

FLUID SAMPLER DATA		Date	4-12-70	Ticket Number	235006-B
Sampler Pressure _____ P.S.I.G. at Surface	Recovery: Cu. Ft. Gas _____	Kind of Job	OPEN HOLE STRADDLE	Halliburton District	LIBERAL
cc. Oil _____	cc. Water _____	Tester	MR. O'NEAL	Witness	MR. ARMSTRONG
cc. Mud _____	Tot. Liquid cc. _____	Drilling Contractor	STICKLE DRILLING COMPANY	IC	S
Gravity _____ ° API @ _____ °F.	Gas/Oil Ratio _____ cu. ft./bbl.	EQUIPMENT & HOLE DATA			
	RESISTIVITY	CHLORIDE CONTENT	Formation Tested	St. Louis	
Recovery Water _____ @ _____ °F. _____ ppm			Elevation	2785' KB Ft.	
Recovery Mud _____ @ _____ °F. _____ ppm			Net Productive Interval	11' Ft.	
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm			All Depths Measured From	Kelly Bushings	
Mud Pit Sample _____ @ _____ °F. _____ ppm			Total Depth	5980' Ft.	
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm			Main Hole/Casing Size	7 7/8"	
Mud Weight _____ 9.3 vis _____ 51 cp			Drill Collar Length	630' I.D. 2 1/4"	
			Drill Pipe Length	5210' I.D. 3.826"	
			Packer Depth(s)	5866' - 5885' Ft.	
			Depth Tester Valve	5846' Ft.	

Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	5846'	Surface Choke	1/4"	Bottom Choke	3/4"
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Recovered	60	Feet of	Drilling mud with specks of black oil	Meq. From Tester Valve
Recovered		Feet of		
Recovered		Feet of		
Recovered		Feet of		
Recovered		Feet of		

Remarks Opened tool for 32 minute first flow with a very weak blow. Closed tool for 43 minute initial closed in pressure. Reopened tool for 29 minute second flow with a very weak blow. Closed tool for 61 minute second closed in pressure.

TEMPERATURE	Gauge No. 540		Gauge No. 538		Gauge No. 513		TIME	
	Depth:	5847' Ft.	Depth:	5875' Ft.	Depth:	5976' Ft.		
Est. °F.	12 Hour Clock		12 Hour Clock		12 Hour Clock		Tool	XXXX
	Blanked Off NO		Blanked Off YES		Blanked Off YES		Opened	4:45 P.M.
Actual 118 °F.	Pressures		Pressures		Pressures		Tool	XXXX
							Closed	6:30 P.M.
	Field	Office	Field	Office	Field	Office	Reported	Computed
Initial Hydrostatic	2974	2978	2939	2997	-	3033	Minutes	Minutes
First Period Flow	Initial	18	13	16	25			
	Final	36	27	33	35	HYDROSTATIC	30	32
	Closed in	655	621	617	603	RELEASE	45	43
Second Period Flow	Initial	36	36	33	60			
	Final	54	35	66	45		30	29
	Closed in	1016	1023	1000	1013		60	61
Third Period Flow	Initial							
	Final							
Closed in								
Final Hydrostatic	2974	2978	2906	2997	-	3033		

Legal Location Sec. - Twp. - Rng. 22 - 32S - 33W
 Lease Name LEMERT
 Well No. 1
 Test No. 2
 Field Area WILDGAT
 County SEWARD
 State KANSAS
 Tested Interval 5866' - 5885'
 Lease Owner/Company Name YUCCA PETROLEUM COMPANY

