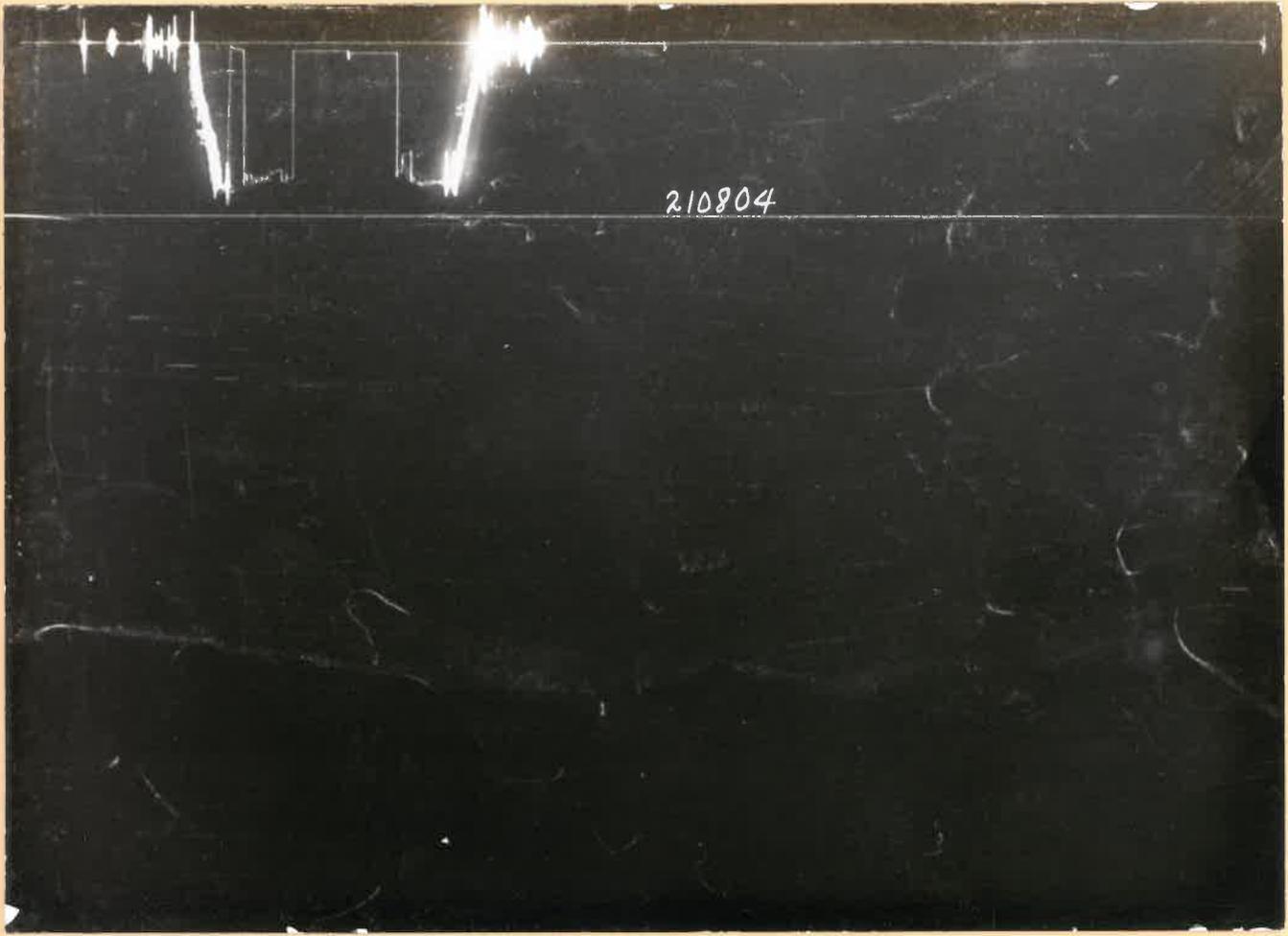


GEHRT
 LEASE NAME
 SW SW NW
 LOCATION Sec. 25-11S-8E
 WELL NO. 4
 TEST NO. 1
 CITIES SERVICE OIL COMPANY
 LEASE OWNER
 MADISON
 OWNERS DISTRICT 25-11-8E

