		Ticket No.		210770	
Final Closed In Time		60		HOWCO DISTRICT		EL DORADO	
Depth Top Gauge		1720		Kind of Job		OPEN HOLE TEST	
BT. P.R.D. No		537	12 Hr. Clock		CONTRACTOR		
Pressure Readings		Field	Office Corrected		HOLE & TOOL DATA		
Initial Hydro Mud Pressure		868	Elevation		1367' K. B. Top Packer Depth -		
Initial Closed in Pres.			Total Depth		1744' Bottom Packer Depth 1720		
Initial Flow Pres.		43	Casing or Hole Size		7 7/8" Size & Type Wall Packer 6 3/4"		
Final Flow Pres.		43	Liner or Rathole Size		7 7/8" Size Bottom Choke 3/4"		
Final Closed in Pres.		343	Casing Perforations		Top Bottom Size Surface Choke 1"		
Final Hydro Mud Pressure		855	Interval Tested		1720 to 1744' ID & Length Air Chamber -		
Depth Center Gauge		1742' Ft.	Blanked Off Yes		Formation Tested HUNTON ID & Length Drill Collars -		
BT. P.R.D. No		1982	12 Hr. Clock		Est. Gauge Depth Temp. 100 F° Size Drill Pipe 3 1/2" MOD		
Pressure Readings		Field	Office Corrected		MUD DATA Weight 9.6 Viscosity 39		
Initial Hydro Mud Pressure			All depths measured from		KELLY BUSHING No. Folders Reproduced 5		
Initial Closed in Pres.			REMARKS: Interval tested from 1720' to 1744'				
Initial Flow Pres.			in the Hunton. Tool opened @ 3:30 P. M. with				
Final Flow Pres.			a weak blow and died in 15 minutes, closed				
Final Closed in Pres.			in pressure taken @ 4:30 P. M., and started				
Final Hydro Mud Pressure			off bottom @ 5:30 P. M.				
Depth Bottom Gauge		Ft.	Blanked Off				
BT. P.R.D. No			Hr. Clock				
Pressure Readings		Field	Office Corrected				
Initial Hydro Mud Pressure							
Initial Closed in Pres.			Recovered		50' Feet of Drilling 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 MR. WARREN MORRIS				
Amount-Type of Cushion		NONE	Tester W. L. GASPERSOON				

