

FLUID SAMPLE DATA				Date 1-22-78		Ticket Number 327680	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE TEST		Halliburton District PRATT	
Recovery: Cu. Ft. Gas _____				Tester G. SMYIE		Witness R. BAISLEY	
cc. Oil _____				Drilling Contractor EMPIRE DRILLING COMPANY PW			
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested Conglomerate			
Tot. Liquid cc. _____				Elevation _____ Ft.			
Gravity _____ ° API @ _____ ° F.				Net Productive Interval 8' Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY CHLORIDE CONTENT				Total Depth 5279' Ft.			
Recovery Water _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Recovery Mud _____ @ _____ ° F. _____ ppm				Drill Collar Length 540' I.D. 2.00"			
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Pipe Length 4697' I.D. 3.826"			
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Packer Depth(s) 5259' - 5265' Ft.			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Depth Tester Valve 5243' Ft.			
Mud Weight 9.6 vis 49 sec							
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion						Bottom Choke 3/4"	
Recovered		30 Feet of mud.					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET.....							
TEMPERATURE		Gauge No. 5605		Gauge No. 5604		Gauge No.	
Depth: 5244 Ft.		Depth: 5275 Ft.		Depth:		TIME	
Est. 122 ° F.		12 Hour Clock		12 Hour Clock		Tool _____ A.M.	
Blanked Off NO		Blanked Off YES		Blanked Off		Opened 1215 P.M.	
Actual _____ ° F.		Pressures		Pressures		Opened _____ A.M.	
		Field Office		Field Office		Bypass 1600 P.M.	
		Field Office		Field Office		Reported Computed	
		Field Office		Field Office		Minutes Minutes	
First Period	Initial Hydrostatic	2648		2723			
	Flow Initial	11		32			
	Flow Final	11		32			
Second Period	Closed in	28		57		15	
	Flow Initial	13		32		30	
	Flow Final	11		32			
Third Period	Closed in	27		57		60	
	Flow Initial					120	
	Flow Final						
Final Hydrostatic		2648		2707			
				2664			