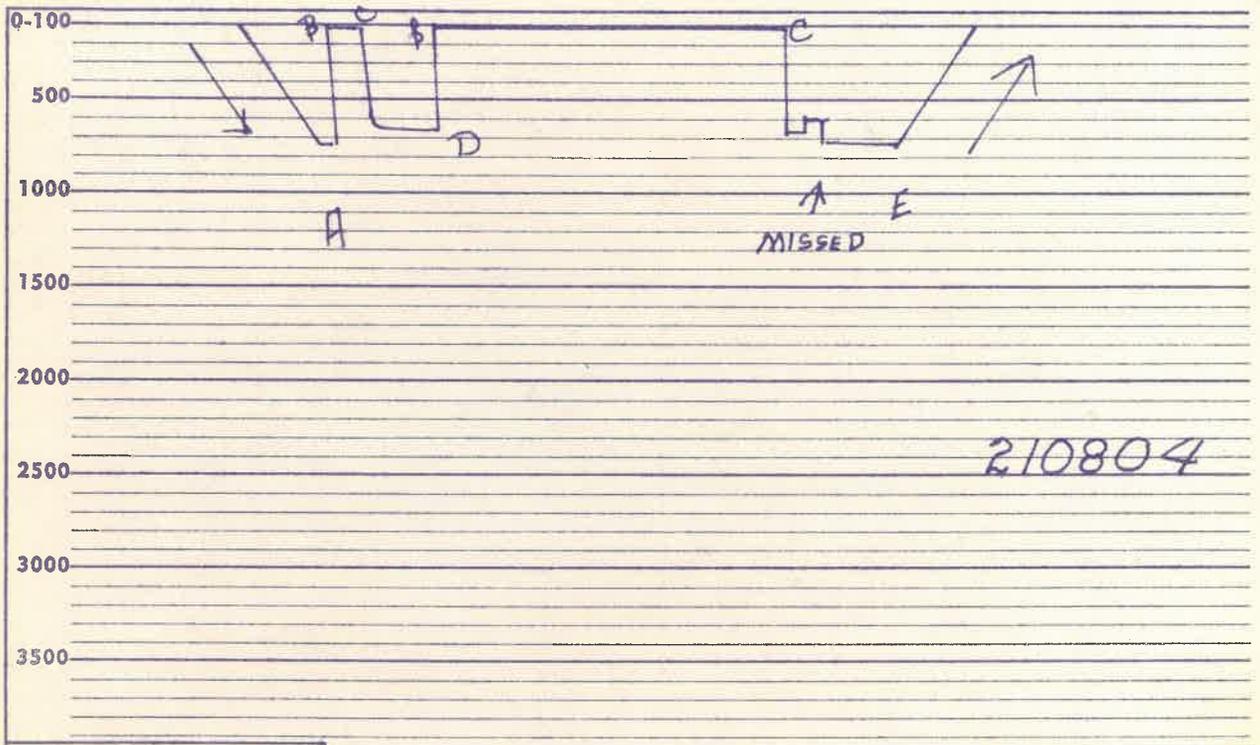


Initial Closed In Time	30	Minutes	Date	10-19-59
Tool Open Flow Period	5	1st / 2nd / 60	Ticket No.	210804
Final Closed In Time	30	Minutes	HOWCO DISTRICT	El Dorado
Depth Top Gauge	1585	Ft. Blanked Off No	Kind of Job	Open Hole
BT. P.R.D. No	396	12 Hr. Clock	CONTRACTOR White & Ellis Drlg Inc.	
Pressure Readings	Field	Office Corrected	HOLE & TOOL DATA	
Initial Hydro Mud Pressure	835	831	Elevation	1285'KB Top Packer Depth -
Initial Closed in Pres.	805	780	Total Depth	1604' Bottom Packer Depth 1590'
Initial Flow Pres.	15-	22-46	Casing or Hole Size	7 7/8" Size & Type Wall Packer 6 3/4"ESWP
Final Flow Pres.	60	40-59	Liner or Rathole Size	7 7/8" Size Bottom Choke 3/4"
Final Closed in Pres.	805	missed	Casing Perforations	Top Bottom Size Surface Choke 1"
Final Hydro Mud Pressure	835 538	803	Interval Tested	1590-1604' ID & Length Air Chamber -
Depth Center Gauge	Ft.	Blanked Off	Formation Tested	Hunton ID & Length Drill Collars 84x 2 1/4"
BT. P.R.D. No		Hr. Clock	Est. Gauge Depth Temp.	calc. 100 F. Size Drill Pipe 3 1/2" FF
Pressure Readings	Field	Office Corrected	MUD DATA Weight	9.8 Viscosity 42
Initial Hydro Mud Pressure			All depths measured from	Kelly Bushing No. Folders Reproduced 5
Initial Closed in Pres.			REMARKS: Tool open for 5 mins 1st flow.	
Initial Flow Pres.			at 10:55PM. Rotated for 30 minute in-	
Final Flow Pres.			itial closed in pressure. Reopened	
Final Closed in Pres.			tool with a weak blow, dead in 15 mins	
Final Hydro Mud Pressure			Flushed and dead in 15 minutes. Took	
Depth Bottom Gauge	1600	Ft. Blanked Off Yes	a 30 minute final closed in pressure.	
BT. P.R.D. No	1510	12 Hr. Clock	NO SPECIAL READING ADAPTABLE.	
Pressure Readings	Field	Office Corrected		
Initial Hydro Mud Pressure				
Initial Closed in Pres.			Recovered	86 Feet of oil cut 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	Warren Morris
Amount-Type of Cushion	-		Tester	W. L. Gasperson



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.

