

Flow Time	1st Min. 30	2nd Min. 60	Date	8-21-66	Ticket Number	412093 - S
Closed In Press. Time	1st Min. 30	2nd Min. 30	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND
Pressure Readings	Field	Office Corrected	Tester	MR. MOORE	Witness	MR. MC COLLUM
Depth Top Gauge	4372 Ft.	NO Blanked Off	Drilling Contractor	PEEL BROTHERS INCORPORATED	IC	
BT. P.R.D. No.	1839	12 Hour Clock	Elevation	2249' D.F.	Top Packer	-
Initial Hydro Mud Pressure	2307	2272	Total Depth	4398'	Bottom Packer	4379'
Initial Closed in Pres.	1272	1271	Interval Tested	4379' - 4398'	Formation Tested	MISSISSIPPI
Initial Flow Pres.	18	1	17	Casing or Hole Size	7 7/8"	Casing Perfs. { Top -
Final Flow Pres.	46	2	44	Surface Choke	1"	Bottom Choke 3/4"
Final Closed in Pres.	1262	1257	Size & Kind Drill Pipe	4 1/2" ACME	Drill Collars Above Tester	I.D. - LENGTH FLEX WEIGHT 480'
Final Hydro Mud Pressure	2251	2233	Mud Weight	9.9	Mud Viscosity	48
Depth Cen. Gauge			Temperature	118	Anchor Size & Length	ID 2 1/4" OD 4 1/2" X 19'
BT. P.R.D. No.			Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	4362' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Cushion	-		
Initial Flow Pres.	1		Recovered	196	Feet of Oily mud	
Final Flow Pres.	2		Recovered		Feet of	
Final Closed in Pres.	1		Recovered		Feet of	
Final Hydro Mud Pres.	2		Recovered		Feet of	
Depth Bot. Gauge	4394 Ft.	YES Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	1838	12 Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	2285	2286	Tool Opened	9:50	A.M. P.M.	Tool Closed 12:20 A.M. P.M.
Initial Closed in Pres.	1295	1286	Remarks	Opened tool for 30 minute 1st flow with a		
Initial Flow Pres.	28	1	33	weak blow increasing to fair. Closed tool for		
Final Flow Pres.	55	2	61	30 minute initial closed in pressure. Reopened		
Final Closed in Pres.	101	2	99	tool for 60 minute 2nd flow with a fair to good		
Final Hydro Mud Pres.	2192	2247		blow. Closed tool for 30 minute final closed in		
				pressure.		