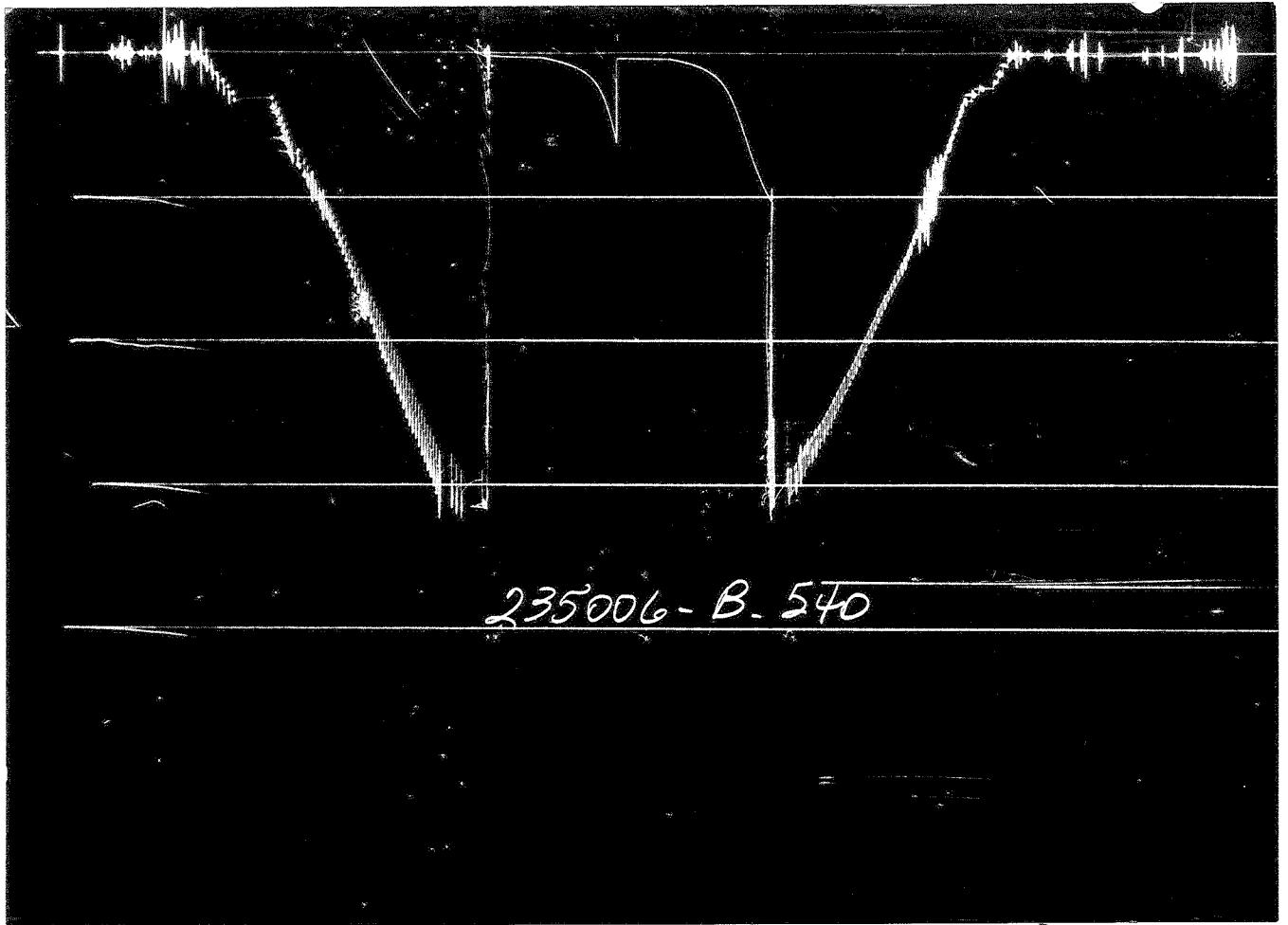
Gauge No. 540		Depth 5847'		Clock No. ???		12 hour		Ticket No. 235006-B	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$	
0	.000	13	27	.000	36	.000	35		
1	.0525	18	621	.289	35	.0326	47		
2	.1050	22				.0652	60		
3	.1575	24				.0979	78		
4	.2100	27				.1305	102		
5						.1631	133		
6						.1957	186		
7						.2284	268		
8						.2610	396		
9						.2936	572		
10						.3262	742		
11						.3589	883		
12						.3980	1023*		
13									
14									
15									

Gauge No. 538		Depth 5875'		Clock No. 1801		12 hour	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$		$\text{Log } \frac{t + \theta}{\theta}$	
0	.000	25	35	.000	60	.000	45
1	.053	28	603	.286	45	.0336	50
2	.106	30				.0672	62
3	.159	32				.1008	77
4	.212	35				.1344	99
5						.1680	127
6						.2016	171
7						.2352	242
8						.2688	365
9						.3024	543
10						.3361	719
11						.3697	867
12						.4100	1013*
13							
14							
15							