GERHRT

LEASE NAME

WELL NO.

TEST NO.

CITIES SERVICE OIL COMPANY

LEASE OWNER

MADISON

OWNERS DISTRICT

25-11-8E

LOCATION SW SW NW SEC 25-11-8E

FIELD

YABEE

COUNTY

RILEY

STATE

KANSAS



Date 10-20-59
 Ticket No. 210805
 HOWCO DISTRICT El Dorado
 Kind of Job Open Hole

Initial Closed In Time 30 Minutes
 Tool Open Flow Period 1st 5 / 2nd 60 Minutes
 Final Closed In Time 30 Minutes

Depth Top Gauge 1600 Ft. Blanked Off No

BT. P.R.D. No 396 12 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 820 812

Initial Closed in Pres. 555 546

Initial Flow Pres. 0 15-19

Final Flow Pres. 15 15-24

Final Closed in Pres. 420 412

Final Hydro Mud Pressure 809

Depth Center Gauge Ft. Blanked Off

BT. P.R.D. No Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure

Initial Closed in Pres.

Initial Flow Pres.

Final Flow Pres.

Final Closed in Pres.

Final Hydro Mud Pressure

Depth Bottom Gauge 1618 Ft. Blanked Off Yes

BT. P.R.D. No 1510 12 Hr. Clock

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure

Initial Closed in Pres.

Initial Flow Pres.

Final Flow Pres.

Final Closed in Pres.

Final Hydro Mud Pressure

Amount-Type of Cushion -

CONTRACTOR WHITE & ELLIS DRILLING INC.

HOLE & TOOL DATA

Elevation 1285' KB Top Packer Depth -

Total Depth 1622' Bottom Packer Depth 1604'

Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4"

Liner or Rathole Size 7 7/8" Size Bottom Choke 3/4"

Casing Perforations Top Bottom Size Surface Choke 1"

Interval Tested 1604-1622' ID & Length Air Chamber -

Formation Tested Hunton ID & Length Drill Collars 84' x 2 1/4"

Est. Gauge Depth Temp. Actual 82 F° Size Drill Pipe 3 1/2" IF

MUD DATA Weight 10.7 Viscosity 38

All depths measured from Kelly Bushing No. Folders Reproduced 5

REMARKS: tool opened for a 5 minute First Flow. Rotated tool for a 30 minute Initial Closed in Pressure. Tool re-opened with a very weak blow which died in 5 minutes, flushed with a weak blow for 1 minute. Took a 30 minute Final Closed in Pressure.

