

Flow Time	1st 5 Min.	2nd 60 Min.	Date	12-21-64	Ticket Number	424242 - S
Closed In Press. Time	1st 30 Min.	2nd 50 Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field	Office Corrected	Tester	MR. GROVER	Witness	MR. ELSTER
Depth Top Gauge	3112 Ft.	NO Blanked Off	Drilling Contractor	JA - LE CONTRACTORS INCORPORATED	IC	
BT. P.R.D. No.	690	12 Hour Clock	Elevation	1811'	Top Packer	3104'
Initial Hydro Mud Pressure	1648	1621	Total Depth	3167'	Bottom Packer	3109'
Initial Closed in Pres.	1023	1026	Interval Tested	3109'-3167'	Formation Tested	KANSAS CITY
Initial Flow Pres.	- 1 26	9 2 26	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-
Final Flow Pres.	- 1 26	36 2 33	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	914	911	Size & Kind Drill Pipe	4 1/2" F.H. 3 1/2" I.D.	Drill Collars Above Tester	2 1/2" x 250'
Final Hydro Mud Pressure	1602	1601	Mud Weight	9.6	Mud Viscosity	40
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	98 °F Est. °F Actual	Anchor Size & Length	ID 3.84" OD 5.00" X 58'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	3091' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Cushion	- Ft.	Recovered	15 Feet of Drilling mud with
Initial Flow Pres.	1		Recovered	Feet of	spots of oil	
Final Flow Pres.	1		Recovered	Feet of		
Final Closed in Pres.			Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Depth Bot. Gauge	3164 Ft.	YES Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.	228	12 Hour Clock	Tool Opened	5:05 AM A.M. P.M.	Tool Closed	7:25 AM A.M. P.M.
Initial Hydro Mud Pres.	-	1650	Remarks	Opened tool for 5 minute 1st flow. Closed		
Initial Closed in Pres.	-	1053	tool for 30 minute initial closed in pressure.			
Initial Flow Pres.	- 1 65	- 2 67	Reopened tool for 60 minute 2nd flow with weak			
Final Flow Pres.	- 1 76	- 2 66	blow that was dead in 5 minutes. Closed tool			
Final Closed in Pres.	-	942	for 50 minute final closed in pressure.			
Final Hydro Mud Pres.	-	1633				

FORMATION TEST DATA

Legal Location Sec. 3 - 18 - 13

Field Area

County: BARTON

State: KANSAS

Lease Name

Well No.

Test No.

