

Flow Time	1st 5 Min.	2nd 90 Min.	Date	10-4-63	Ticket Number	404851 - S
Closed In Press. Time	1st 60 Min.	2nd 90 Min.	Kind of Job	OPEN HOLE	Halliburton District	PRATT
Pressure Readings	Field	Office Corrected	Tester	PARKS	Witness	-
Depth Top Gauge	4569' Ft.	NO Blanked Off	Drilling Contractor	BOWERS DRILLING COMPANY		
BT. P.R.D. No.	RANGE - 3500# - 3.724	12 Hour Clock	Elevation	-	Top Packer	4591'
Initial Hydro Mud Pressure	2438	2464	Total Depth	4634'	Bottom Packer	4595'
Initial Closed in Pres.	1864	1857	Interval Tested	4595' - 4634'	Formation Tested	MISSISSIPPI
Initial Flow Pres.	36	1 33 2 60	Casing or Hole Size	7 7/8"	Casing } Top Perfs. } Bot.	-
Final Flow Pres.	84	1 39 2 80	Surface Choke	1"	Bottom Choke	5/8"
Final Closed in Pres.	1862	1844	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	I.D. - LENGTH
Final Hydro Mud Pressure	2438	2434	Mud Weight	10	Mud Viscosity	44
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	115 °F Est. °F Actual	Anchor Size ID 3.72" & Length OD 5" X 39'	
BT. P.R.D. No.		Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	- Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	4559' Ft.
Initial Closed in Pres.			Cushion	NONE		
Initial Flow Pres.	1		Recovered	75' Feet of	gassy mud	
Final Flow Pres.	2		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	4630' Ft.	YES Blanked Off	Gas Gravity	-	Surface Pressure	4# psi
BT. P.R.D. No.	RANGE - 3500# - 3.731	12 Hour Clock	Tool Opened	6:21 7:26 AM	A.M. P.M.	Tool Closed 6:26 8:56 AM A.M. P.M.
Initial Hydro Mud Pres.	2485	2501	Remarks	Tool on bottom @ 6:17. Tool opened @ 6:21		
Initial Closed in Pres.	1876	1875	with a strong blow for a 5 minute first flow. Tool			
Initial Flow Pres.	65	1 54 2 92	closed @ 6:26. Gas to the surface @ 6:29. Rotated			
Final Flow Pres.	93	1 61 2 94	tool for a 60 minute initial closed in pressure.			
Final Closed in Pres.	1866	1858	Tool re-opened @ 7:26 for a 90 minute second flow period with a gas measurement of 500,000. Tool closed			
Final Hydro Mud Pres.	2467	2481	@ 8:56. Took a 90 minute final closed in pressure. Tool started out @ 10:26.			

FORMATION TEST DATA

L. T. GROENDYKE
 Lease Name
 C-SW/4 26 - 33 - 12
 Legal Location
 Sec. - Twp. - Rng.
 Well No.
 Test No.
 Field Area
 County
 BARBER
 State
 KANSAS
 Owner's District
 SINOIR OIL AND GAS COMPANY
 Lease Owner/Company Name