Recovered 30 Feet of Oil cut mud

Recovered Feet of

Recovered Feet of

Recovered Feet of

Recovered Feet of

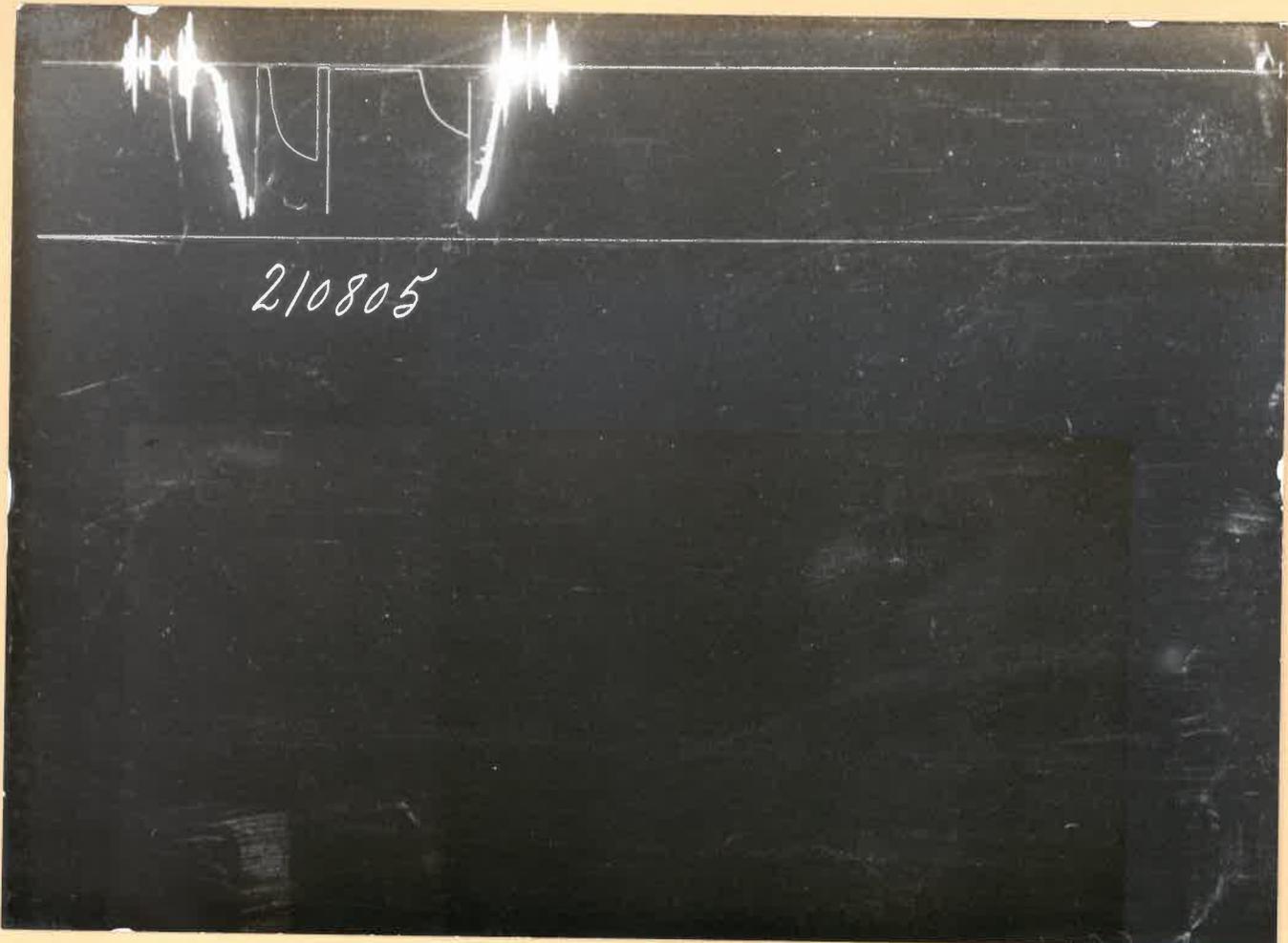
Witnessed By Warren Morris

Tester W.L. Gasperson

	Time	PSI	Ticket No. 210805 Lease GEHRT Well No. 4 Test No. 2 BT No. 396 Depth 1600' 12 Hr. Clock No. 1793 Temperature Corrected to Actual 82 ° F
Initial Hydro Mud Pressure		812	
1st	Initial Flow	15	
	Final Flow	5 Minutes 15	
Initial Closed In Pressure	30 Minutes	546	
2nd	Initial Flow	19	
	Final Flow	60 Minutes 24	
