

TYADEN

Lease Name

Well No.

Test No.

3031-3136'

AMERICAN CONTINENTAL MARINE OIL CORPORATION

Lease Owner/Company Name

Legal Location
Sec. - Twp. - Rng.

32-29-2W

Field
Area

HATTA

County

SEDGWICK

State

KANSAS

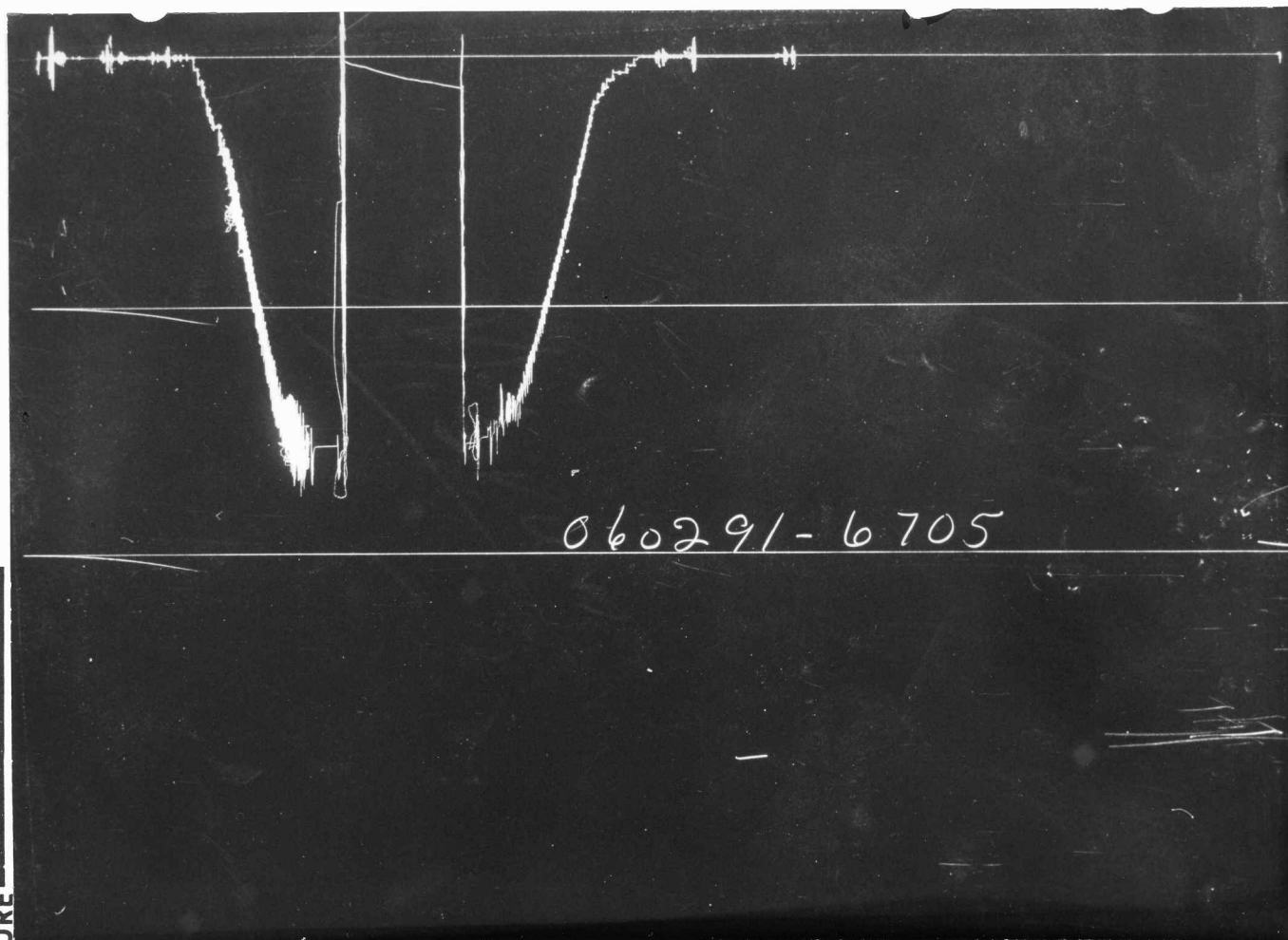
FLUID SAMPLE DATA				Date 4-4-76		Ticket Number 060291	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District EL DORADO	
Recovery: Cu. Ft. Gas _____				Tester MR. BUTCHER		Witness MR. ELSTER	
cc. Oil _____				Drilling Contractor TRIANGLE DRILLING COMPANY RIG # 2 DR			
cc. Water _____				EQUIPMENT & HOLE DATA			
cc. Mud _____				Formation Tested Kansas City			
Tot. Liquid cc. _____				Elevation ? Ft.			
Gravity _____ ° API @ _____ °F.		Gas/Oil Ratio _____ cu. ft./bbl.		Net Productive Interval 105' Ft.			
RESISTIVITY		CHLORIDE CONTENT		All Depths Measured From Kelly Bushing			
Recovery Water _____ @ _____ °F. _____ ppm		Recovery Mud _____ @ _____ °F. _____ ppm		Total Depth 3136' Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm		Mud Pit Sample _____ @ _____ °F. _____ ppm		Main Hole/Casing Size 7 7/8"			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm		Mud Weight 10.2 vis 46 cp		Drill Collar Length 308' I.D. 2.375"			