V. E. WIGGINS

Lease Owner/Company Name

Owner's District

PAUL LONG

1

2

V. E. WIGGINS

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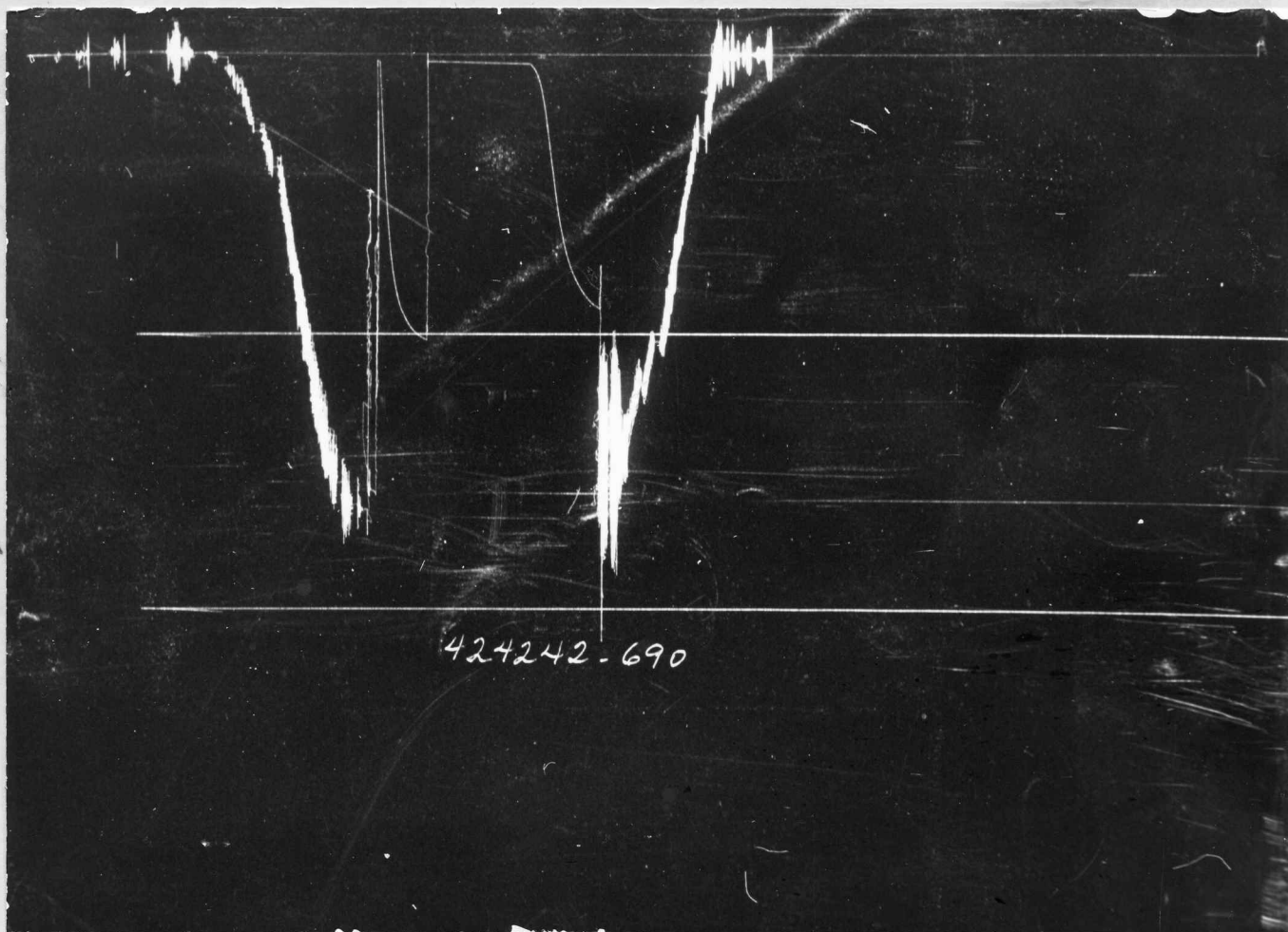
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Gauge No.		690		Depth		3112'		Clock		12 hour		Ticket No.		424242	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.					
P ₀	.000	26	.000		26	.000	26	.000		33					
P ₁	.009	26	.0181		433	.101	27	.0276		68					
P ₂			.0362		683	.202	29	.0552		165					
P ₃			.0543		816	.303	31	.0828		360					
P ₄			.0724		890	.404	33	.1104		560					
P ₅			.0905		934			.1380		691					
P ₆			.1086		967			.1656		775					
P ₇			.1267		990			.1932		832					
P ₈			.1448		1006			.2208		869					
P ₉			.1629		1017			.2484		896					
P ₁₀			.1810		1026			.2760		911					