Final Closed In Pressure	30 Minutes	412	
Final Hydro Mud Pressure		809	

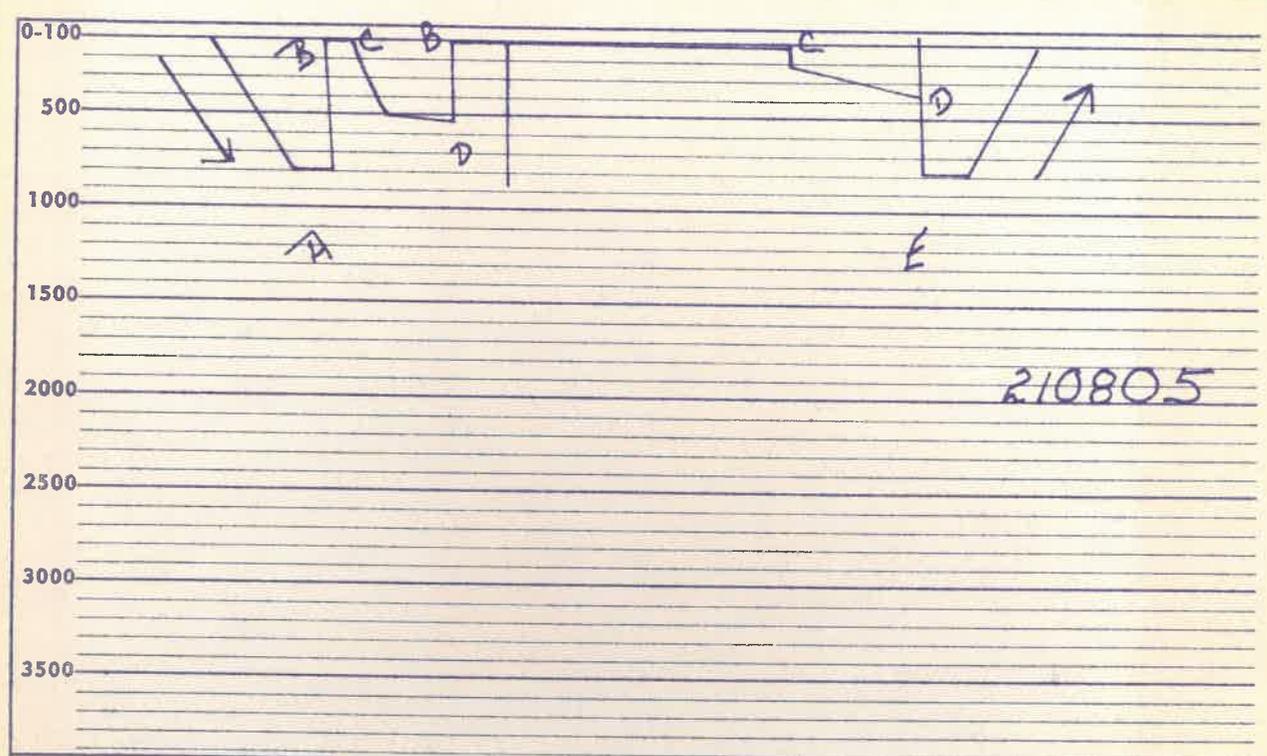
	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Temp. Corr.
P0			.000	15	.000	19	.000	24
P1			.0195	229	.400	24	.020	139
P2			.039	344			.040	228
P3			.0585	419			.060	274
P4			.078	457			.080	305
P5			.0975	484			.100	331
P6			.117	504			.120	352
P7			.1365	522			.140	368
P8			.156	534			.160	383
P9			.1755	546			.180	397
P10			.195	546			.200	412
	Minute Intervals		3	Minute Intervals		Minute Intervals	3	Minute Intervals