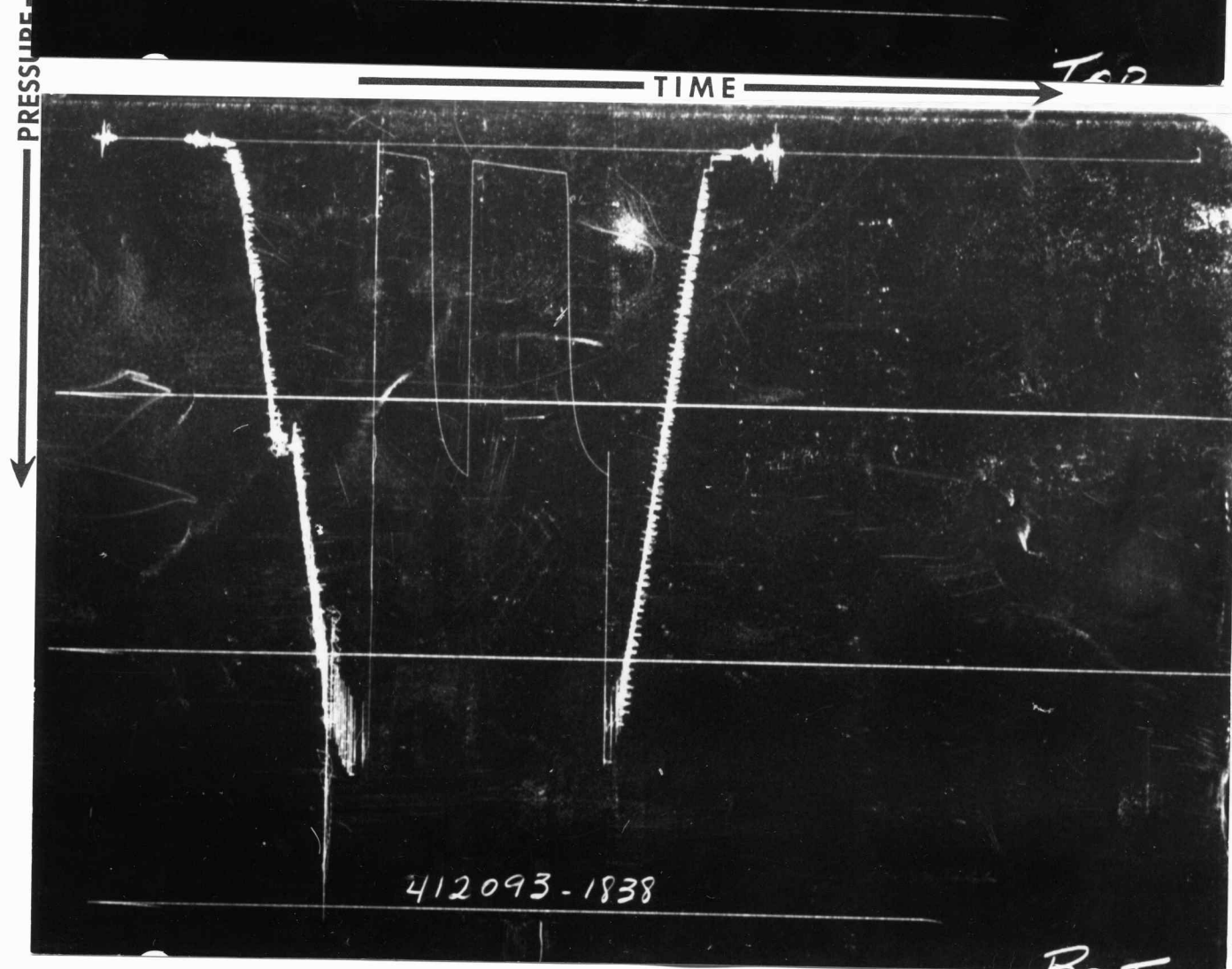
FORMATION TEST DATA

Gauge No. 1839		Depth 4372'			Clock 12 hour		Ticket No. 412093			
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	17	.000		42	.000	44	.000		87
P ₁	.041	19	.0199		132	.0995	58	.020		575
P ₂	.082	25	.0398		678	.1990	68	.040		928
P ₃	.123	30	.0597		979	.2985	77	.060		1051
P ₄	.164	36	.0796		1094	.3980	87	.080		1118
P ₅	.205	42	.0995		1153			.100		1162
P ₆			.1194		1193			.120		1193
P ₇			.1393		1222			.140		1216
P ₈			.1592		1243			.160		1233
P ₉			.1791		1259			.180		1246
P ₁₀			.1990		1271			.200		1257

Gauge No. 1838			Depth 4394'			Clock 12		hour		
P ₀	.000	33	.000		57	.000	61	.000		99
P ₁	.0418	35	.0199		148	.100	70	.0201		576
P ₂	.0836	40	.0398		681	.200	80	.0402		926
P ₃	.1254	45	.0597		983	.300	90	.0603		1054
P ₄	.1672	51	.0796		1105	.400	99	.0804		1127
P ₅	.2090	57	.0995		1169			.1005		1175
P ₆			.1194		1210			.1206		1205
P ₇			.1393		1239			.1407		1228
P ₈			.1592		1259			.1608		1245
P ₉			.1791		1274			.1809		1260
P ₁₀			.1990		1286			.2010		1271
Reading Interval 6			3			15		3 Minutes		

REMARKS:

