

FLUID SAMPLER DATA				Date <u>4-23-70</u>		Ticket Number <u>277529</u>	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____				Kind of Job <u>OPEN HOLE</u>		Halliburton District <u>GREAT BEND</u>	
				Tester <u>MR. MOORE</u>		Witness <u>MR. WRIGHT</u>	
Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl.				Drilling Contractor <u>H-30, INCORPORATED</u>		DR <u>S</u>	
EQUIPMENT & HOLE DATA							
				Formation Tested <u>Mississippi</u>			
				Elevation _____ ? _____ Ft.			
				Net Productive Interval <u>9'</u> _____ Ft.			
				All Depths Measured From <u>Kelly Bushing</u>			
				Total Depth <u>3782'</u> _____ Ft.			
				Main Hole/Casing Size <u>7 7/8"</u>			
				Drill Collar Length _____ I.D. _____			
				Drill Pipe Length <u>3776'</u> - I.D. <u>3.826"</u>			
				Packer Depth(s) <u>3773'</u> _____ Ft.			
				Depth Tester Valve <u>3762'</u> _____ Ft.			
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion				3761'		3/4"	
Recovered		120	Feet of	muddy water			
Recovered			Feet of				
Recovered			Feet of				
Recovered			Feet of				
Recovered			Feet of				
Remarks <u>Opened tool for 30 minute first flow with a very good blow. Closed tool for 30 minute first closed in pressure. Reopened tool for 60 minute second flow with a good blow throughout. Closed tool for 32 minute second closed in pressure.</u>							
TEMPERATURE		Gauge No. <u>1839</u> Depth: <u>3767</u> Ft.		Gauge No. <u>1838</u> Depth: <u>3777</u> Ft.		Gauge No. _____ Depth: _____ Ft.	
		12 Hour Clock Est. <u>118</u> °F. Blanked Off <u>No</u>		12 Hour Clock Blanked Off <u>Yes</u>		Hour Clock Blanked Off _____	
		3775' Actual <u>119</u> °F.		Pressures		Pressures	
		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
		Initial Hydrostatic		Initial Hydrostatic		Initial Hydrostatic	
		Flow Initial		Flow Initial		Flow Initial	
		Flow Final		Flow Final		Flow Final	
		Closed in		Closed in		Closed in	
		Flow Initial		Flow Initial		Flow Initial	
		Flow Final		Flow Final		Flow Final	
		Closed in		Closed in		Closed in	
		Flow Initial		Flow Initial		Flow Initial	
		Flow Final		Flow Final		Flow Final	
		Closed in		Closed in		Closed in	
		Final Hydrostatic		Final Hydrostatic		Final Hydrostatic	

Legal Location
Sec. - Twp. - Rng. 7-27S-5W/C-SE-SE.

MARTIN STUCKY
Lease Name

Well No. 1
Test No. 2

Field Area
WILDCAT

County KINGMAN

State

KANSAS

3773' = 3782'
Tested Interval

DONALD T. INGLING
Lease Owner/Company Name

Gauge No. 1839			Depth 3767'			Clock No. 7098			12 hour	Ticket No. 277529					
First Flow Period			First Closed In Pressure			Second Flow Period		Second Closed In Pressure			Third Flow Period		Third Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	10	.000		37	.000	42	.000		81					
1	.0345	16	.0192		357	.0673	50	.0273		466					
2	.0690	21	.0384		646	.1346	58	.0546		702					
3	.1035	25	.0576		864	.2019	65	.0819		837					
4	.1380	31	.0768		984	.2692	70	.1092		931					
5	.1725	35	.0960		1032	.3365	76	.1365		995					
6	.2070	37	.1152		1091	.4040	81	.1638		1045					
7			.1344		1148			.1911		1083					
8			.1536		1199			.2180		1109					
9			.1728		1219										
10			.1920		1219										
11															
12															
13															
14															
15															