Remarks:



PRESSURE

TIME



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

HOWCO 1383—LITTLE'S 59248 SM 5/59

Each Horizontal Line Equal to 1000 p s i

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

Initial Closed In Time	30	Minutes
Tool Open Flow Period	5 / 60	Minutes
Final Closed In Time	30	Minutes
Depth Top Gauge	1617	Ft.
Blanked Off	No	No
BT. P.R.D. No	396	12 Hr. Clock
Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	835	836
Initial Closed in Pres.	580	583
Initial Flow Pres.	30	24-100
Final Flow Pres.	420	90-424
Final Closed in Pres.	570	580
Final Hydro Mud Pressure		824
Depth Center Gauge		Ft.
Blanked Off		
BT. P.R.D. No		Hr. Clock
Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pres.		
Initial Flow Pres.		
Final Flow Pres.		
Final Closed in Pres.		
Final Hydro Mud Pressure		
Depth Bottom Gauge	1631	Ft.
Blanked Off	Yes	Yes
BT. P.R.D. No	1510	12 Hr. Clock
Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pres.		
Initial Flow Pres.		
Final Flow Pres.		
Final Closed in Pres.		
Final Hydro Mud Pressure		



Date 10-21-59
 Ticket No. 210806
 HOWCO DISTRICT El Dorado
 Kind of Job Open Hole

CONTRACTOR WHITE & ELLIS DRILLING INC.

HOLE & TOOL DATA

Elevation 1285' KB Top Packer Depth -
 Total Depth 1635' Bottom Packer Depth 1622'
 Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4" ESWP
 Liner or Rathole Size 7 7/8" Size Bottom Choke 3/4"
 Casing Perforations Top Bottom Size Surface Choke 1"
 Interval Tested 1622-1635' ID & Length Air Chamber -
 Formation Tested Hunton ID & Length Drill Collars 84' x 2 1/4"
 Est. Gauge Depth Temp. Actual 84 F° Size Drill Pipe 3 1/2" IF
 MUD DATA Weight 9.8 Viscosity 40
 All depths measured from Kelly Bushing No...Folders Reproduced 5

REMARKS: Tool opened for a 5 minute First Flow. Rotated tool for a 30 minute Initial Closed in Pressure. Tool re-opened with a strong blow. Took a 30 minute Final Closed in Pressure.

Recovered 1000 Feet of Free oil
 Recovered 60 Feet of Oil cut mud
 Recovered Feet of
 Recovered Feet of

