

Flow Time	1st Min. 20	2nd Min. 40	Date	6-22-63	Ticket Number	395829 S	
Closed In Press. Time	1st Min. 45	2nd Min. 45	Kind of Job	OPEN HOLE	Halliburton District	HAYS	
Pressure Readings	Field		Office Corrected	Tester	GROVER	Witness	O. K. ALKIRE
Depth Top Gauge	3460 Ft.	No Blanked Off	Drilling Contractor	MURFIN DRLG. CO.			
BT. P.R.D. No.	311	12 Hour Clock	Elevation	2172'	Top Packer	3444'	
Initial Hydro Mud Pressure	1938	1900	Total Depth	3540'	Bottom Packer	3449'	
Initial Closed in Pres.	953	946	Interval Tested	3449-3540'	Formation Tested	Kansas City	
Initial Flow Pres.	15	1 19	Casing or Hole Size	9"	Casing Perfs.	Top Bot.	
Final Flow Pres.	52	1 28 2 46	Surface Choke	1/4"	Bottom Choke	1"	
Final Closed in Pres.	909	902	Size & Kind Drill Pipe	4 1/2" - FH	Drill Collars Above Tester	I.D. - LENGTH	
Final Hydro Mud Pressure	1911	1883	Mud Weight	18.2	Mud Viscosity	42	
Depth Cen. Gauge	3535 Ft.	Yes Blanked Off	Temperature	95	Anchor Size & Length	ID 3.84 OD 5" X 91	
BT. P.R.D. No.	312	12 Hour Clock	Depths Mea. From	RB	Depth of Tester Valve	3430' Ft.	
Initial Hydro Mud Pres.		1948	Cushion	none	Depth Back Pres. Valve	Ft.	
Initial Closed in Pres.		992	Recovered	63	Feet of Watery mud		
Initial Flow Pres.		1 64 2 80	Recovered		Feet of		
Final Flow Pres.		1 76 2 93	Recovered		Feet of		
Final Closed in Pres.		950	Recovered		Feet of		
Final Hydro Mud Pres.		1929	Oil A.P.I. Gravity		Water Spec. Gravity		
Depth Bot. Gauge		Ft. Blanked Off	Gas Gravity		Surface Pressure	psi	
BT. P.R.D. No.		Hour Clock	Tool Opened	1:15 AM	A.M. P.M. Tool Closed	3:45 A.M. P.M.	
Initial Hydro Mud Pres.			Remarks Tool opened for a 20 minute first flow,				
Initial Closed in Pres.		1919	rotated tool for a 45 minute initial closed in				
Initial Flow Pres.		1 2 2	pressure. Reopened tool for a 40 minute second				
Final Flow Pres.		1 1 2	flow. Took a 45 minute final closed in pressure.				
Final Closed in Pres.			Weak blow for 20 minutes, then dead.				
Final Hydro Mud Pres.							