				Drill Pipe Length 2742 1/2' I.D. 3.826"			
				Packer Depth(s) 3025-3031' Ft.			
				Depth Tester Valve 3016' Ft.			
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion						1/4"	
						Bottom Choke 3/4"	
Recovered 183		Feet of drilling mud					
Recovered 56		Feet of slightly water cut drilling mud					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks		SEE PRODUCTION TEST DATA SHEET					
TEMPERATURE		Gauge No. 6705 Depth: 3018 Ft.		Gauge No. 6704 Depth: 3132 Ft.		Gauge No. _____ Depth: _____ Ft.	
Est. 101 °F.		12 Hour Clock		12 Hour Clock		Hour Clock	
Blanked Off No		Blanked Off Yes		Blanked Off		Tool _____ A.M.	
Actual _____ °F.		Pressures		Pressures		Opened 1:08 P.M.	
		Field Office		Field Office		Opened _____ A.M.	
		Field Office		Field Office		Bypass _____ P.M.	
		Field Office		Field Office		Reported _____ Computed _____	
		Field Office		Field Office		Minutes Minutes	
Initial Hydrostatic		1566		1648		1631	
Flow Initial		13		84		84	
Flow Final		128		199		189	
Closed in							
Second Period Flow Initial							
Flow Final							
Closed in							
Third Period Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		1556		1617		1618	