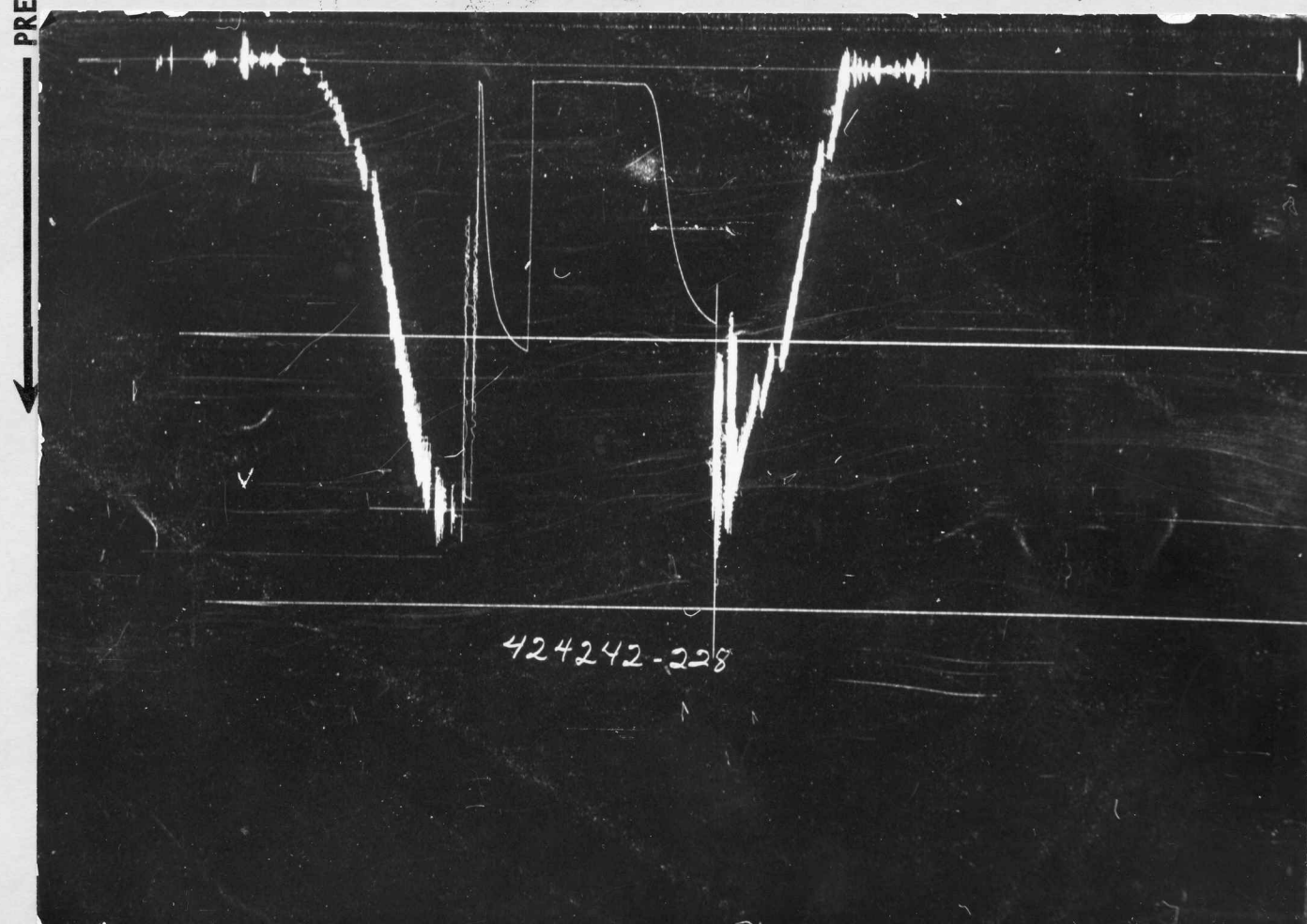
Gauge No. 228			Depth 3164'			Clock 12		hour		
P ₀	.000	65	.000		76	.000	67	.000		66
P ₁	.010	76	.0195		497	.446	66	.0296		104
P ₂			.0390		733			.0592		222
P ₃			.0585		852			.0888		427
P ₄			.0780		923			.1184		617
P ₅			.0975		961			.1480		735
P ₆			.1170		992			.1776		813
P ₇			.1365		1015			.2072		863
P ₈			.1560		1032			.2368		899
P ₉			.1755		1044			.2664		925
P ₁₀			.1950		1053			.2960		942
Reading Interval			3			15		5 Minutes		

SPECIAL PRESSURE DATA

↑
PRESSURE
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← TIME →



Flow Time	1st 7 Min.	2nd 120 Min.	Date	12-22-64	Ticket Number	424243
Closed In Press. Time	1st 30 Min.	2nd 45 Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS, KANSAS
Pressure Readings	Field	Office Corrected	Tester	GROVER	Witness	ELSTER
Depth Top Gauge	3202' Ft.	NO Blanked Off	Drilling Contractor	JA - LE CONSTRUCTION, INC.	BM	
BT. P.R.D. No.	690	12 Hour Clock	Elevation	1811'	Top Packer	3195'
Initial Hydro Mud Pressure	1694	1689	Total Depth	3234'	Bottom Packer	3198'
Initial Closed in Pres.	676	667	Interval Tested	3198' - 3234'	Formation Tested	KANSAS CITY
Initial Flow Pres.	10	1 17 2 19	Casing or Hole Size	7 7/8"	Casing Perfs. { Top - Bot. -	
Final Flow Pres.	45	1 17 2 33	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	777	772	Size & Kind Drill Pipe	4 1/2" F.H. 3 1/2" I.F.	Drill Collars Above Tester	I.D. - LENGTH 2 1/4" x 250'
Final Hydro Mud Pressure	1648	1678	Mud Weight	9.8	Mud Viscosity	35
Depth Cen. Gauge		Blanked Off	Temperature	99 °F Est. °F Actual	Anchor Size & Length	ID 3.84" OD 5" X 36'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	3178' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT Cushion	NONE	Depth Back Pres. Valve	Ft.
Initial Closed in Pres.			Recovered	30' Feet of drilling mud - slightly oil and gas out		
Initial Flow Pres.	1		Recovered	Feet of		
Final Flow Pres.	1		Recovered	Feet of		
Final Closed in Pres.			Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	3231' Ft.	YES Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	228	12 Hour Clock	Tool Opened	1:25 AM A.M. P.M.	Tool Closed	4:45 AM A.M. P.M.
Initial Hydro Mud Pres.		1707	Remarks	Tool opened for a 7 minute first flow.		
Initial Closed in Pres.		684	Rotated tool for a 30 minute initial closed in			
Initial Flow Pres.	1 36 2 45		pressure. Tool reopened with a strong blow, which			
Final Flow Pres.	1 33 2 49		continued throughout the test. Took a 45 minute			
Final Closed in Pres.		789	final closed in pressure. NO SPECIAL READING			
Final Hydro Mud Pres.		1688	ADAPTABLE.			

