

Flow Time	1st 5 Min.	2nd 60 Min.	Date	2-24-67	Ticket Number	449468 S
Closed In Press. Time	1st 45 Min.	2nd 60 Min.	Kind of Job	OPEN HOLE	Halliburton District	WINFIELD
Pressure Readings	Field	Office Corrected	Tester	J. D. DURHAM	Witness	TOBY ELSTER
Depth Top Gauge	2792 Ft.	Blanked Off	Drilling Contractor	WHITE & ELLIS		LC
BT. P.R.D. No.	684	12 Hour Clock	Elevation	1205' KB	Top Packer	-
Initial Hydro Mud Pressure	-	1452	Total Depth	2805'	Bottom Packer	2796'
Initial Closed in Pres.	966	982	Interval Tested	Net pay 9' 2796' - 2805'	Formation Tested	Layton
Initial Flow Pres.	9	1 8	Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot.	
Final Flow Pres.	18	2 12	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	126	2 29	Size & Kind Drill Pipe	4 1/2" IF	Drill Collars Above Tester	I.D. - LENGTH 2 1/4" - 117'
Final Hydro Mud Pressure	-	1424	Mud Weight	10.	Mud Viscosity	41
Depth Cen. Gauge		Blanked Off	Temperature	98 °F Est. °F Actual	Anchor Size & Length	ID 3 1/2" OD 4 1/2" X 9'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly Bushing	Depth of Tester Valve	2788 Ft.
Initial Hydro Mud Pres.			Cushion	none	Depth Back Pres. Valve	DCIP VALVE 2784 Ft.
Initial Closed in Pres.			Recovered	40	Feet of drilling mud.	
Initial Flow Pres.	1		Recovered		Feet of	
Final Flow Pres.	1		Recovered		Feet of	
Final Closed in Pres.	2		Recovered		Feet of	
Final Hydro Mud Pres.			Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Depth Bot. Gauge	2804 Ft.	yes Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.	528	12 Hour Clock	Tool Opened	2:05 P.M.	A.M. P.M. Tool Closed	3:55 P.M. A.M. P.M.
Initial Hydro Mud Pres.			Remarks	Opened tool for 5 minute initial flow with weak		
Initial Closed in Pres.	THIS B.T. CHART		blow. Closed tool for 45 minute initial closed in			
Initial Flow Pres.	WAS NOT SENT IN.		pressure. Reopened tool for a 60 minute final flow			
Final Flow Pres.	1		with weak blow throughout test. Closed tool for a			
Final Closed in Pres.	2		60 minute final closed in pressure.			
Final Hydro Mud Pres.						