FORMATION TEST DATA

Casing perfs. _____ Bottom choke 3/4" Surf. temp _____ °F Ticket No. 060291
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
 INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

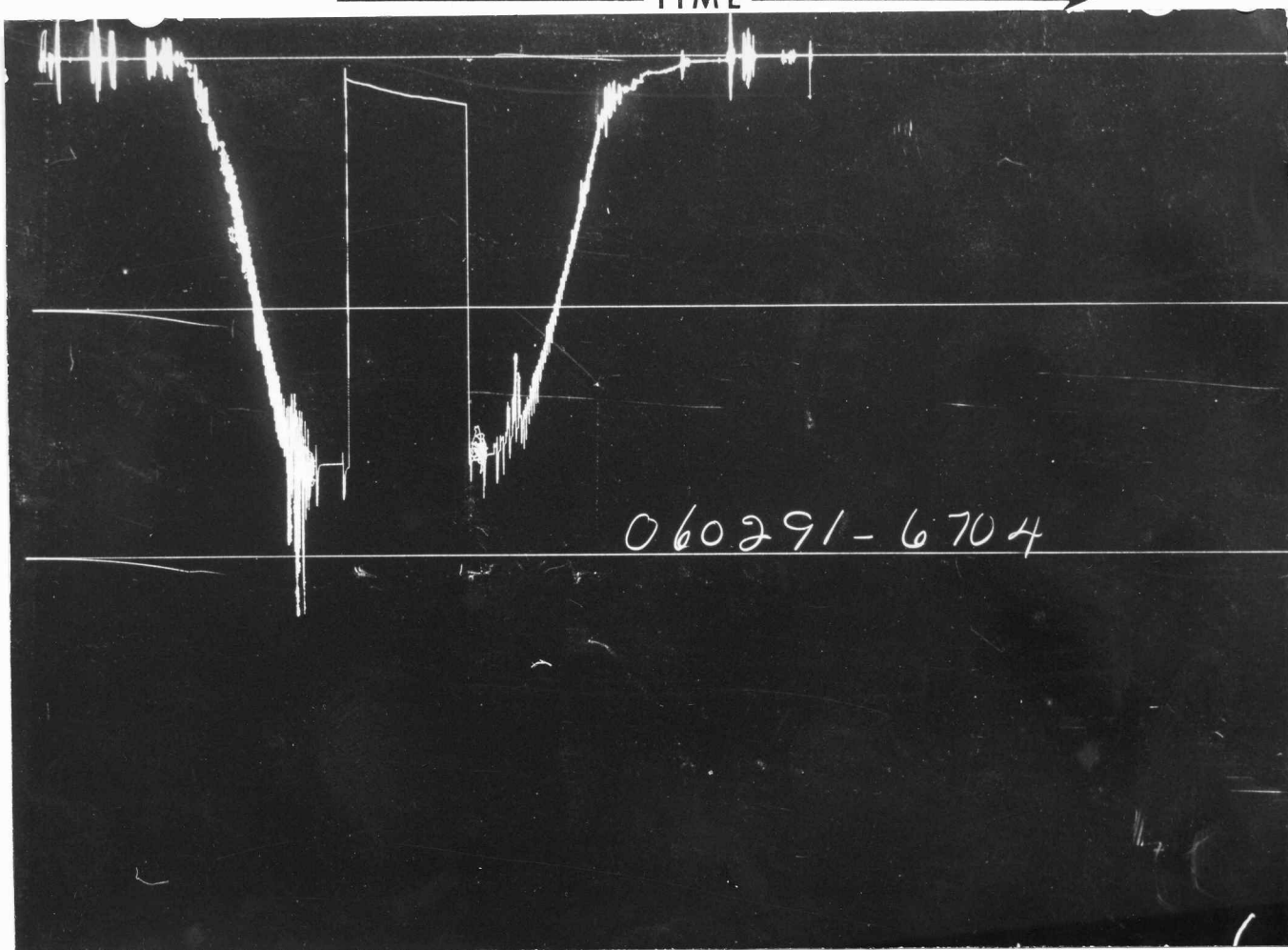
Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
4-3-76						
7:30						Truck called # 9082
9:15						On location, trip out DST
10:00						Made up tool
10:20						Picked up tool
11:20						Went in hole
4-4-76						
12:35						5 Stands off bottom, tight going through
						stalnaker. Had been stuck 24 hours
						before.
1:05						On bottom-ok
1:08						Opened tool with a weak blow
1:10						Blow building 1½"
1:20						Fair blow 3"
1:30						Fair blow 3"
1:45						Fair blow 3"
2:00						Blow still building 4"
2 08						Ready to closed tool
						Could not close, torqued up pipe.
						Pickup more weight, tried again, would
						not turn. Picked up weight, drill pipe
						still would not turn. Talked to Mr.
						Elster. Stalnaker must have came in
2:20						around drill pipe. Pulled loose, ok
						and backed 6 stands out till freed up
						above stalnaker formation.