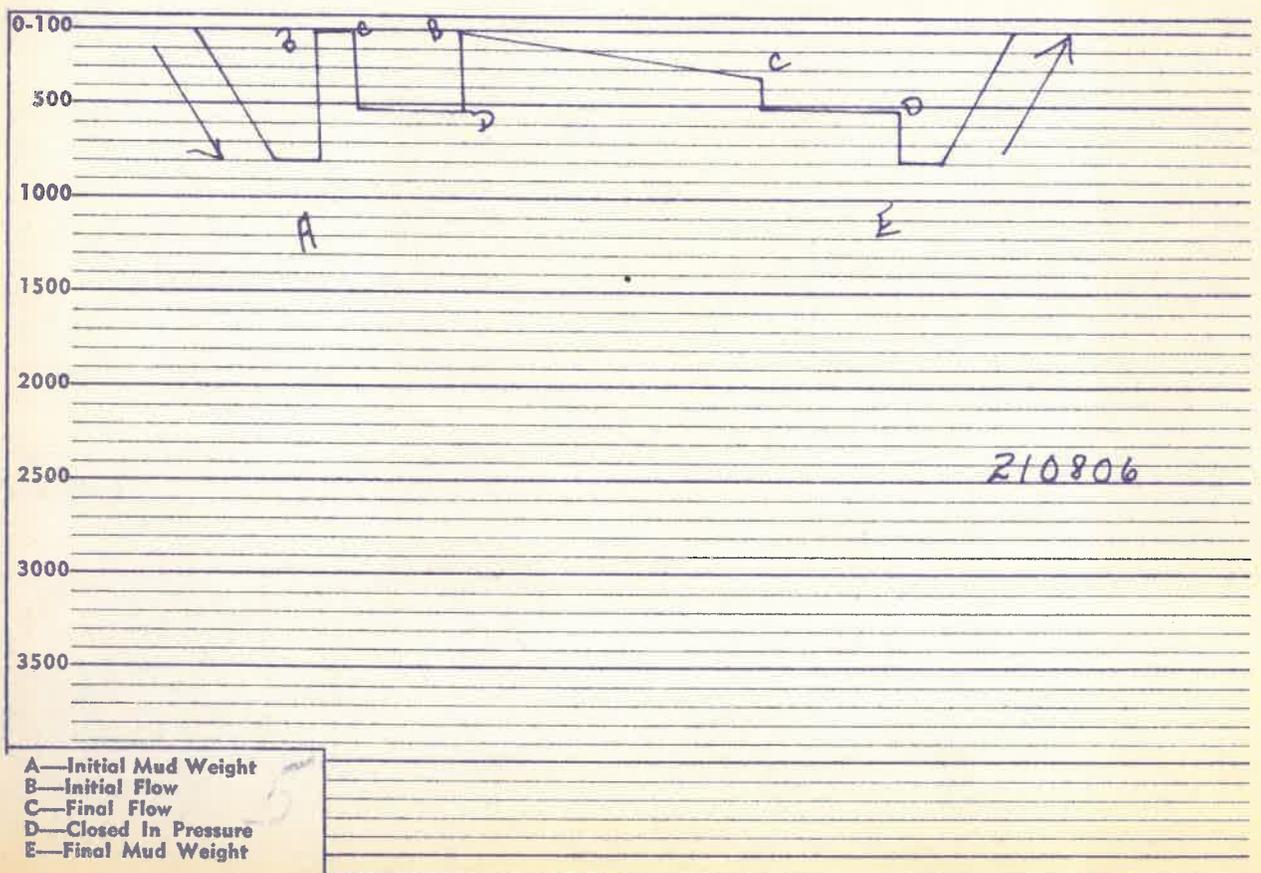
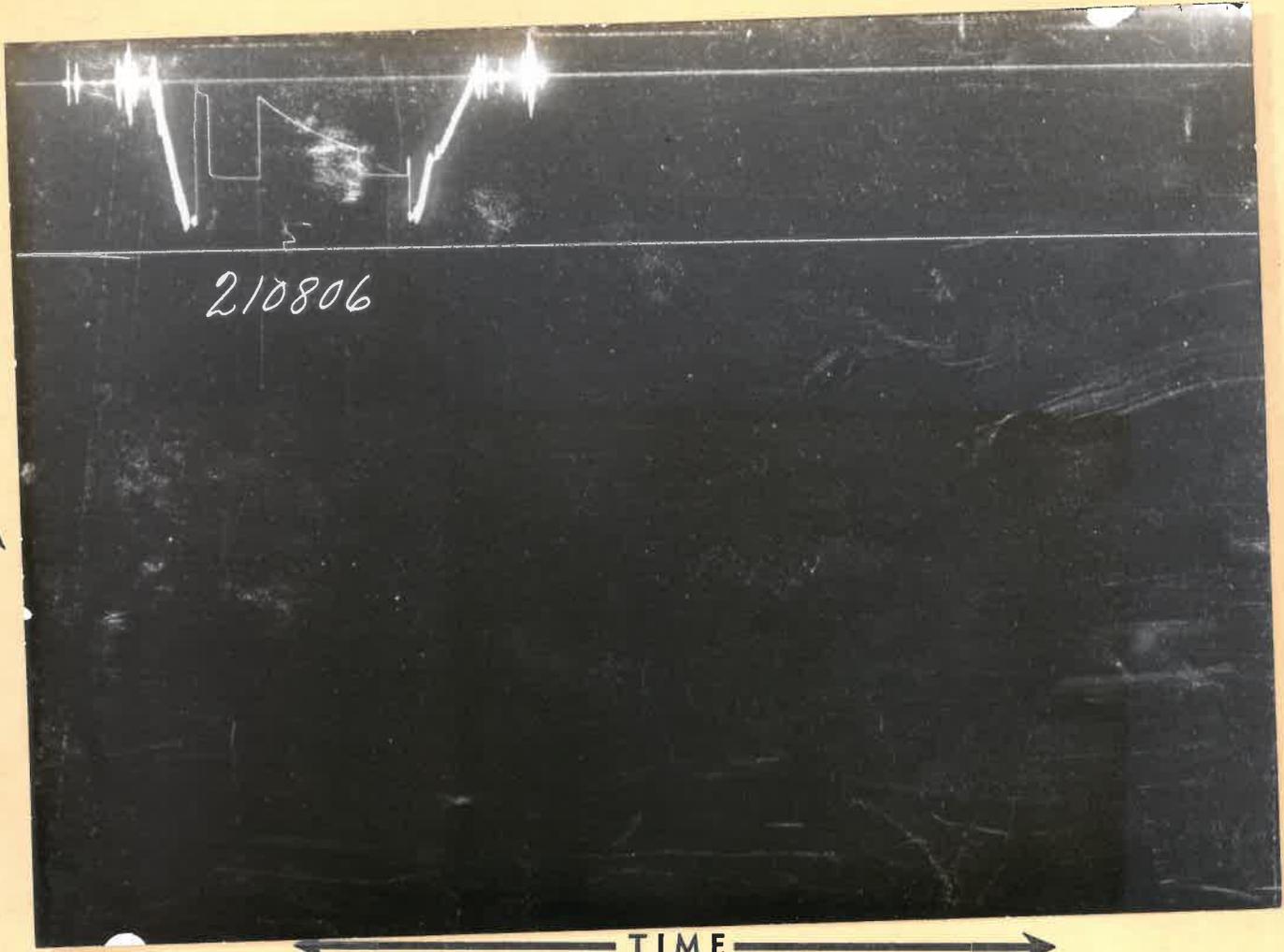
Witnessed By Warren Morris
 Tester W.L. Gasperson