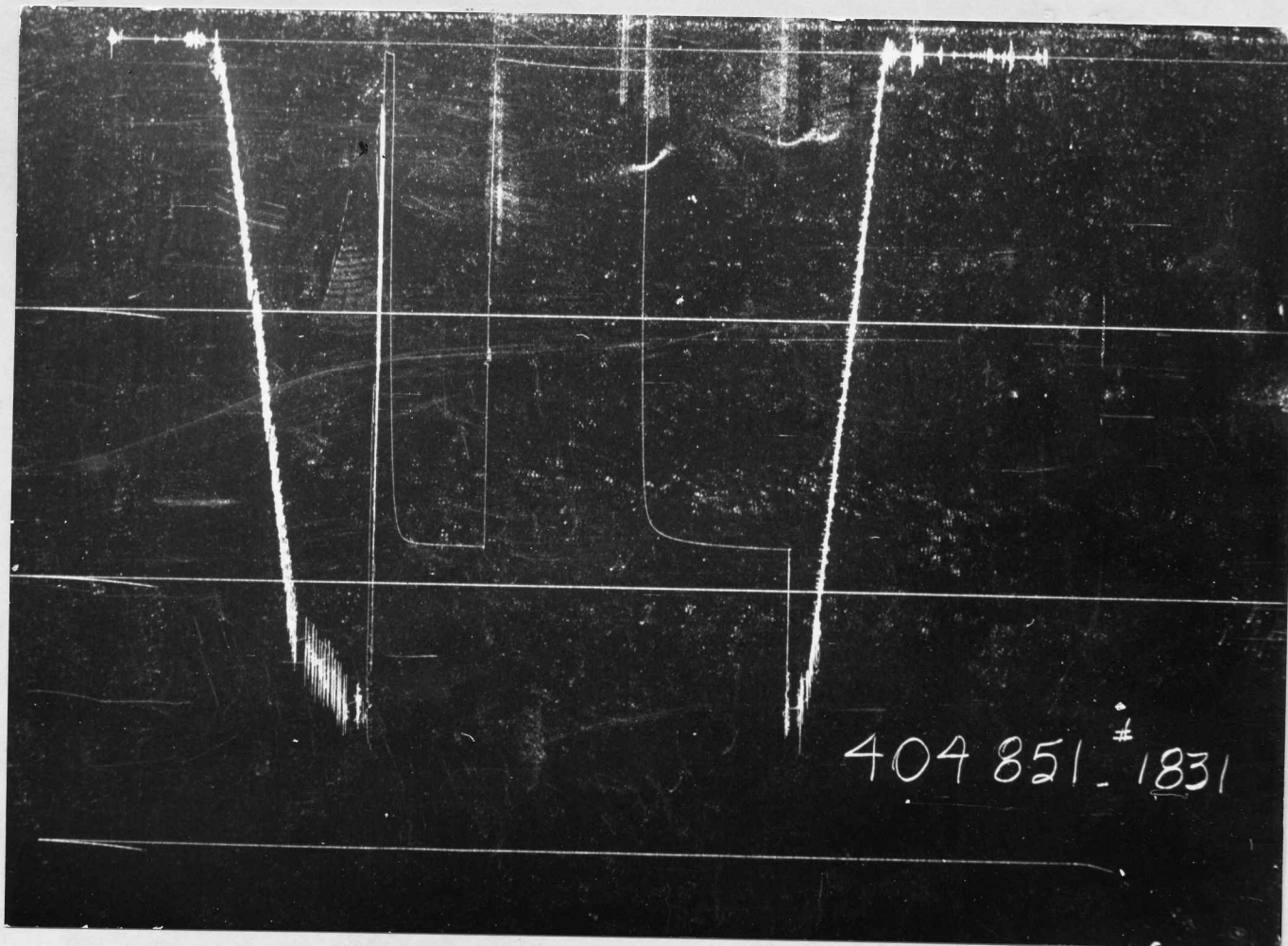
Gauge No.		1831		Depth		4569'		Clock		12 hour		Ticket No.		404851	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.					
P ₀	.000	33	.000		39	.000	60	.000		80					
P ₁	.007	31	.0405		1689	.1015	57	.0607		1766					
P ₂	.014	35	.0810		1831	.2030	66	.1214		1804					
P ₃	.021	37	.1215		1846	.3045	71	.1821		1818					
P ₄	.028	40	.1620		1850	.4060	75	.2428		1827					
P ₅	.035	39	.2025		1852	.5075	77	.3035		1831					
P ₆			.2430		1853	.609	80	.3642		1836					
P ₇			.2835		1854			.4249		1838					
P ₈			.3240		1855			.4856		1841					
P ₉			.3645		1855			.5463		1843					
P ₁₀			.405		1857			.607		1844					

Gauge No.		1830		Depth		4630'		Clock		12 hour	
P ₀	.000	54	.000		61	.000	92	.000		94	
P ₁	.0054	53	.0392		1706	.0988	74	.0592		1780	
P ₂	.0108	55	.0784		1846	.1976	82	.1184		1818	
P ₃	.0162	57	.1176		1865	.2964	87	.1776		1833	
P ₄	.0216	59	.1568		1870	.3952	90	.2368		1841	
P ₅	.027	61	.1960		1871	.4940	92	.2960		1847	
P ₆			.2352		1871	.593	94	.3552		1851	
P ₇			.2744		1873			.4144		1855	
P ₈			.3136		1873			.4736		1856	
P ₉			.3528		1874			.5328		1857	
P ₁₀			.392		1875			.592		1858	

Reading Interval	1	6	15	9	Minutes
REMARKS:					

SPECIAL PRESSURE DATA

PRESSURE



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

1830