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5 3/4"	2.75"	2' Change over	
Reversing Sub	5 3/4"	2.75"	1'	
	5 3/4"	2.75"	1' Double pin	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	2742 1/2'	
Drill Collars	5 3/4"	2.375"	308'	
Handling Sub & Choke Assembly	4 1/2"	3.50"	4 1/2'	
Dual CIP Valve	5"	.87"	5'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	3016'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.75"	4'	3018'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.50"	6'	3025'
Distributor				
Packer Assembly	6 3/4"	1.50"	6'	3031'
Flush Joint Anchor	5"	3.84"	13'	
Pressure Equalizing Tube	5 3/4"	2.75"	2' Change over	
Blanked-Off B.T. Running Case	4 1/2"	3.826"	61' 4 1/2" Xh drill pipe	
Drill Collars				
Anchor Pipe Safety Joint	5 3/4"	2.75"	2' Change over	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	3.84"	22'	
Blanked-Off B.T. Running Case	5"	2.75"	4'	3132'
Total Depth				3136'



PRESSURE

TIME



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

Lease Owner/Company Name _____

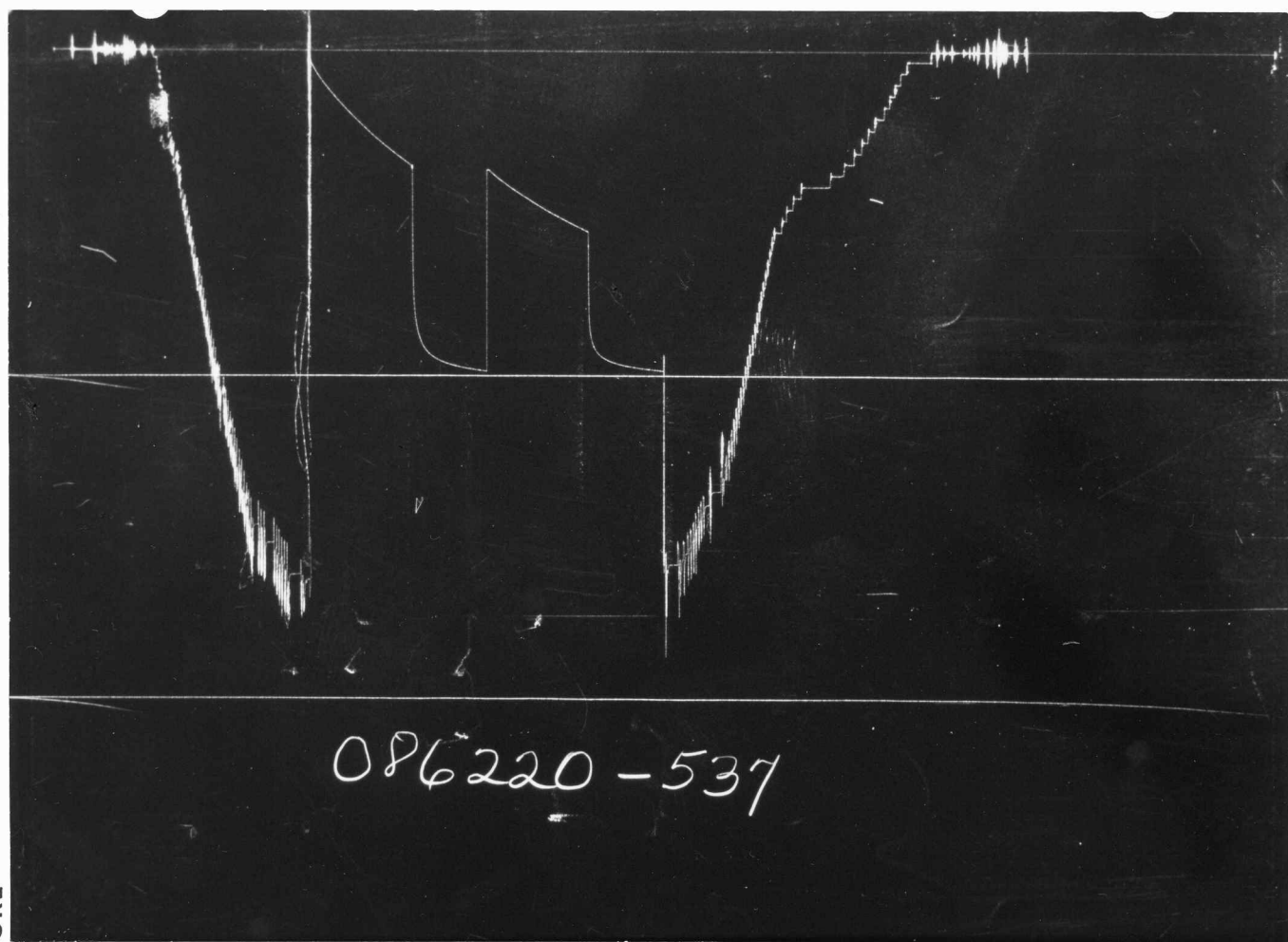
FLUID SAMPLE DATA				Date		Ticket Number	
Sampler Pressure _____ P.S.I.G. at Surface				4-4-76		086220	
Recovery: Cu. Ft. Gas _____				Kind of Job		Halliburton District	
cc. Oil _____				OPEN HOLE		WINFIELD	
cc. Water _____				Tester		Witness	
cc. Mud _____				MR. DURHAM		MR. ELSTER	
Tot. Liquid cc. _____				Drilling Contractor		BJ S	
Gravity _____ ° API @ _____ °F.				EQUIPMENT & HOLE DATA			
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested			
RESISTIVITY _____ CHLORIDE CONTENT _____				Kansas City Lime			
Recovery Water _____ @ _____ °F. _____ ppm				Elevation			