SPECIAL PRESSURE DATA



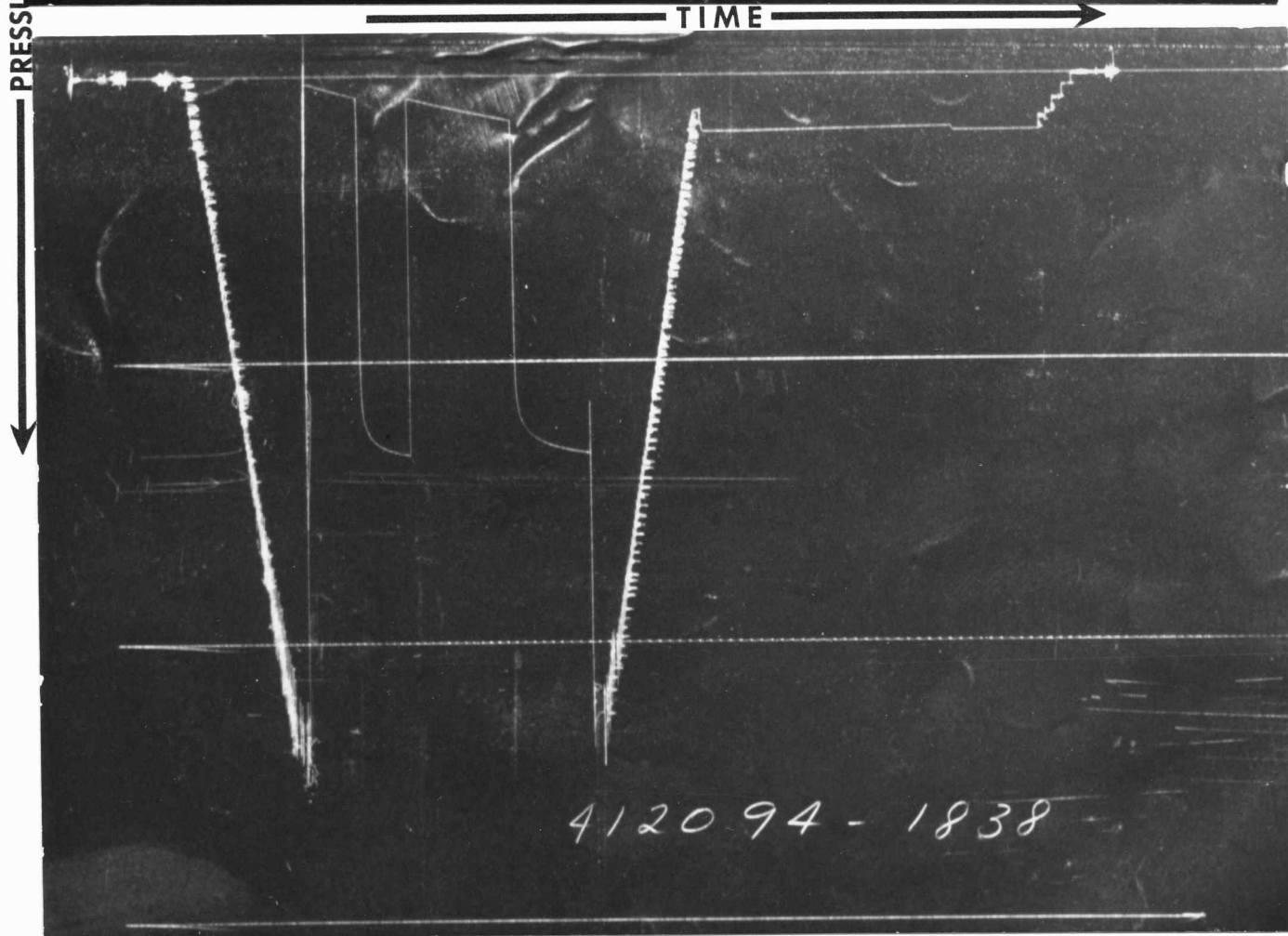
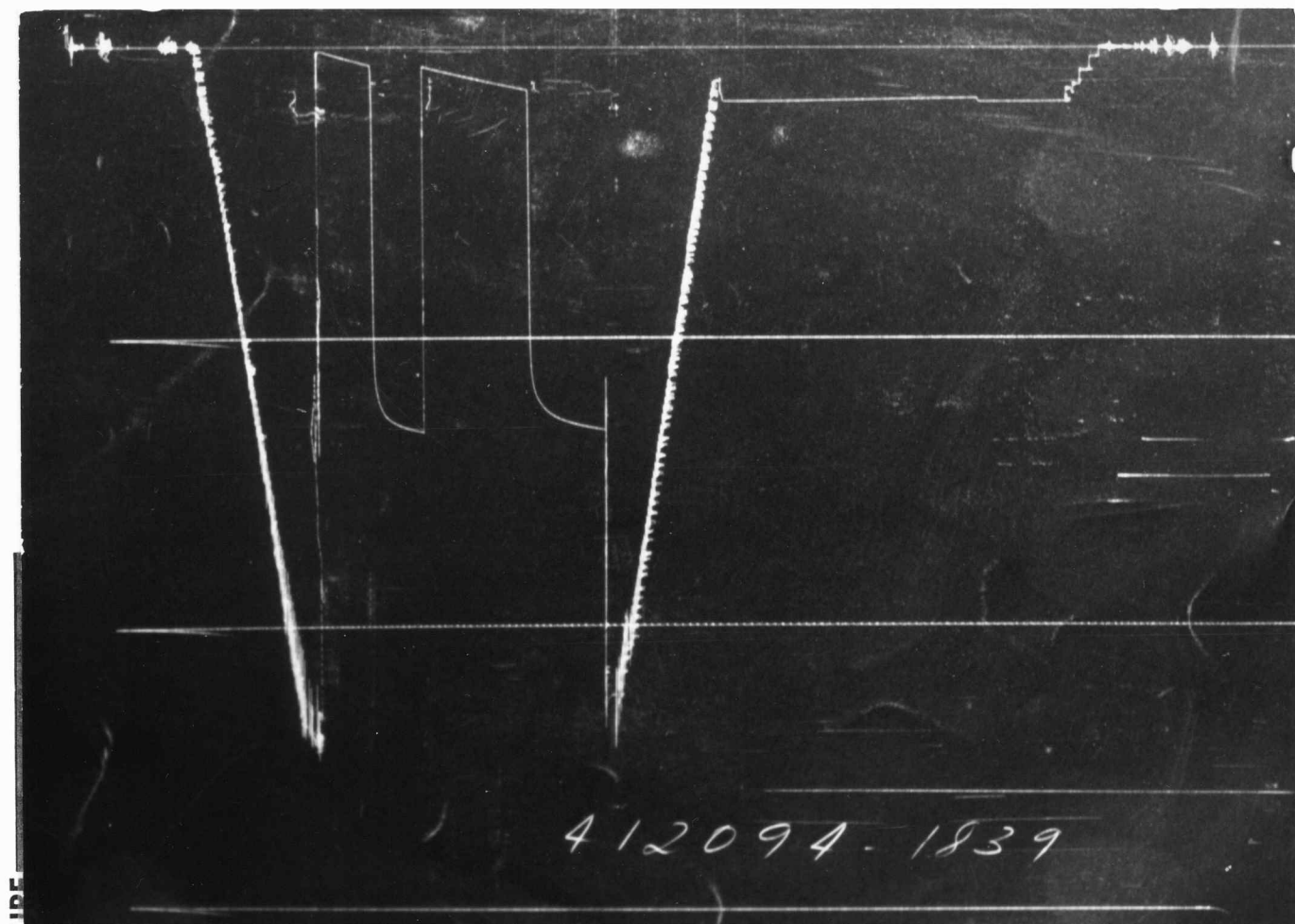
Each Horizontal Line Equal to 1000 p.s.i.