Legal Location Sec. - Twp. - Rng. 13-11-21

Lease Name J.J. O'CONNOR

Well No. 4

Field Area

Test No. 1

County TREGO

State KANSAS

Lease Owner/Company Name CONTINENTAL OIL COMPANY

Owner's District PIAVILLE, KS

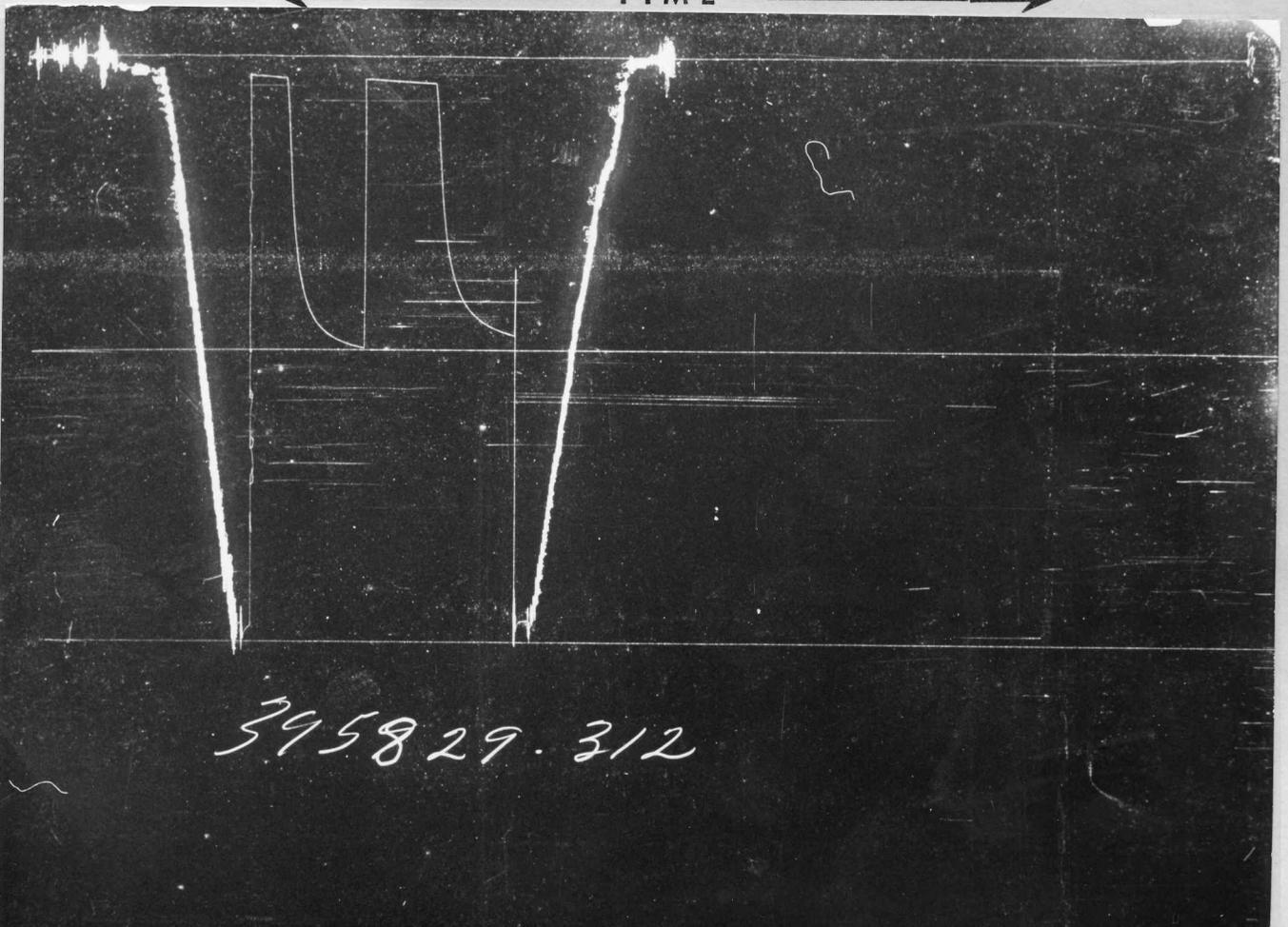
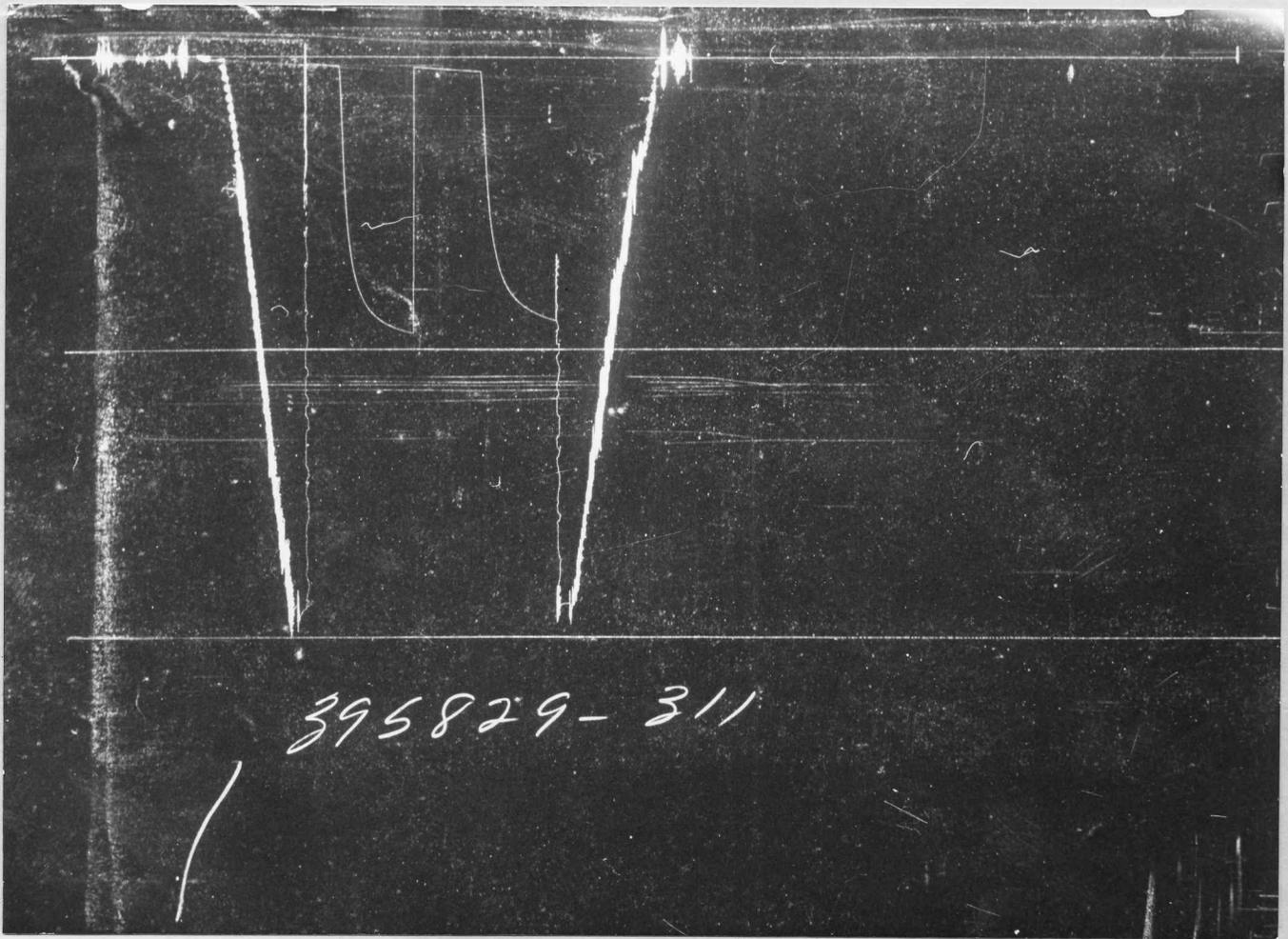
FORMATION TEST DATA