Reading Interval	8	5	Minutes
REMARKS:	*Last interval equal to 6 minutes		

SPECIAL PRESSURE DATA

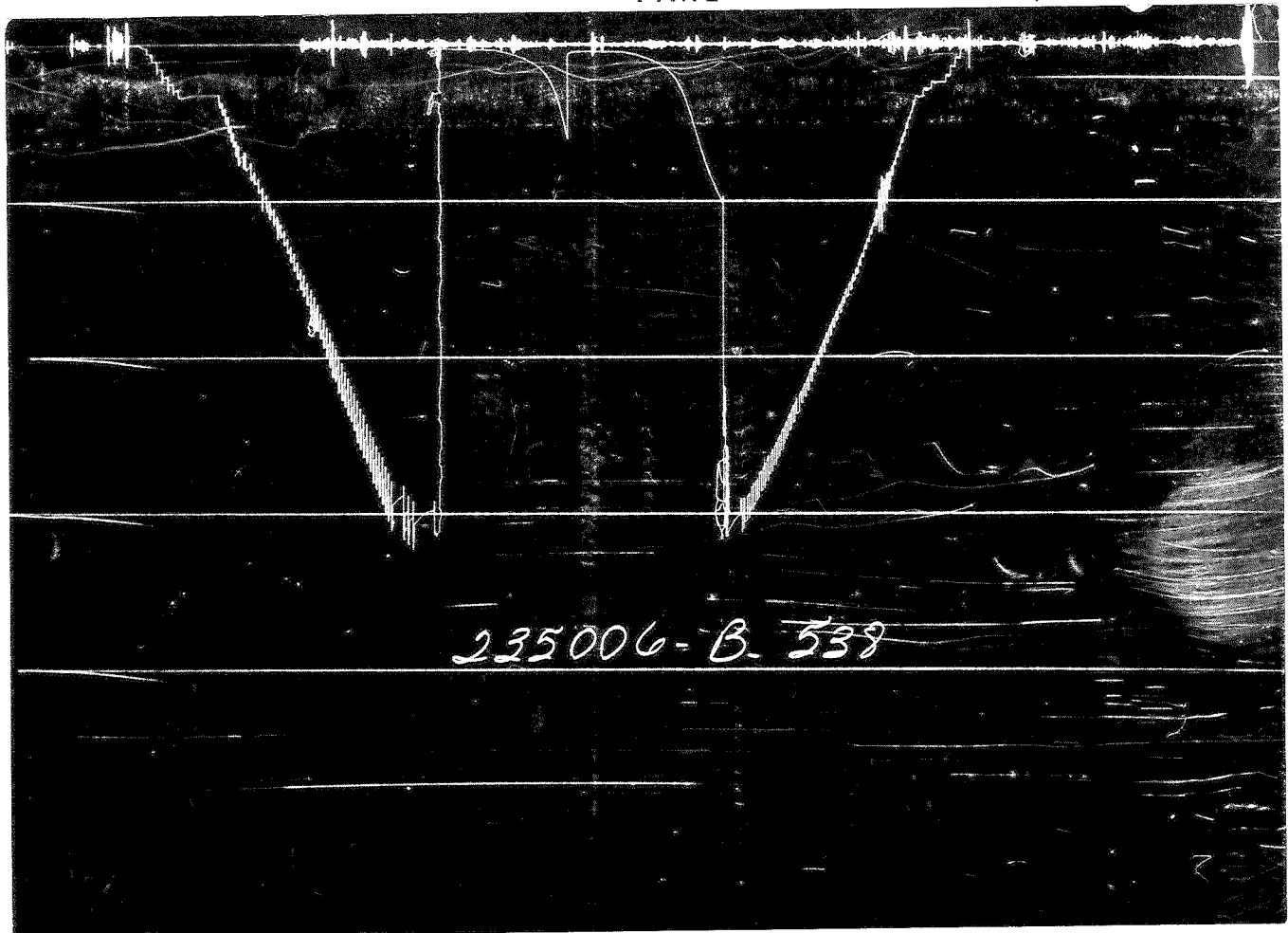
	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	5210'	
Drill Collars	-	2 1/4"	630'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	6'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	3/4"	5'	5846'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2 3/8"	4'	5847'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly				
Distributor				
Packer Assembly	6 3/4"	2 3/8"	4'	5866'
Flush Joint Anchor				
Pressure Equalizing Tube	5"	2 3/8"		
Blanked-Off B.T. Running Case	5"	2 3/8"	4'	5875'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly	6 3/4"	2 3/8"	4'	5885'
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6 1/2"	2 1/4"	59'	
Flush Joint Anchor				
Blanked-Off B.T. Running Case	5"	2 3/8"	4'	5976'