Legal Location
Sec. - Twp. - Rng.

C-SW - NE - 3 - 18 - 13

Field Area

County

State

Lease Name

Well No.

Test No.

Lease Owner/Company Name

Owner's District

PAUL LONG

1

3

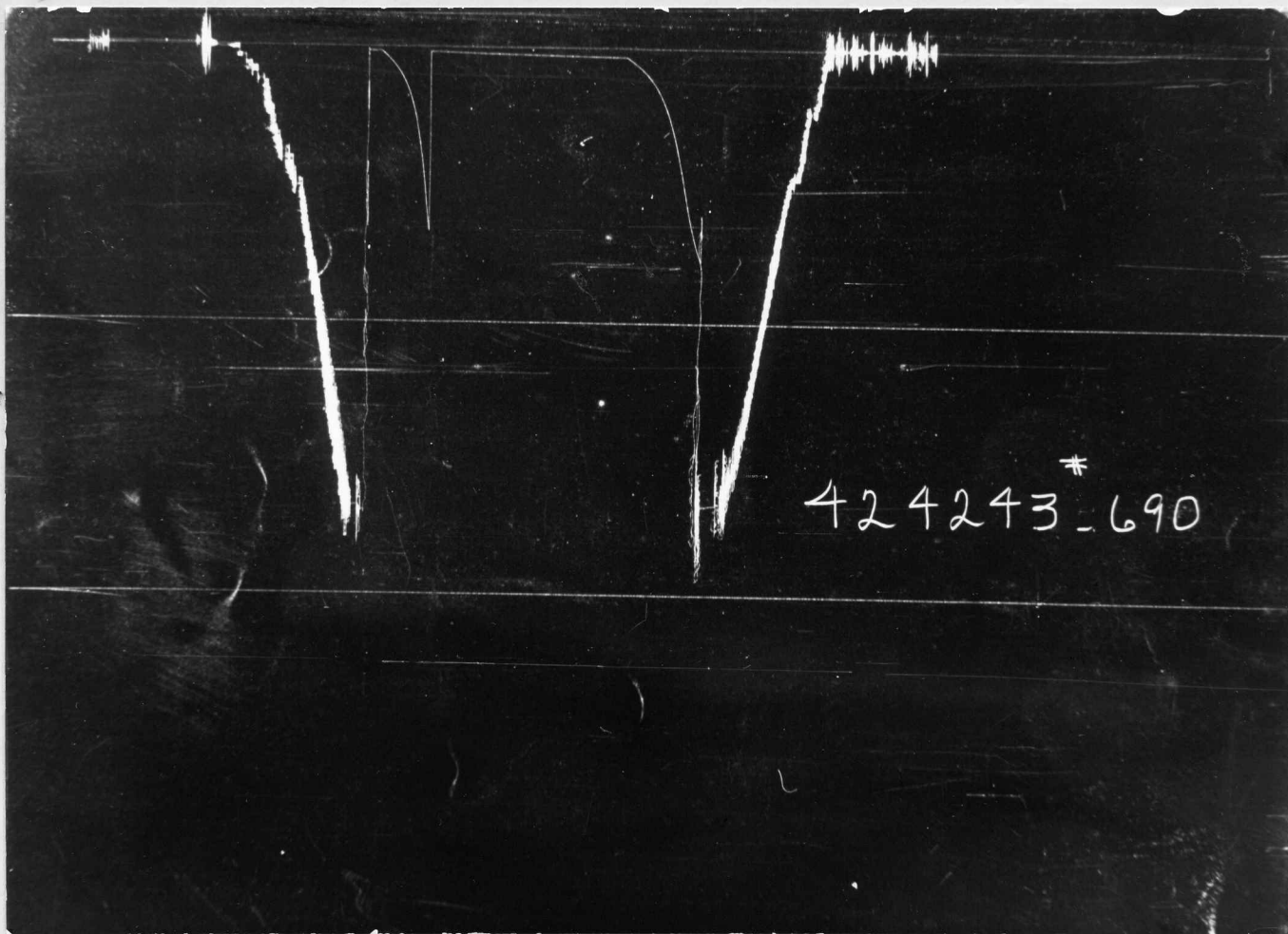
V. E. WIGGINS

MC PHERSON, KANSAS

FORMATION TEST DATA

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given,
Fresh Water Corrected to 100° F.

↑
PRESSURE
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← TIME →