Recovery Mud _____ @ _____ °F. _____ ppm				1312' KB			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Net Productive Interval			
Mud Pit Sample _____ @ _____ °F. _____ ppm				31' _____ Ft.			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				All Depths Measured From			
Mud Weight 9.2 vis 48 cp				Kelly Bushing			
				Total Depth			
				3165' _____ Ft.			
				Main Hole/Casing Size			
				7 7/8"			
				Drill Collar Length			
				29' I.D. 2.25"			
				Drill Pipe Length			
				3074' I.D. 3.826"			
				Packer Depth(s)			
				3129' 3134' _____ Ft.			
				Depth Tester Valve			
				3116' _____ Ft.			
TYPE		AMOUNT		Depth Back		DCIP VALVE Surface	
Cushion				Ft. Pres. Valve		Choke	
				3112'		1/4" Bottom Choke 3/4"	
Recovered		630' Feet of		gas in drill pipe.			
Recovered		60' Feet of		oil and gas cut drilling mud.			
Recovered		60' Feet of		oil and gas cut muddy water.			
Recovered		120' Feet of		oil cut muddy water.			
Recovered		840' Feet of		salt water.			
Remarks		SEE PRODUCTION TEST DATA SHEET....					
TEMPERATURE		Gauge No. 537		Gauge No. 291		Gauge No.	
Depth: 3120' Ft.		Depth: 3161' Ft.		Depth: _____ Ft.		TIME	
Est. 106 °F.		12 Hour Clock		12 Hour Clock		Hour Clock	
Blanked Off NO		Blanked Off YES		Blanked Off		Tool 545 A.M.	
Actual °F.		Pressures		Pressures		Opened 917 P.M.	
		Field Office		Field Office		Reported Computed	
Initial Hydrostatic		1633 1614		1633		Minutes Minutes	
Flow Initial		24 35		55		_____	
Flow Final		361 356		375		62 61	
Closed in		980 984		1002		45 45	
Flow Initial		361 365		386		_____	
Flow Final		541 555		575		60 60	
Closed in		980 983		1003		45 45	
Flow Initial						_____	
Flow Final						_____	
Closed in						_____	
Final Hydrostatic		1585 1583		1602		_____	