Flow Time	1st 30 Min.	2nd 60 Min.	Date	8-21-66	Ticket Number	412094-S
Closed In Press. Time	1st 30 Min.	2nd 45 Min.	Kind of Job	Open hole	Halliburton District	Gt. Bend
Pressure Readings	Field	Office Corrected	Tester	Larry Moore	Witness	Frank Mc Collu Jack Maddox
Depth Top Gauge	4391 Ft.	no Blanked Off	Drilling Contractor	PEEL BROTHERS INCORPORATED	SM	
BT. P.R.D. No.	1839	12 Hour Clock	Elevation	2249' DF	Top Packer	-
Initial Hydro Mud Pressure	2279	2288	Total Depth	4410'	Bottom Packer	4398'
Initial Closed in Pres.	1336	1329	Interval Tested	4398-4410'	Formation Tested	Mississippi
Initial Flow Pres.	18 1 19		Casing or Hole Size	7 7/8"	Casing Perfs.	{ Top Bot.
Final Flow Pres.	74 1 65		Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	1327	1323	Size & Kind Drill Pipe	4 1/2" Acme	Drill Collars Above Tester	I.D. - LENGTH
Final Hydro Mud Pressure	2279	2252	Mud Weight	9.6	Mud Viscosity	Flex wght 480' 58
Depth Cen. Gauge		Blanked Off	Temperature	118 °F Est. °F Actual	Anchor Size & Length	ID 2 1/4 OD 4 1/2 X 12'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly bushing	Depth of Tester Valve	4380 Ft.
Initial Hydro Mud Pres.			TYPE	AMOUNT	Depth Back Pres. Valve	Ft.
Initial Closed in Pres.			Cushion		Recovered	97 Feet of free oil
Initial Flow Pres.	1		Recovered	186 Feet of		thin watery oil cut
Final Flow Pres.	1		Recovered	62 Feet of		mud
Final Closed in Pres.	2		Recovered			thin watery myd
Final Hydro Mud Pres.			Oil A.P.I. Gravity	39 @ 60°	Water Spec. Gravity	
Depth Bot. Gauge	4406 Ft.	yes Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	1838	12 Hour Clock	Tool Opened	10:40 A.M. P.M.	Tool Closed	A.M. P.M.
Initial Hydro Mud Pres.	2332	2302	Remarks	Tool opened with a fair blow to good.		
Initial Closed in Pres.	1341	1339	Rotated tool at 11:10 for a 30 minute initial			
Initial Flow Pres.	28 1 29		closed in pressure. Tool re-opened at 11:40 with			
Final Flow Pres.	74 2 82		a very good blow. Closed at 12:40 for a 45 minute			
Final Closed in Pres.	83 1 74		final closed in pressure. Off bottom 1:25.			
Final Hydro Mud Pres.	156 2 159					
Final Hydro Mud Pres.	2267	2261				