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Gauge No. 311		Depth 3460'			Clock 12 hour		Ticket No. 395829			
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	19	.000		28	.000	32	.000		46
P ₁	.027	22	.0295		539	.066	35	.0298		473
P ₂	.054	22	.0590		740	.132	39	.0596		672
P ₃	.081	24	.0885		821	.198	42	.0894		762
P ₄	.108	26	.1180		866	.264	46	.1192		808
P ₅	.135	28	.1475		891			.1490		838
P ₆			.1770		909			.1788		859
P ₇			.2065		922			.2086		874
P ₈			.2360		933			.2384		886
P ₉			.2655		941			.2682		895
P ₁₀			.2950		946			.2980		902

Gauge No. 312		Depth 3535'			Clock 12 hour					
	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	64	.000		76	.000	80	.000		93
P ₁	.029	69	.031		576	.0705	82	.0315		517
P ₂	.058	70	.062		781	.1410	86	.0630		716
P ₃	.087	71	.093		867	.2115	90	.0945		805
P ₄	.116	74	.124		911	.2820	93	.1260		853
P ₅	.145	76	.155		939			.1575		884
P ₆			.186		957			.1890		905
P ₇			.217		970			.2205		920
P ₈			.248		980			.2520		933
P ₉			.279		988			.2835		942
P ₁₀			.310		992			.3150		950
Reading Interval 4		4.5			10		4.5 Minutes			

SPECIAL PRESSURE DATA



Each horizontal line equal to 1000 p.s.i.