Legal Location Sec. - Twp. - Rng. **33 - 29 - 22** *C.N.W. 36*

Lease Name **MC FADDEN**

Well No. **1**

Test No. **3**

Tested Interval **5265' - 5279'**

County **FORD**

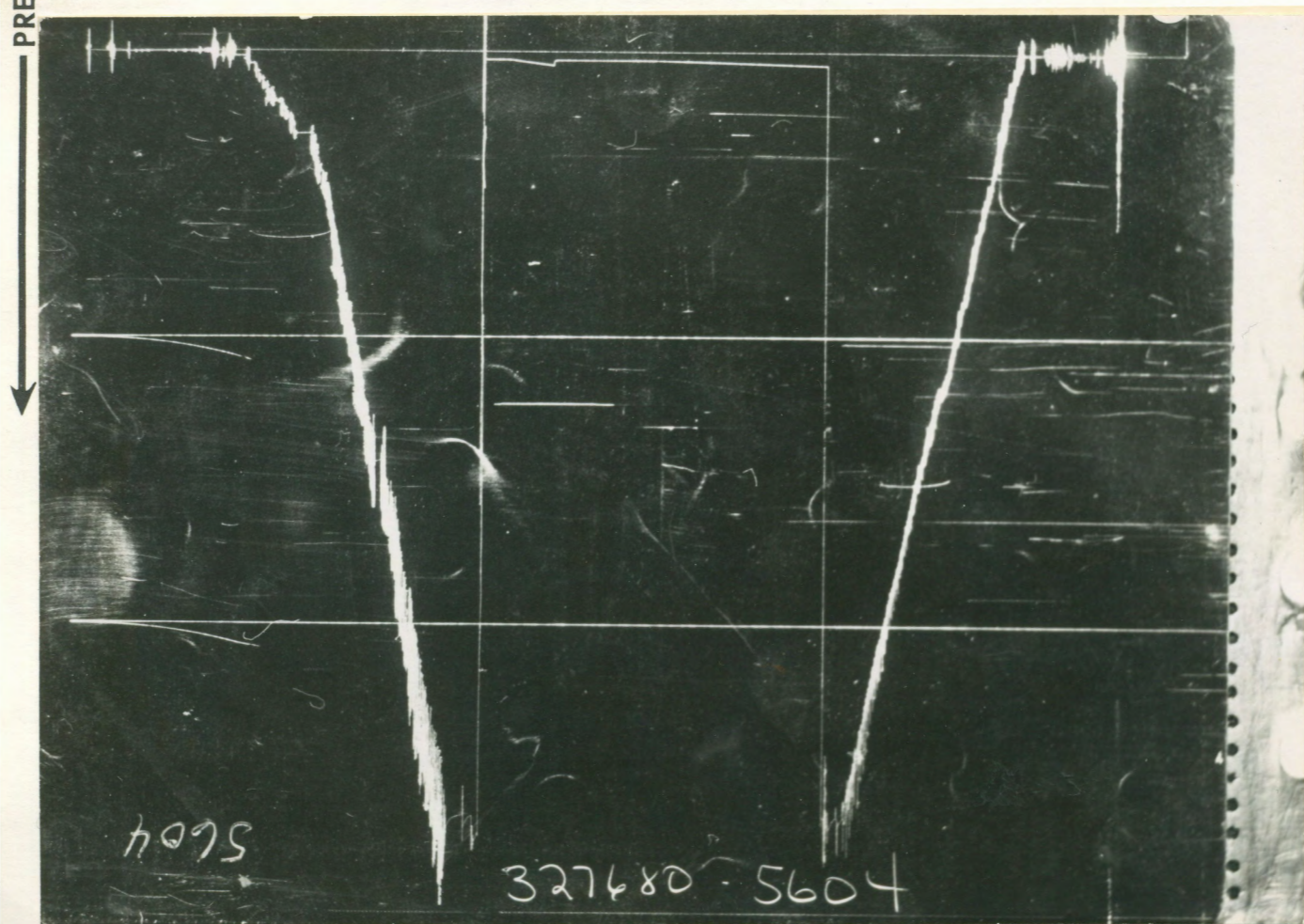
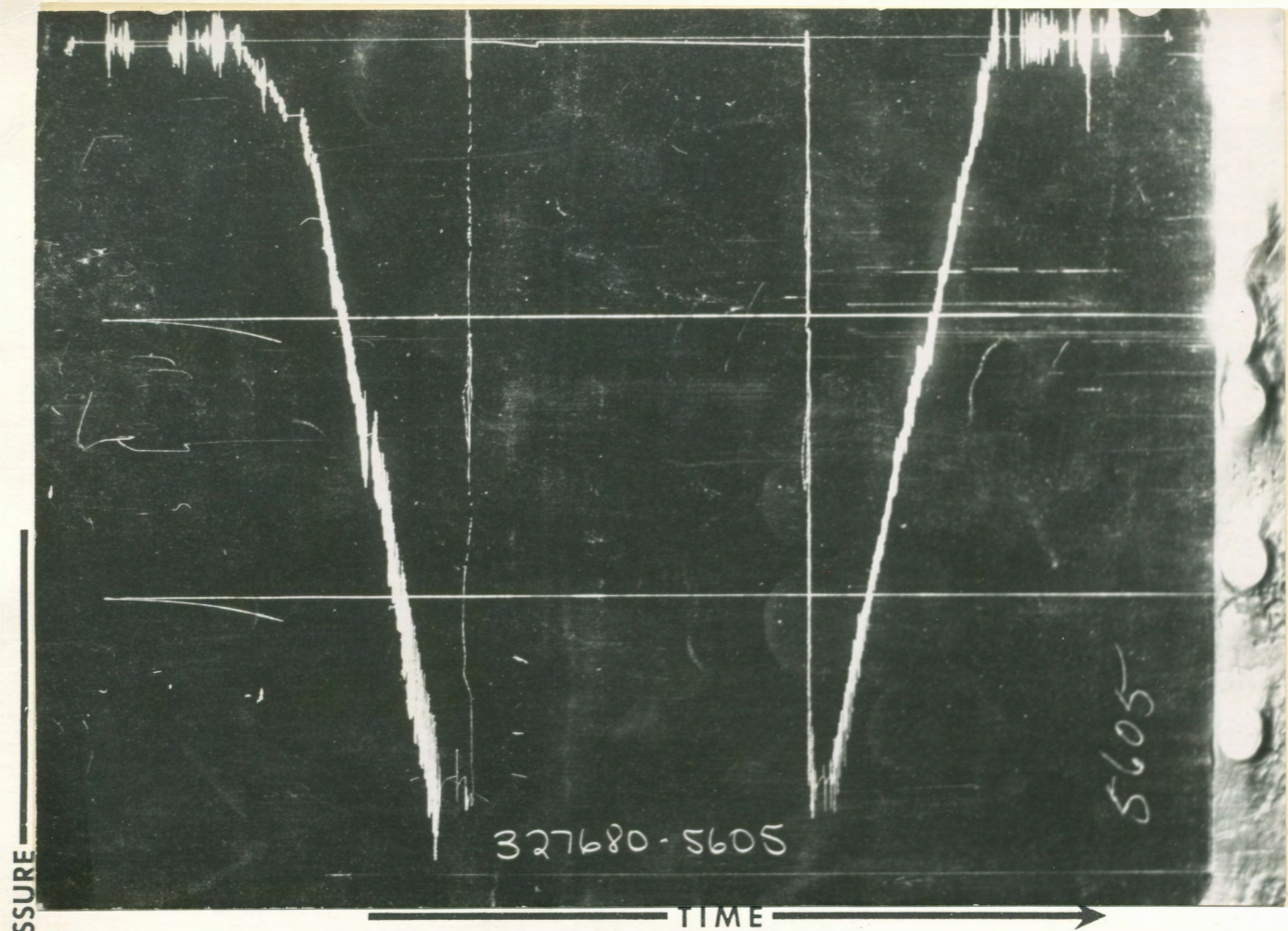
State **KANSAS**