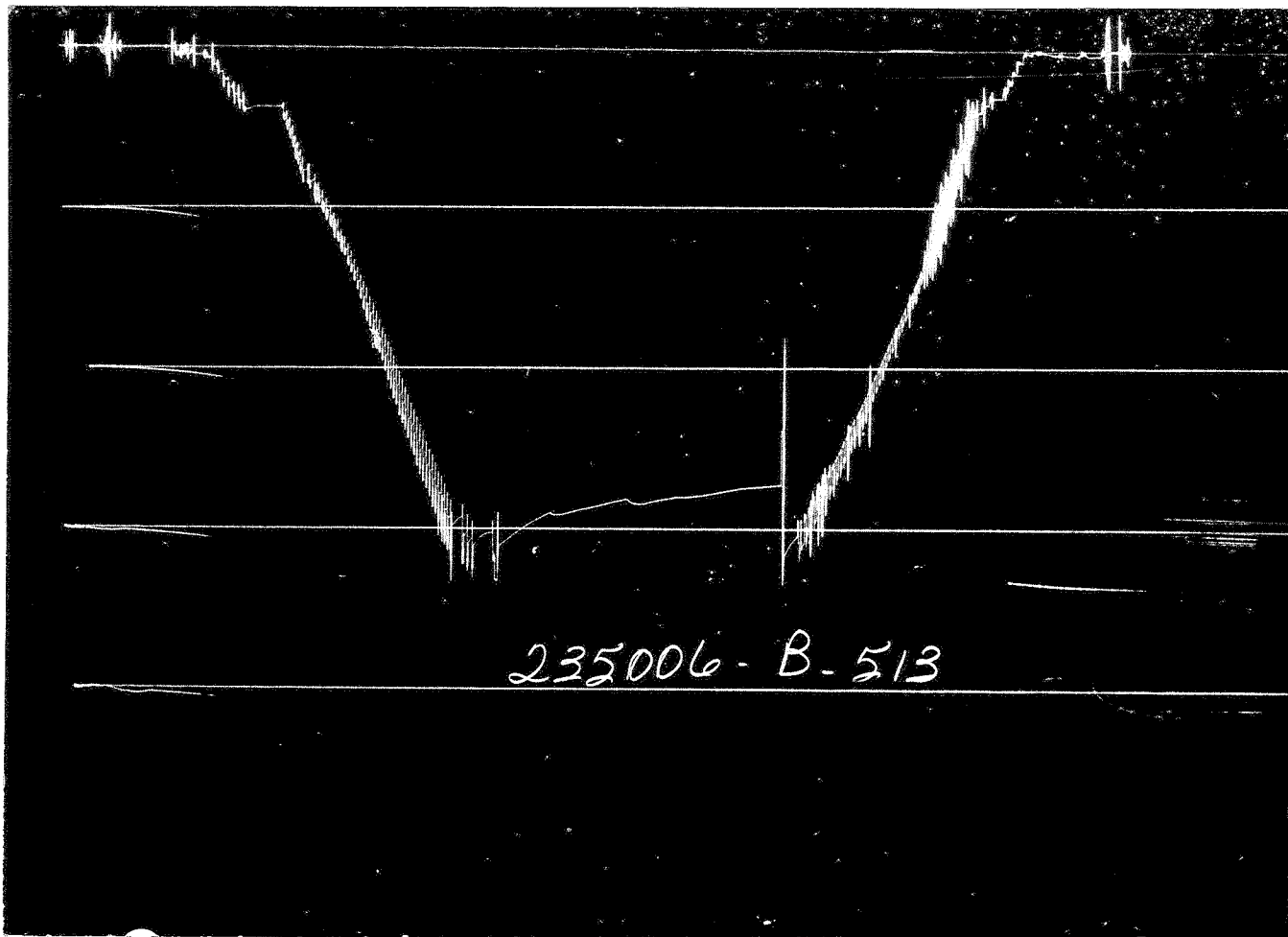
PRESSURE



TIME