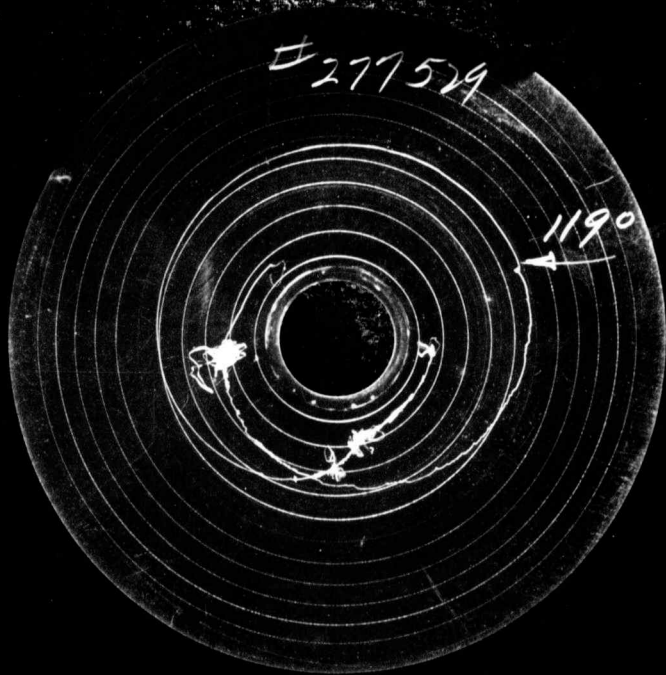
Gauge No. 1838			Depth 3777'			Clock No. 4197			hour	12					
0	.000	18	.000		41	.000	51	.000		83					
1	.0337	19	.0202		379	.0675	55	.0278		472					
2	.0674	25	.0404		658	.1350	62	.0556		702					
3	.1011	29	.0606		842	.2025	70	.0834		840					
4	.1348	35	.0808		954	.2700	73	.1112		933					
5	.1685	39	.1010		1035	.3375	79	.1390		998					
6	.2020	41	.1212		1093	.4050	83	.1668		1047					
7			.1414		1136			.1946		1085					
8			.1616		1170			.2230		1113					
9			.1818		1199										
10			.2020		1222										
11															
12															
13															
14															
15															
Reading Interval 5			3			10			4			Minutes			

REMARKS:

277529

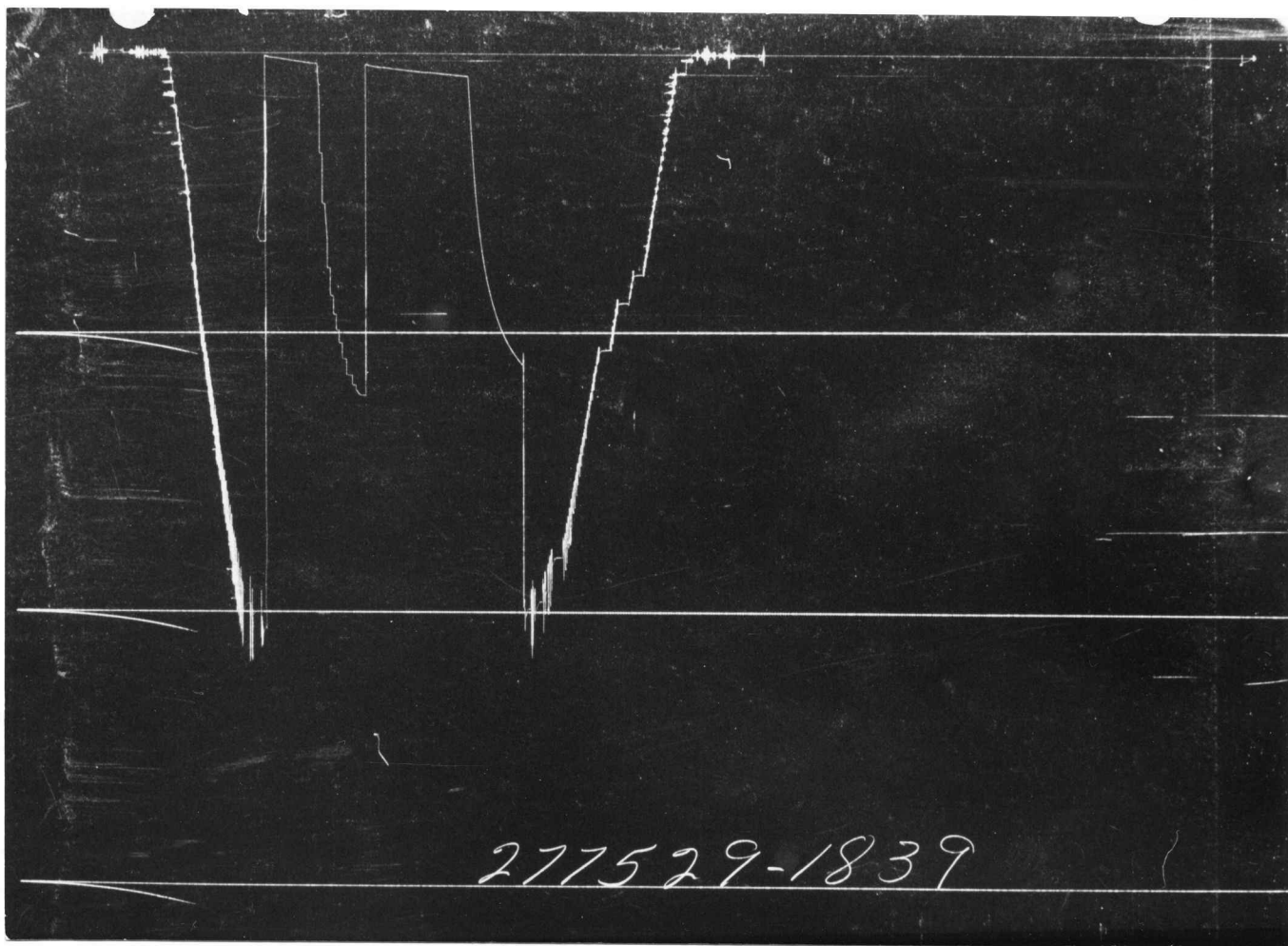
	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	5.75"	2.75"	12"	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3776'	
Drill Collars				
Handling Sub & Choke Assembly	5"	.87"	60.92"	
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	60.21"	3762'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	49.63"	3767'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	48.89"	3773'
Distributor				
Packer Assembly				
Flush Joint Anchor	5"	2.37"	9'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case	5"	3.06"	49.63"	3777'