FORMATION TEST DATA

Gauge No. 1839			Depth 4391'			Clock 12 hour		Ticket No. 412094		
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	19	.000		65	.000	69	.000		148
P ₁	.0408	24	.0196		1195	.100	90	.0292		1203
P ₂	.0816	34	.0392		1254	.200	111	.0584		1247
P ₃	.1224	45	.0588		1279	.300	130	.0876		1268
P ₄	.1632	55	.0784		1294	.400	148	.1168		1283
P ₅	.2040	65	.0980		1304			.1460		1294
P ₆			.1176		1311			.1752		1302
P ₇			.1372		1317			.2044		1309
P ₈			.1568		1321			.2336		1315
P ₉			.1764		1326			.2628		1319
P ₁₀			.1960		1329			.2920		1323

Gauge No. 1838			Depth 4406'			Clock 12 hour				
P ₀	.000	29	.000		74	.000	82	.000		159
P ₁	.0404	35	.0197		1208	.1005	101	.0295		1210
P ₂	.0808	45	.0394		1262	.2010	122	.5090		1255
P ₃	.1212	56	.0591		1288	.3015	141	.0885		1278
P ₄	.1616	65	.0788		1303	.4020	159	.1180		1294
P ₅	.2020	74	.0985		1313			.1475		1305
P ₆			.1182		1321			.1770		1313
P ₇			.1379		1328			.2065		1320
P ₈			.1576		1331			.2360		1325
P ₉			.1773		1336			.2655		1329
P ₁₀			.1970		1339			.2950		1333
Reading Interval 6			3			15		4.5 Minutes		
REMARKS:										



Each Horizontal Line Equal to 1000 p s i