Lease Owner/Company Name **PLAINS RESOURCES**

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 327660
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.75"	2.50"	1'	
Water Cushion Valve				
Drill Pipe	4.5"	3.826"	4697'	
Drill Collars	5.75"	2.25"	540'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5.0"	.87"	6'	5238'
Dual CIP Sampler				
Hydro-Spring Tester	5.0"	.75"	5'	5243'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5.0"	3.75"	4'	5244'
Hydraulic Jar	5.0"	1.00"	5'	
VR Safety Joint	5.0"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6.75"	1.53"	6'	5259'
Distributor				
Packer Assembly	6.75"	1.53"	6'	5262'
Flush Joint Anchor	5.0"	2.37"	7'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5.0"	2.50"	4'	5275'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				
Total Depth				5279'



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

FLUID SAMPLE DATA				Date 1-26-78		Ticket Number 327714					
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job STRADDLE OPEN HOLE		Halliburton District PRATT					
Recovery: Cu. Ft. Gas _____				Tester MR. GEORGE		Witness R. PAISLEY					
cc. Oil _____				Drilling Contractor EMPIRE DRILLING COMPANY # 6 sm							
cc. Water _____				EQUIPMENT & HOLE DATA							
cc. Mud _____				Formation Tested Mississippi							
Tot. Liquid cc. _____				Elevation 2443' Ft.							
Gravity _____ ° API @ _____ ° F.				Net Productive Interval 60' Ft.							
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly bushing							
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 5416' Ft.							
Recovery Water _____ @ _____ ° F. _____ ppm				Main Hole/Casing Size 7 7/8"							
Recovery Mud _____ @ _____ ° F. _____ ppm				Drill Collar Length 430' I.D. 2.25"							
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm				Drill Pipe Length 4794' I.D. 3.826"							
Mud Pit Sample _____ @ _____ ° F. _____ ppm				Packer Depth(s) 5254-5260-5320-5326' Ft.							
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Depth Tester Valve 5238' Ft.							
Mud Weight 9.6 vis 53 sec				Cushion TYPE AMOUNT Depth Back Surface Bottom Ft. Pres. Valve Choke 1" Choke .75"							
Recovered 365 Feet of heavy gas & slight oil specked mud				Recovered _____ Feet of							
Recovered _____ Feet of				Recovered _____ Feet of							
Recovered _____ Feet of				Recovered _____ Feet of							
Recovered _____ Feet of				Remarks SEE PRODUCTION TEST DATA SHEET							
TEMPERATURE				Gauge No. 5604		Gauge No. 6276		Gauge No. 5605		TIME	
Depth: 5242.29 Ft.				Depth: 5314.48 Ft.		Depth: 5412 Ft.		Tool _____ A.M.			
12 Hour Clock				12 Hour Clock		12 Hour Clock		Opened 2405 P.M.			
Blanked Off no				Blanked Off yes		Blanked Off yes		Opened _____ A.M.			
Actual ° F.				Pressures		Pressures		Pressures		Bypass 0615 P.M.	
Field Office				Field Office		Field Office		Field Office		Reported Computed	
Initial Hydrostatic				2682 2896 2715		2765		Minutes Minutes		60 63	
Flow Initial				47 103 100				120 116		70 70	
Flow Final				105 145 127				120 121		70 70	
Closed in				1720 1757 1739		Hydrostatic release		120 121		70 70	
Flow Initial				146 124 264				120 121		70 70	
Flow Final				110 145 132				120 121		70 70	
Closed in				1718 1757 1736				120 121		70 70	
Flow Initial				2667 2709 2702		Unable to read		120 121		70 70	
Flow Final								120 121		70 70	
Closed in								120 121		70 70	
Final Hydrostatic								120 121		70 70	