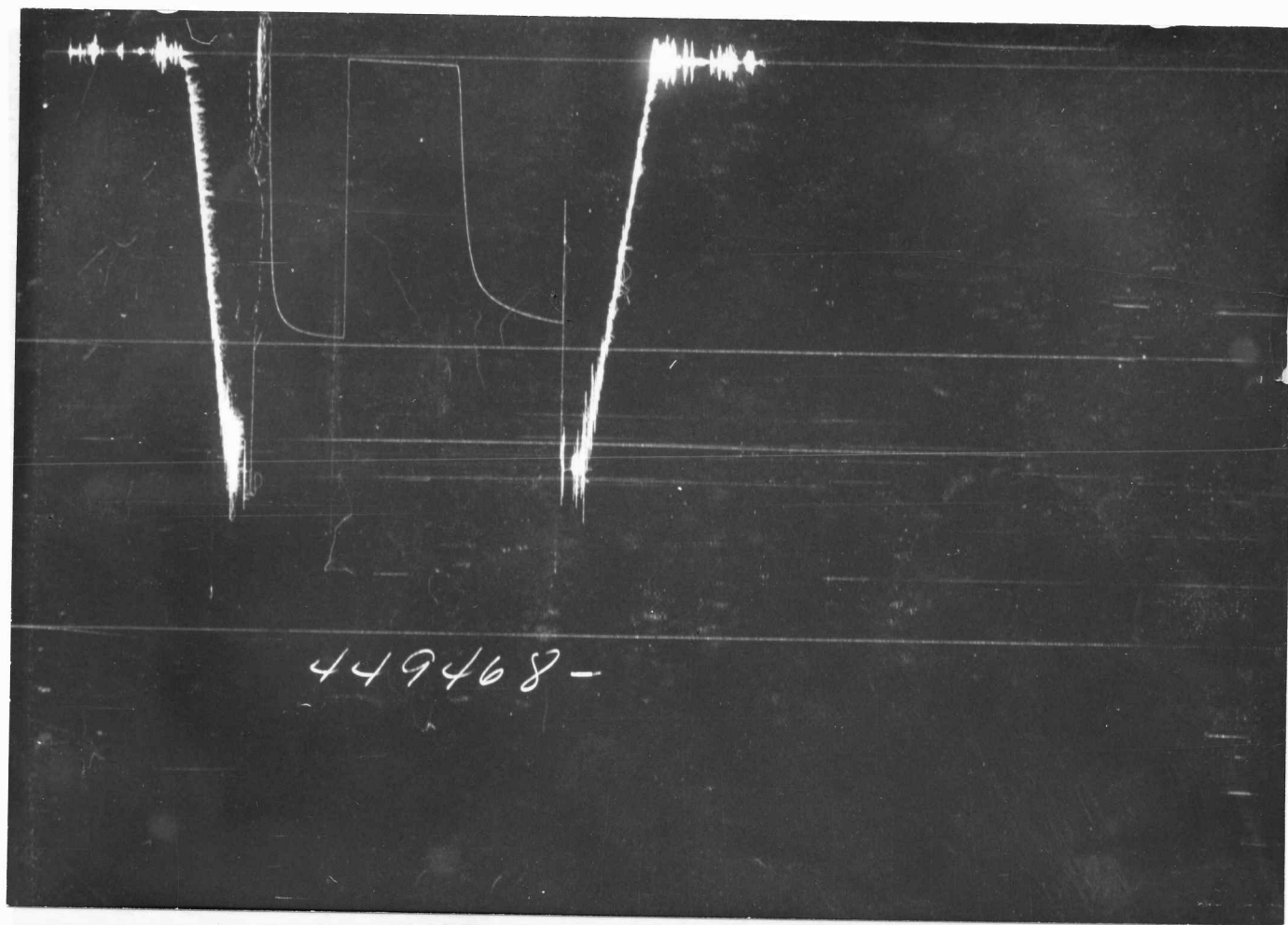
FORMATION TEST DATA

Gauge No.		684		Depth		2793'		Clock		12 hour		Ticket No.		449468	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.					
P ₀	.000	8	.000		11	.000	12	.000		29					
P ₁	.0082	9	.0349		786	.106	16	.0432		508					
P ₂	.0164	10	.0698		910	.212	20	.0864		748					
P ₃	.0246	10	.1047		944	.318	24	.1296		813					
P ₄	.0328	10	.1396		959	.424	29	.1728		846					
P ₅	.0410	11	.1745		968			.2160		867					
P ₆			.2094		974			.2592		882					
P ₇			.2443		978			.3024		894					
P ₈			.2792		981			.3456		904					
P ₉			.3140		982			.3888		911					
P ₁₀			-		-			.4320		917					

Gauge No.		528		Depth		2804'		Clock		12		hour	
P ₀													
P ₁													
P ₂													
P ₃													
P ₄													
P ₅													
P ₆													
P ₇													
P ₈													
P ₉													
P ₁₀													
Reading Interval		1		5		15		6		Minutes			
REMARKS:													