LOCATION SEC: 25-11-8e-NE-NW-SE
 FIELD WILDCAT
 COUNTY RILEY
 STATE KANSAS

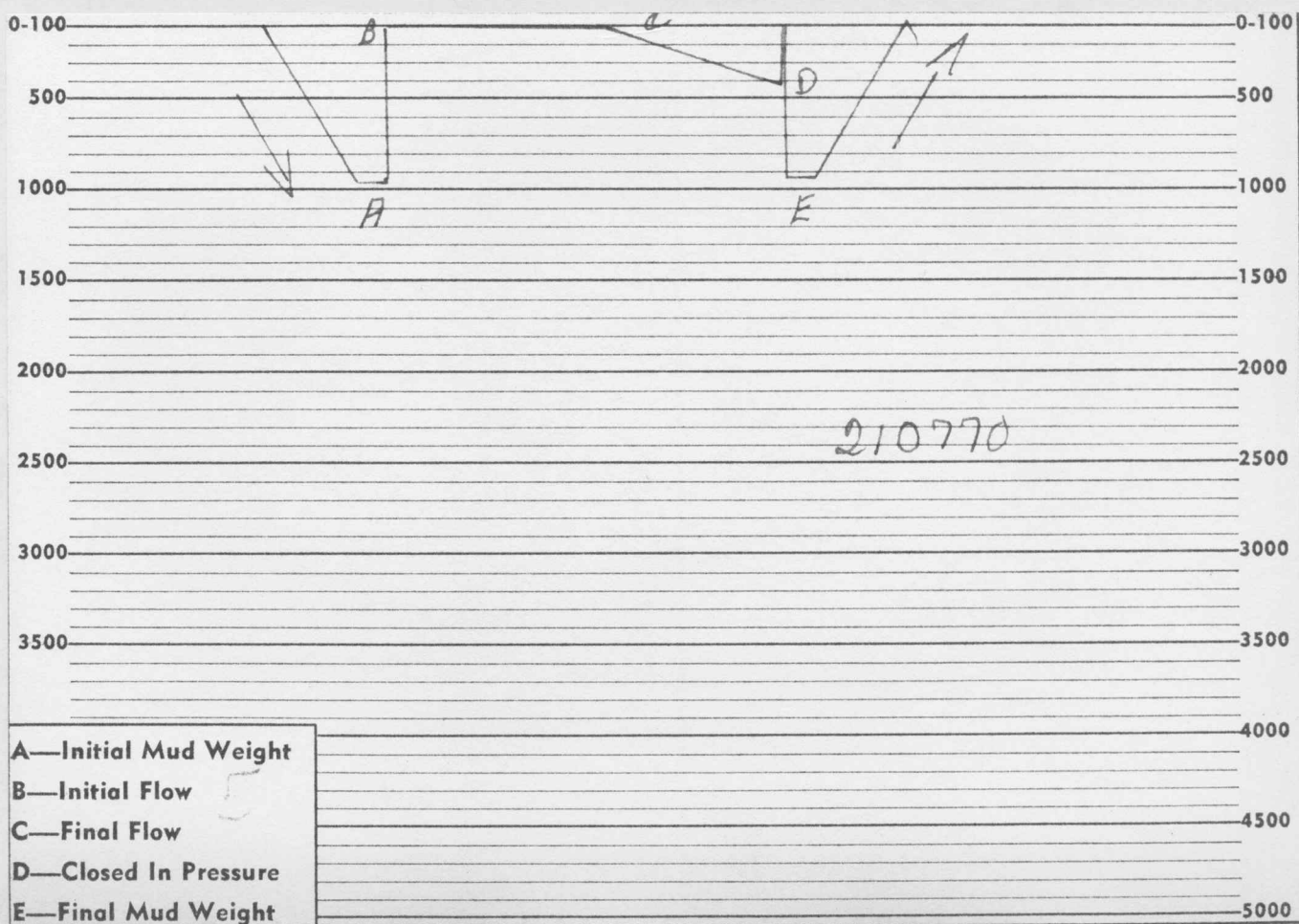
YALIGE
 LEASE NAME
 WELL NO.
 TEST NO.
 LEASE OWNER
 OWNERS DISTRICT

4
 2
 CITIES SERVICE OIL COMPANY
 MADISON
 25-11-8E



↑
PRESSURE
↓

← TIME →



Each horizontal line equal to 1000 psi.

Initial Closed In Time 30 Minutes			Date 6-21-59	
Tool Open Flow Period 2-120 Minutes			Ticket No. 210771	
Final Closed In Time 60 Minutes			HOWCO DISTRICT ELDORADO, KANSAS	
Depth Top Gauge 1758 Ft. Blanked Off No			Kind of Job OPEN HOLE	
BT. P.R.D. No 537 12 Hr. Clock		CONTRACTOR WHITE & ELLIS DRILLING COMPANY		
Pressure Readings Field Office Corrected		HOLE & TOOL DATA		
Initial Hydro Mud Pressure 850 854		Elevation 1367 K.B.	Top Packer Depth ----	
Initial Closed in Pres. 605 603		Total Depth 1776'	Bottom Packer Depth 1756'	
Initial Flow Pres. 58 70-115		Casing or Hole Size 7 7/8"	Size & Type Well Packer 6 3/4" E.S.W.P.	
Final Flow Pres. 605 86-603		Liner or Rathole Size ----	Size Bottom Choke 3/4"	
Final Closed in Pres. 605 603		Casing Perforations Top Bottom	Size Surface Choke 1"	
Final Hydro Mud Pressure 846		Interval Tested 1756'-1776'	ID & Length Air Chamber ----	
Depth Center Gauge Ft. Blanked Off Yes		Formation Tested HUNTON	ID & Length Drill Collars 86 x 2 1/4"	
BT. P.R.D. No 1982 12 Hr. Clock		Est. Gauge Depth Temp. Actual 76 F	Size Drill Pipe 3 1/2 I.F.	
Pressure Readings Field Office Corrected		MUD DATA Weight 9.8	Viscosity 36	
Initial Hydro Mud Pressure		All depths measured from KELLY BUSHING		No. Folders Reproduced 5
Initial Closed in Pres.		REMARKS: Opened tool for 2 minute first flow		
Initial Flow Pres.		at 2:23. Closed tool for 30 minute initial		
Final Flow Pres.		closed in pressure. Re-opened tool 120		
Final Closed in Pres.		minutes with good blow which was dead in		
Final Hydro Mud Pressure		60 minutes. Took 60 minute final closed in		
Depth Bottom Gauge Ft. Blanked Off		pressure.		
BT. P.R.D. No Hr. Clock		NO SPECIAL READING DUE TO EQUILIZATION OF		
Pressure Readings Field Office Corrected		PRESSURE.		
Initial Hydro Mud Pressure				
Initial Closed in Pres.		Recovered 1325	Feet of	Water
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 WARREN MORRIS		
Amount-Type of Cushion ----		Tester W. L. GASPERSON		