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 327714
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED 2" merla gas tester

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1030						Called out
1200						On location
						Picked up tools
2030						Tools in table
2400						Tool on bottom with 93,000#
2405						Tool opened with a weak blow
2450		3/8"	8	57.3		Tool opened with gas to the surface
0100		"	8	57.3		
0105		"	8	57.3		Closed tool
0305		"	28	125		Opened tool
0310		"	22	107		
0315		"	17	90		
0320		"	12	72.6		
0325		"	12	72.6		
0330		"	12	72.6		
0335		"	12	72.6		
0340		"	12	72.6		
0345		"	12	72.6		
0350		"	13	76.3		
0355		"	13	76.3		
0400		"	14	79.7		
0405		"	14	79.7		
0410		"	14	79.7		
0415		"	14	79.7		Closed tool
0420						Tool off bottom
						Pulled at daylight

Gauge No.			5604			Depth		5242.29'		Clock No.		7046		12 hour	Ticket No.	327714		
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.	Time Defl. .000"	$\text{Log} \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	47	.0000		105	.0000	146	.0000		110								
1	.0604	90	.0272*		526	.0674	120	.0611**		1103								
2	.1209	98	.0816		1095	.1348	99	.1155		1487								
3	.1813	109	.1360		1417	.2023	101	.1698		1632								
4	.2417	123	.1904		1581	.2697	103	.2241		1682								
5	.3022	138	.2449		1653	.3372	105	.2785		1699								
6	.3430-C	147)	.2993		1687	.4046	107	.3328		1706								
7	.3626	112	.3537		1702	.4720	110	.3871		1710								
8	.4230	105	.4081		1709			.4415		1713								
9			.4625		1713			.4958		1714								
10			.5169		1716			.5501		1716								
11			.5713		1716			.6044		1716								
12			.6257		1717			.6588		1717								
13			.6801		1718			.7131		1717								
14			.7345		1719			.7674		1718								
15			.7890		1720			.8220		1718								

Gauge No.		6276		Depth		5314.48'		Clock No.		14118		12 hour			
0	.0000	100	.0000		127	.0000	264	.0000		132					
1	.0604	119	.0271*		547	.0677	123	.0608**		1104					
2	.1209	122	.0813		1113	.1354	120	.1148		1498					
3	.1813	135	.1355		1432	.2031	120	.1688		1649					
4	.2417	147	.1897		1596	.2708	123	.2228		1699					
5	.3022	160	.2439		1672	.3386	125	.2769		1717					
6	(.3430-C	170)	.2982		1706	.4063	128	.3309		1724					
7	.3626	141	.3524		1721	.4740	132	.3849		1727					
8	.4230	127	.4066		1728			.4389		1730					
9			.4608		1733			.4929		1732					
10			.5150		1735			.5470		1734					
11			.5692		1736			.6010		1735					
12			.6234		1737			.6550		1735					
13			.6776		1738			.7090		1735					
14			.7318		1739			.7630		1735					
15			.7860		1739			.8170		1736					
Reading Interval		9	8		10		8						Minutes		