SPECIAL PRESSURE DATA

PRESSURE



TIME

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

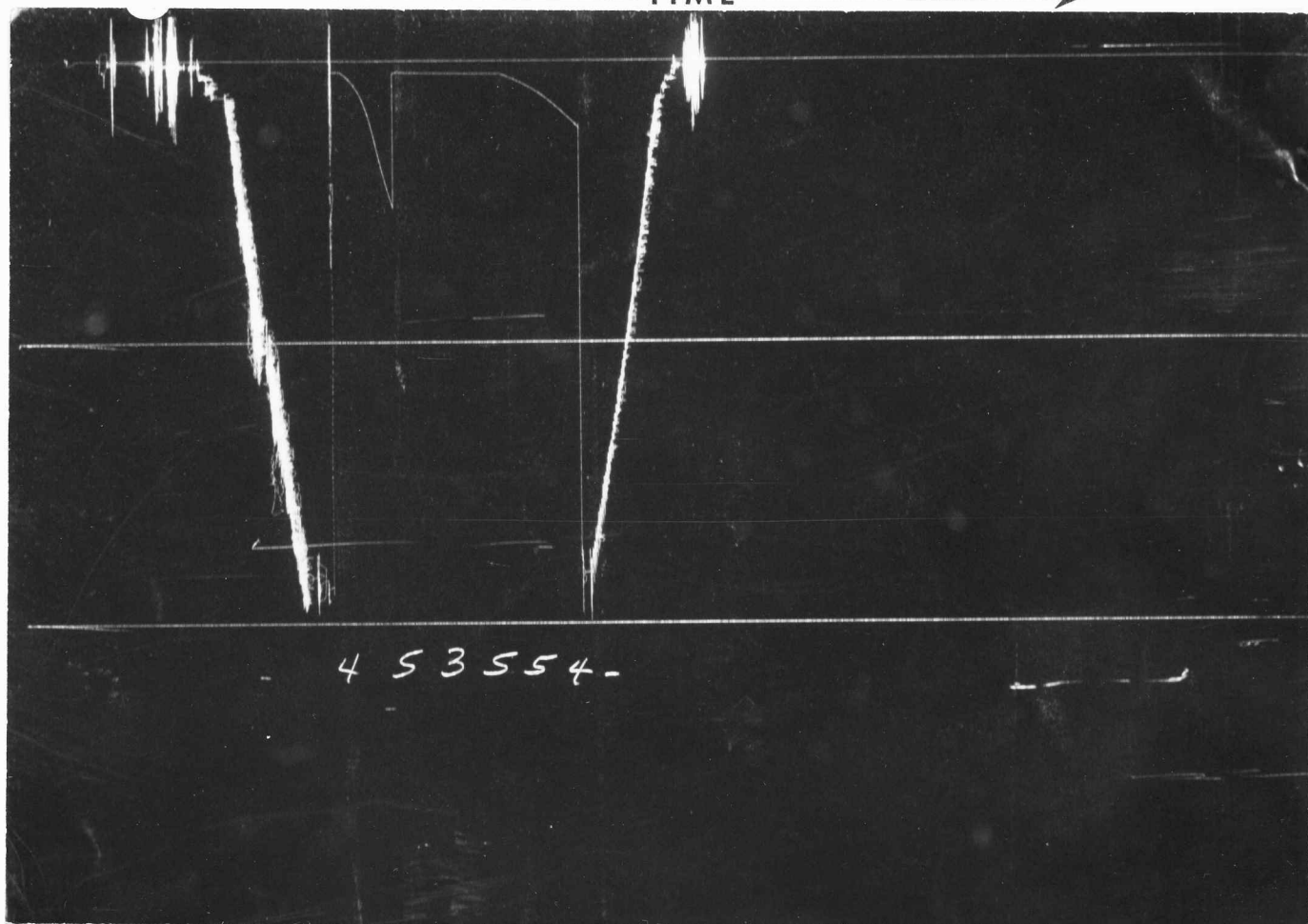
Flow Time	1st 5 Min.	2nd 60 Min.	Date	2-27-67	Ticket Number	453554	Legal Location Sec. - Twp. - Rng. SE 33 NE 32S NE 2E
Closed In Press. Time	1st 30 Min.	2nd 45 Min.	Kind of Job	OPEN HOLE	Halliburton District	PRATT	
Pressure Readings	Field	Office Corrected	Tester	MR. THOMPSON	Witness	MR. ELSTER	
Depth Top Gauge	3385 Ft.	no Blanked Off	Drilling Contractor	WHITE & ELLIS	SS		Lease Name Well No. Test No.
BT. P.R.D. No.	585	12 Hour Clock	Elevation	-	Top Packer	3395'	
Initial Hydro Mud Pressure	1812	CHART NOT	Total Depth	3420'	Bottom Packer	3400'	
Initial Closed in Pres.	495	SENT IN	Interval Tested	3400' - 3420'	Formation Tested	MISSISSIPPI	Field Area
Initial Flow Pres.	9	1	Casing or Hole Size	7 7/8"	Casing Perfs. } Top		
Final Flow Pres.	9	1	Surface Choke	1"	Bottom Choke	3/4"	
Final Closed in Pres.	202		Size & Kind Drill Pipe	4 1/2" IF	Drill Collars Above Tester	120' X 2 15/16"	County OWNER'S DISTRICT
Final Hydro Mud Pressure	1794		Mud Weight	10.4	Mud Viscosity	36	
Depth Cen. Gauge		Blanked Off	Temperature	104 °F Est. °F Actual	Anchor Size & Length	ID 3.37" OD 5" X 20'	
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	3375' Ft.	Mec. From Tester Valve
Initial Hydro Mud Pres.			Cushion		Depth Back Pres. Valve		
Initial Closed in Pres.			Recovered	30 Feet of mud with slight show of oil.			
Initial Flow Pres.	1		Recovered	Feet of			State KANSAS
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		5
Depth Bot. Gauge	3416 Ft.	yes Blanked Off	Gas Gravity		Surface Pressure	psi	
BT. P.R.D. No.	297	12 Hour Clock	Tool Opened	6:56 am A.M. P.M.	Tool Closed	8:31 am A.M. P.M.	
Initial Hydro Mud Pres.	1840	1834	Remarks	Tool opened for 5 minute first flow with a			
Initial Closed in Pres.	531	519	weak blow. Closed for 30 minute initial closed in				
Initial Flow Pres.	35	1 41	pressure. Reopened for 60 minute second flow with				
Final Flow Pres.	35	1 41	a weak blow throughout. Closed for 45 minute final				
Final Closed in Pres.	230	237	closed in pressure.				
Final Hydro Mud Pres.	1823	1819					

FORMATION TEST DATA

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

PRESSURE

TIME



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