LOCATION SW SW NW SEC 25-11-5-8E
 FIELD
 TAGEE
 COUNTY RILEY
 STATE KANSAS

	Time	PSI	Ticket No. 210806 Lease GEHRT Well No. 4 Test No. 3 BT No. 396 Depth 1613' 12 Hr. Clock No. 1793 Temperature Corrected to Actual 84 ° F
Initial Hydro Mud Pressure		836	
1st	Initial Flow	QUESTIONABLE	
	Final Flow	24	
	5 Minutes	90	
Initial Closed In Pressure	30 Minutes	583	
2nd	Initial Flow	100	
	Final Flow	424	
Final Closed In Pressure	30 Minutes	580	
Final Hydro Mud Pressure		824	

	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	QUESTIONABLE	24	.000	90	.000	100	.000	424
P1	.009	64	.0205	564	.100	211	.020	567
P2	.018	76	.041	572	.200	298	.040	571
P3	.027	84	.0615	575	.300	311	.060	574
P4	.036	88	.082	577	.400	424	.080	575
P5	.045	90	.1025	580			.100	577
P6			.123	580			.120	578
P7			.1435	580			.140	578
P8			.164	581			.160	580
P9			.1845	581			.180	580
P10			.205	583			.200	580
	1	Minute Intervals	3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks:



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