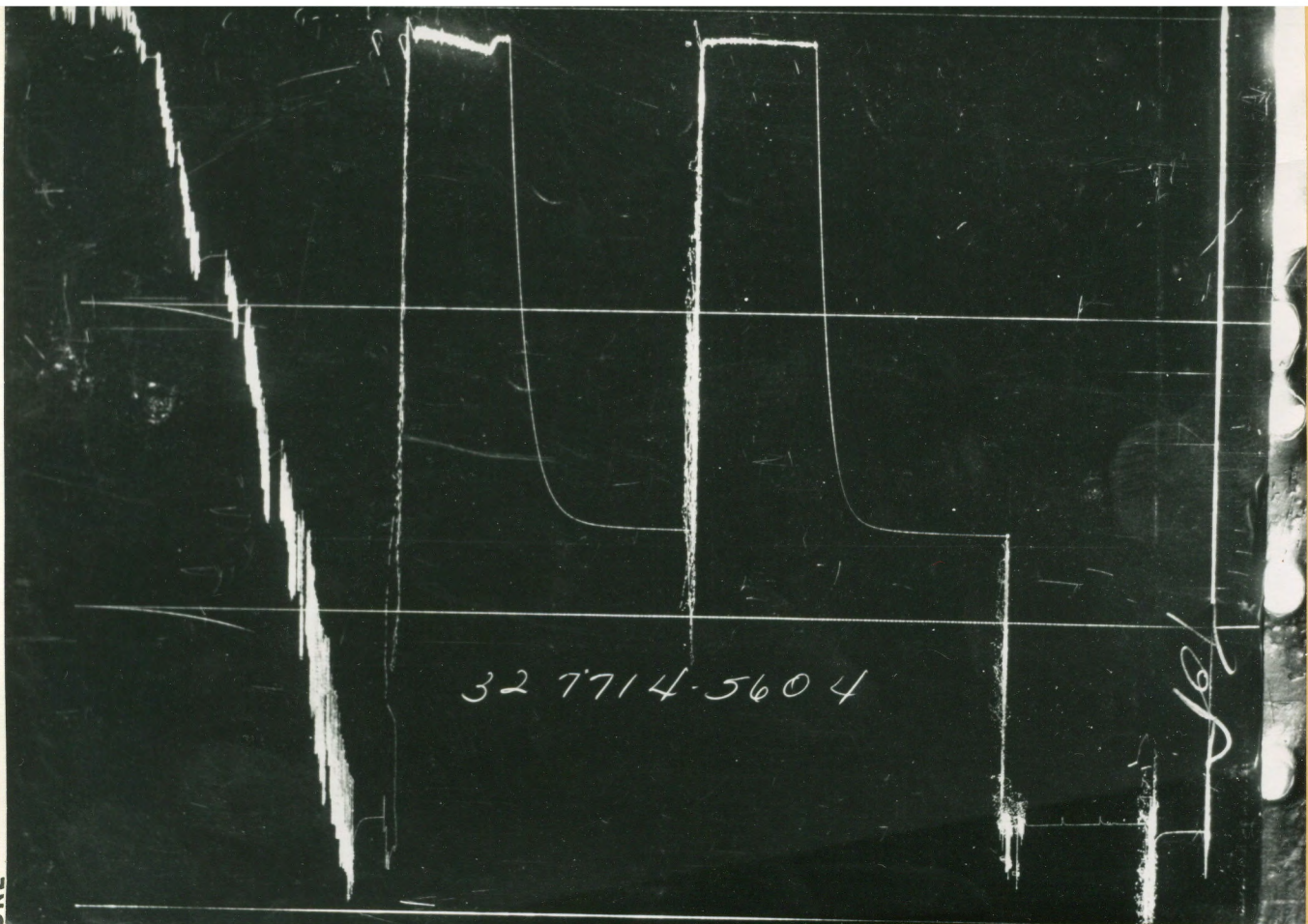
REMARKS: C = choke change *First interval is equal to 4 minutes. ** = 9 minutes.