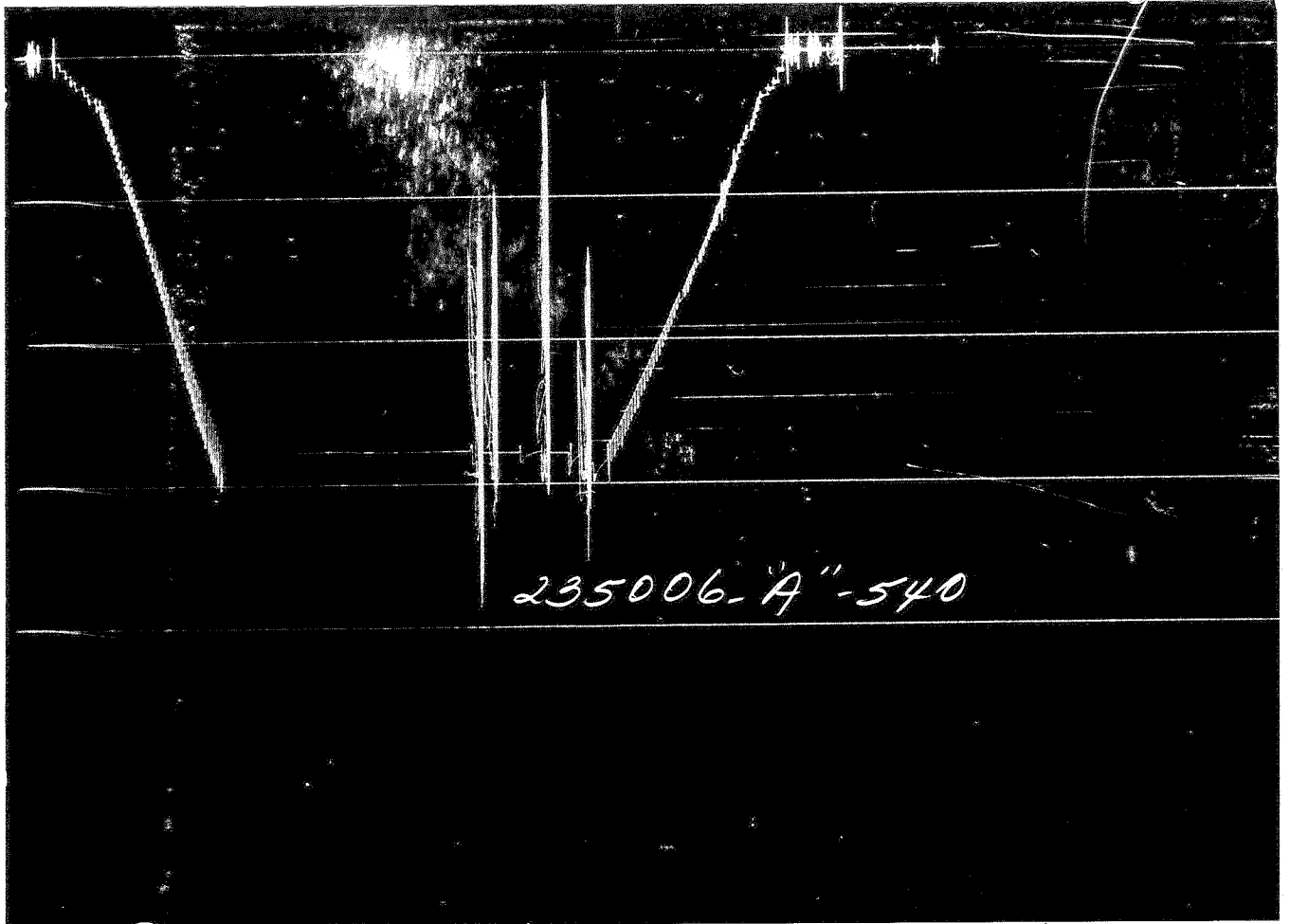


Each Horizontal Line Equal to 1000 p.s.i.