TEMPERATURE
RECORDER
CHART

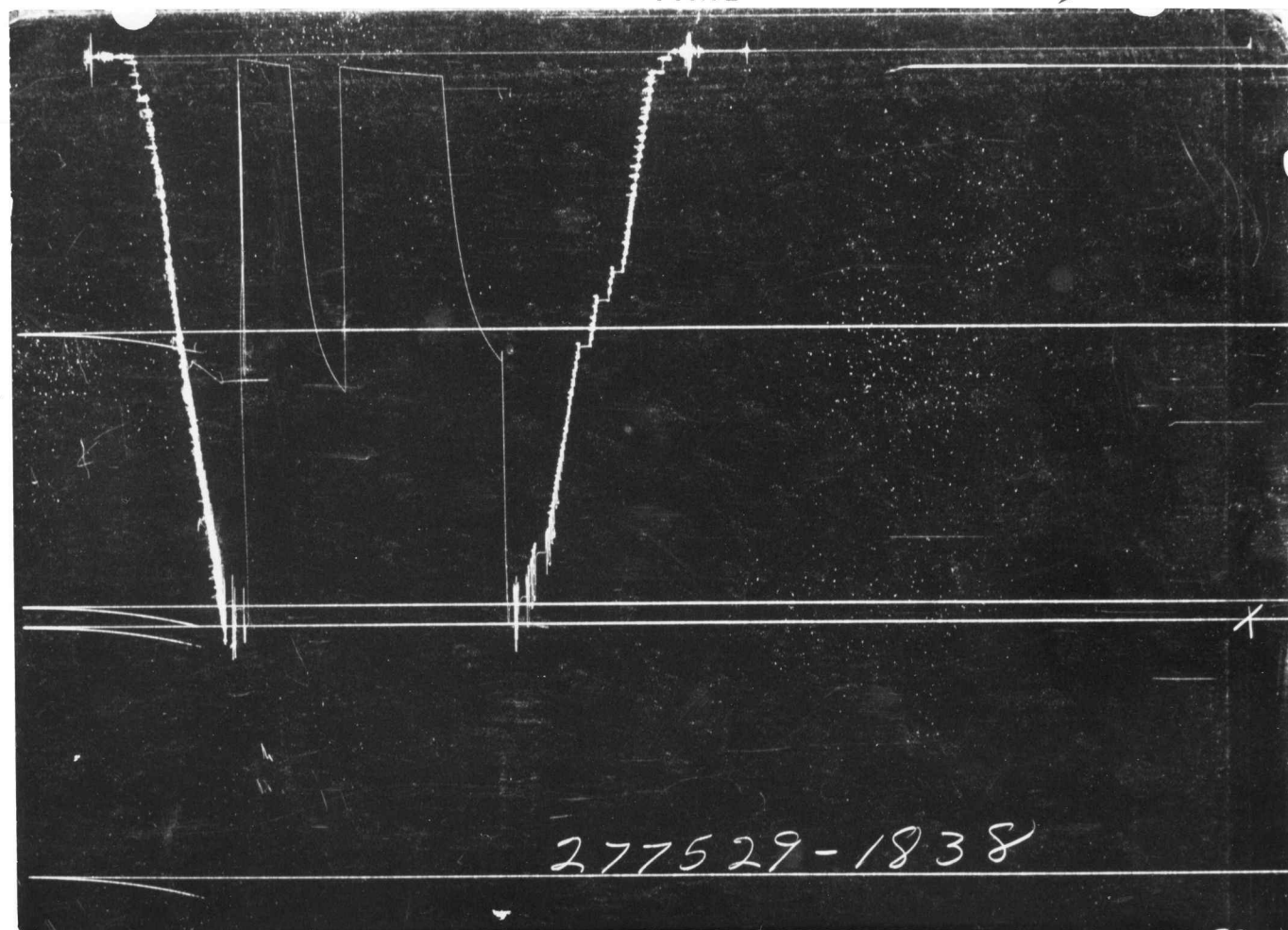


10° each circle

PRESSURE



TIME



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