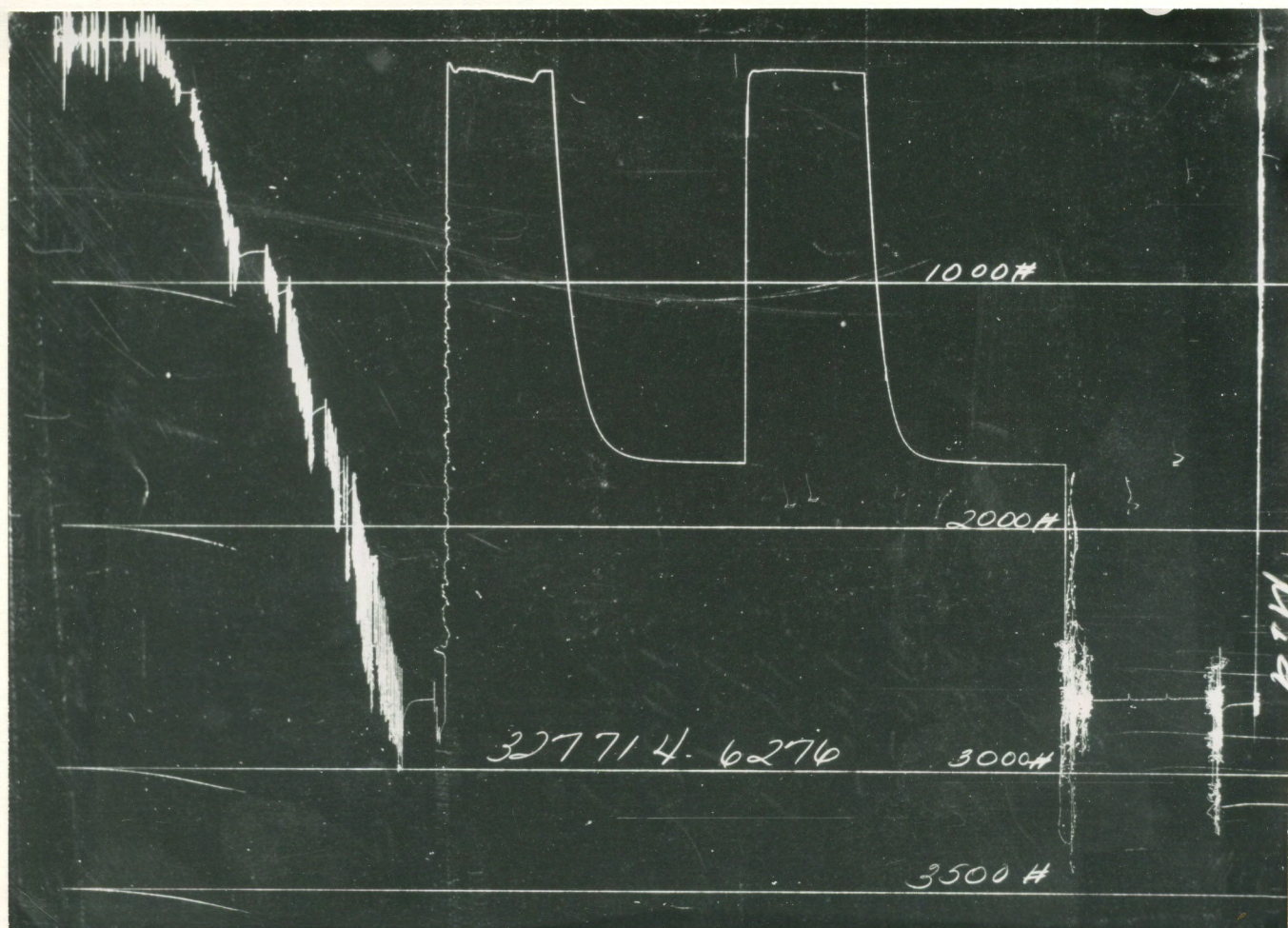
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	6"	2"	1'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	4794'	
Drill Collars	6"	2.25"	430'	
Handling Sub & Choke Assembly X over	6"	2"	1'	
Dual CIP Valve	5"	.87"	6'	5233.29'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	5238'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	5242.29'
Hydraulic Jar	5"	1.50"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover	5"	1"	1'	
Packer Assembly	6.75"	1.53"	6'	5254'
Distributor Packer	6.75"	1.53"	6'	5260'
Perfs	5"	2.37"	13'	
Packer Assembly Cross over	6"	2"	1'	
Drill collar	6"	2.25"	26.19'	
Cross over	5"	2"	1'	
Flush Joint Anchor	5"	2.37"	10'	
Pressure Equalizing Tube	5"	2"	1'	
Blanked-Off B.T. Running Case	5"	3.06"	4'	5314.48'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly	6.75"	1.53"	6'	5320'
Distributor				
Packer Assembly	6.75"	1.53"	6'	5326'
Anchor Pipe Safety Joint				
Double pin	5"	2"	1'	
Slide Wall Anchor	5"	2.37"	18'	
Cross over	6"	2"	3'	
Drill Collars	6"	2.25"	52.52'	
Cross over	6"	2"	2'	
Flush Joint Anchor	5"	2.37"	5'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	5412'
Total Depth				5416'

↑ PRESSURE

↓



TIME →



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

32 7714-5605