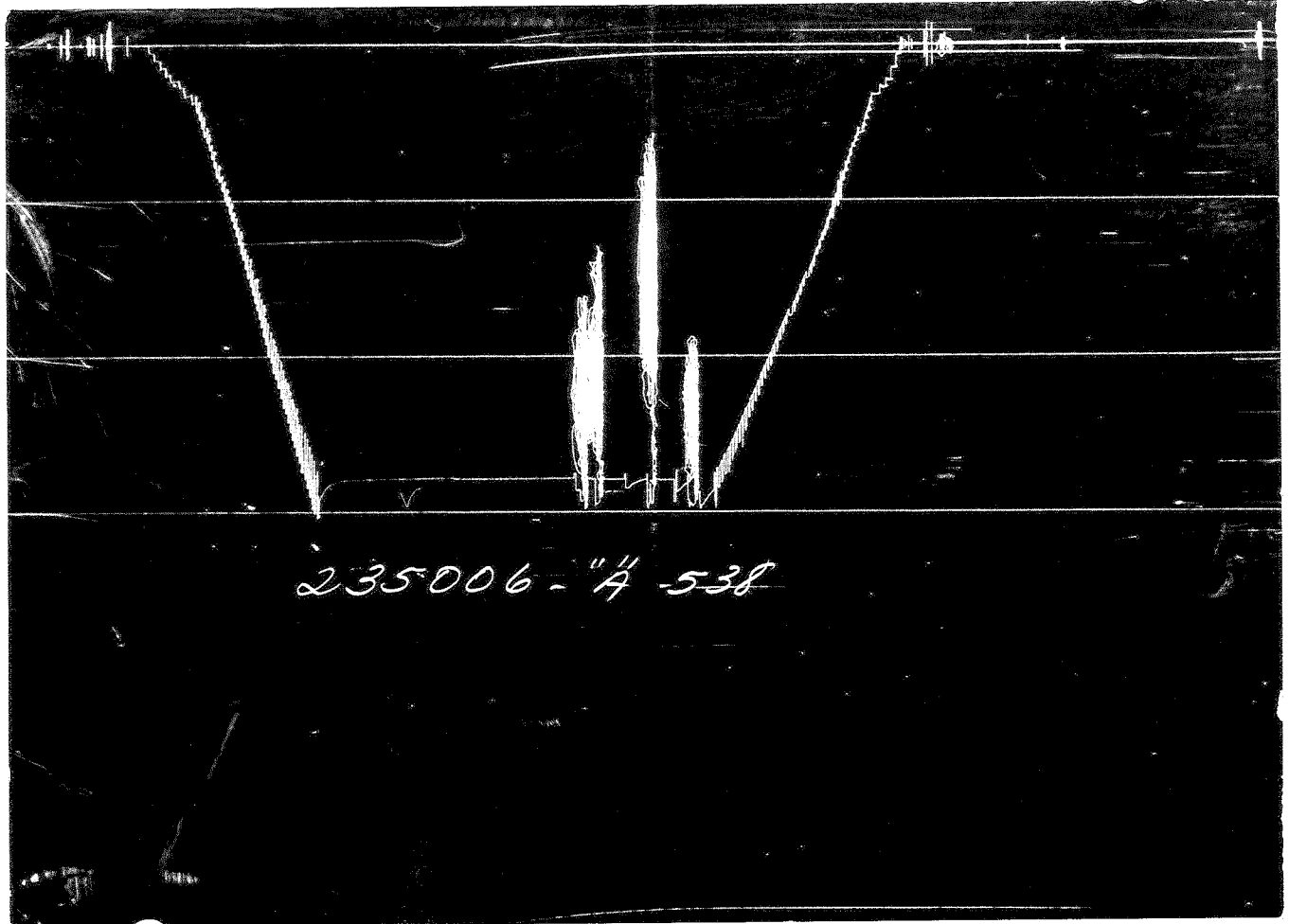


	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	603'	
Drill Collars		2 1/4"		
Handling Sub & Choke Assembly	5"	.87"	6'	
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	5'	5468'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.38"	4'	5469'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2.38"	4'	5480'
Distributor				
Packer Assembly				
Flush Joint Anchor	5"	2.38"	42'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				5500'
Drill Collars	6 1/2"	2 1/4"	30'	
Anchor Pipe Safety Joint				
Packer Assembly				5552'
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				5460'
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				5645'



PRESSURE

TIME



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