LOCATION Sec. 25-11S-8E

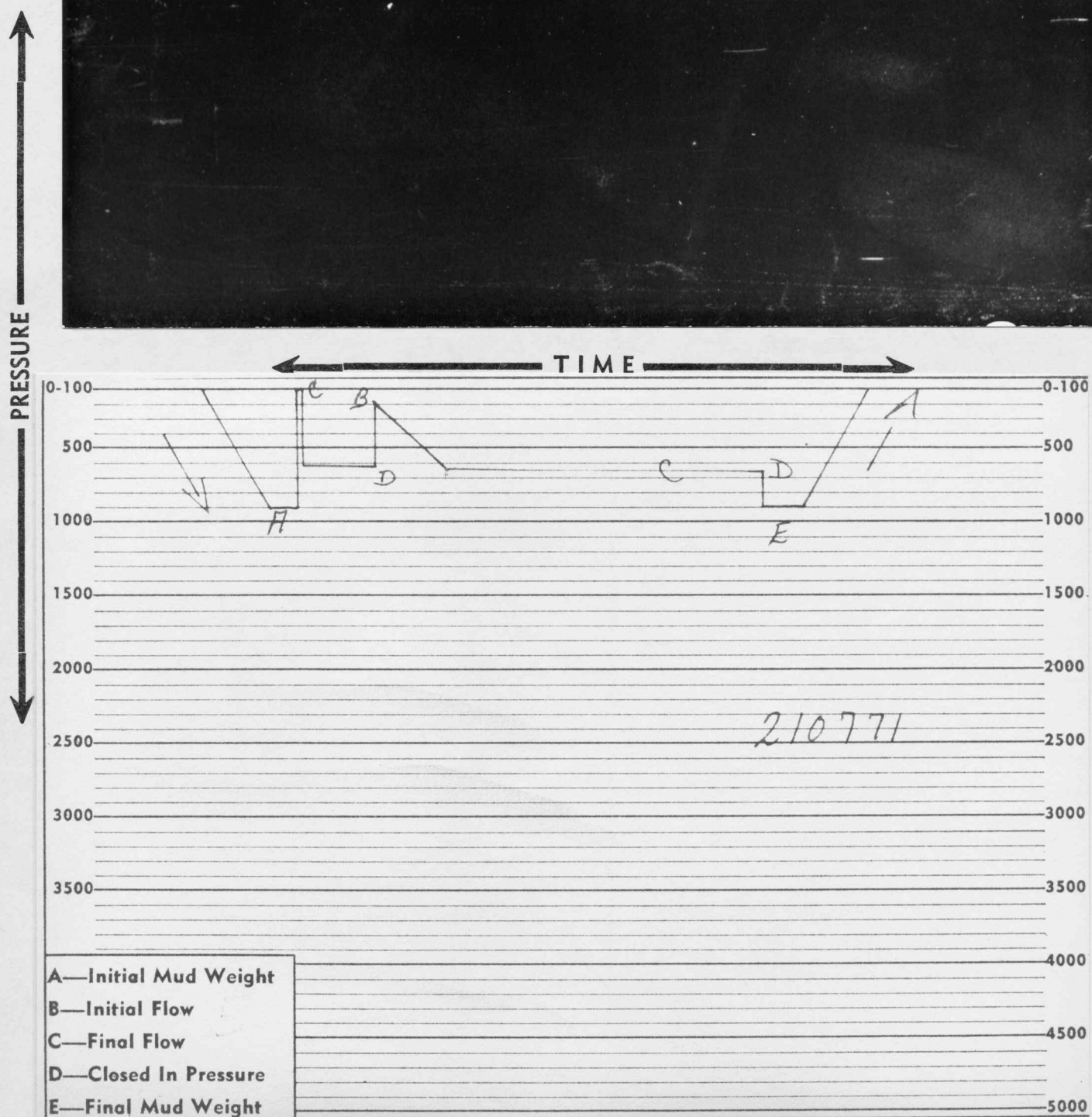
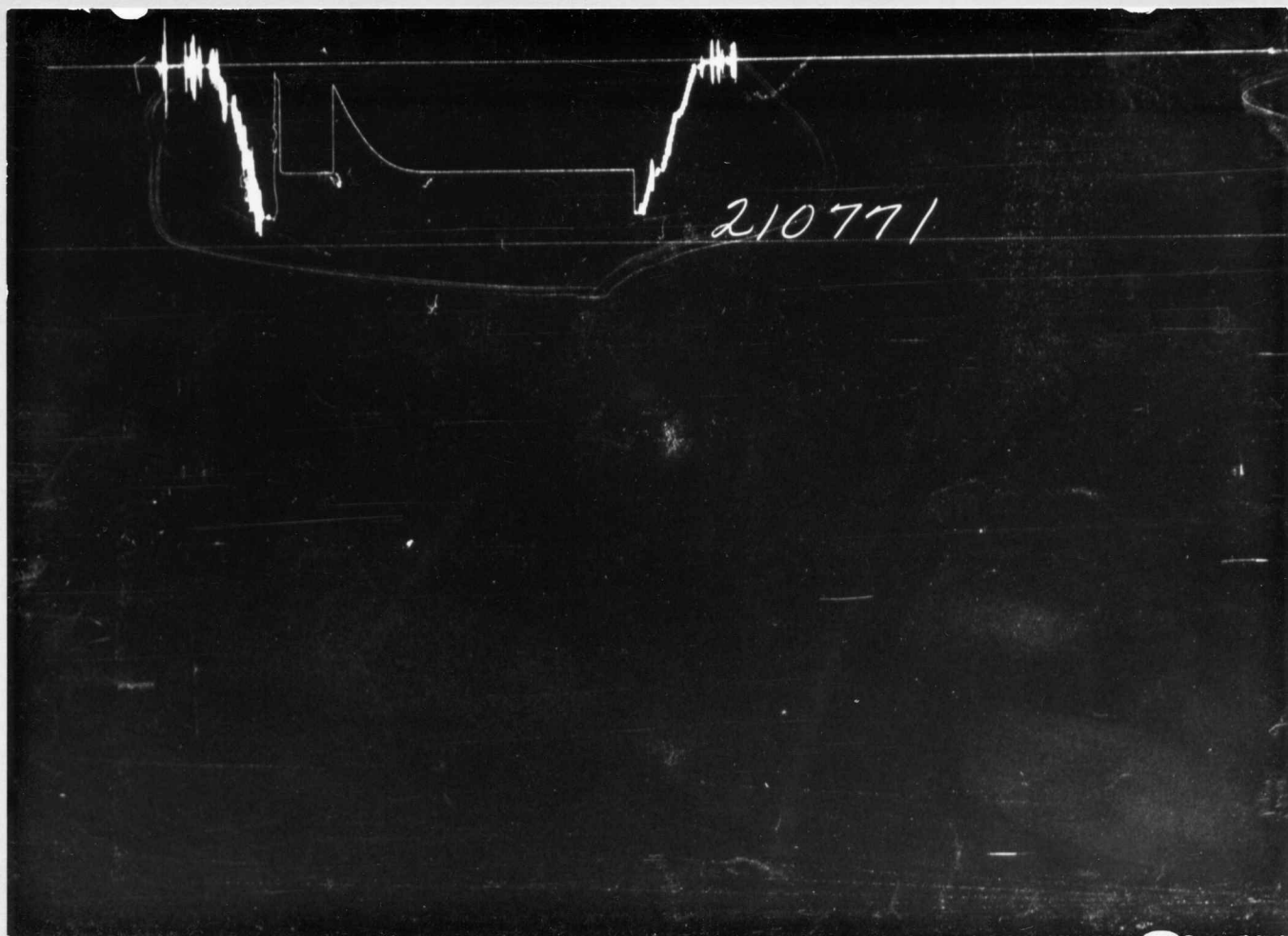
FIELD

WILDCAT

COUNTY RILEY

STATE KANSAS

TAECE
 LEASE NAME
 WELL NO. 4
 TEST NO. 3
 CITIES SERVICE OIL COMPANY
 LEASE OWNER
 OWNERS DISTRICT 25-11-8E



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