Casing perms. _____ Bottom choke 3/4" Surf. temp. _____ °F Ticket No. 086220
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity 1.150 Chlorides 141000 ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

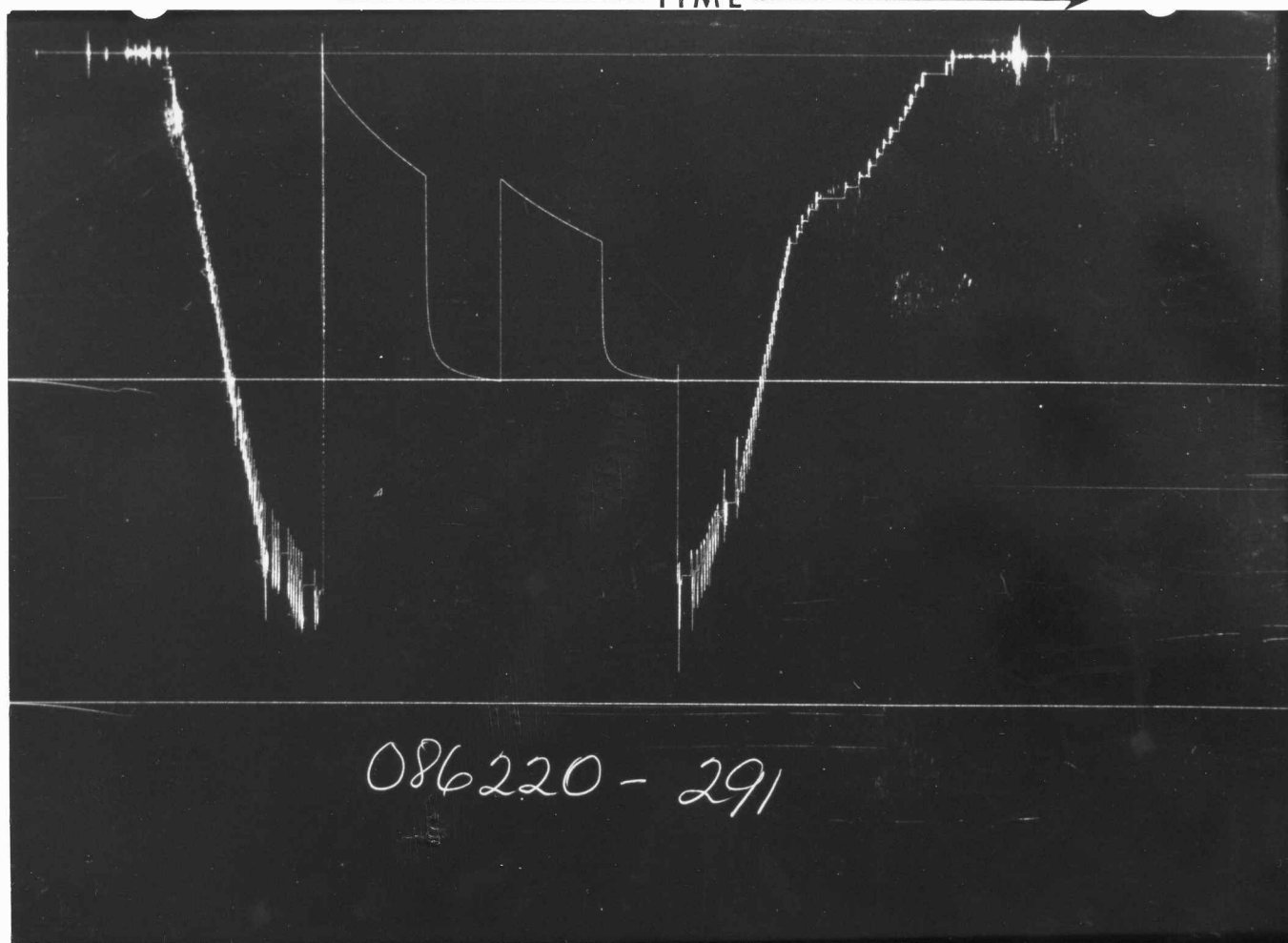
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	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.75"	2"	1'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	3074'	
Drill Collars	5.75"	2.25"	29'	
Handling Sub & Choke Assembly	4.50"	3.826"	4'	
Dual CIP Valve	5"	.75"	4'	3112'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	4'	3116'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2.25"	4'	3120'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6.75"	2.25"	4'	3129'
Distributor				
Packer Assembly	6.75"	2.25"	4'	3134'
Flush Joint Anchor	5"	2.25"	27'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2.25"	4'	3161'
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				3165'

— PRESSURE —
↓



— TIME —→



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

[illegible]

Casing perms. _____ Bottom choke 3/4" Surf. temp _____ °F Ticket No. 086221
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity 1.150 Chlorides 141,000 ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

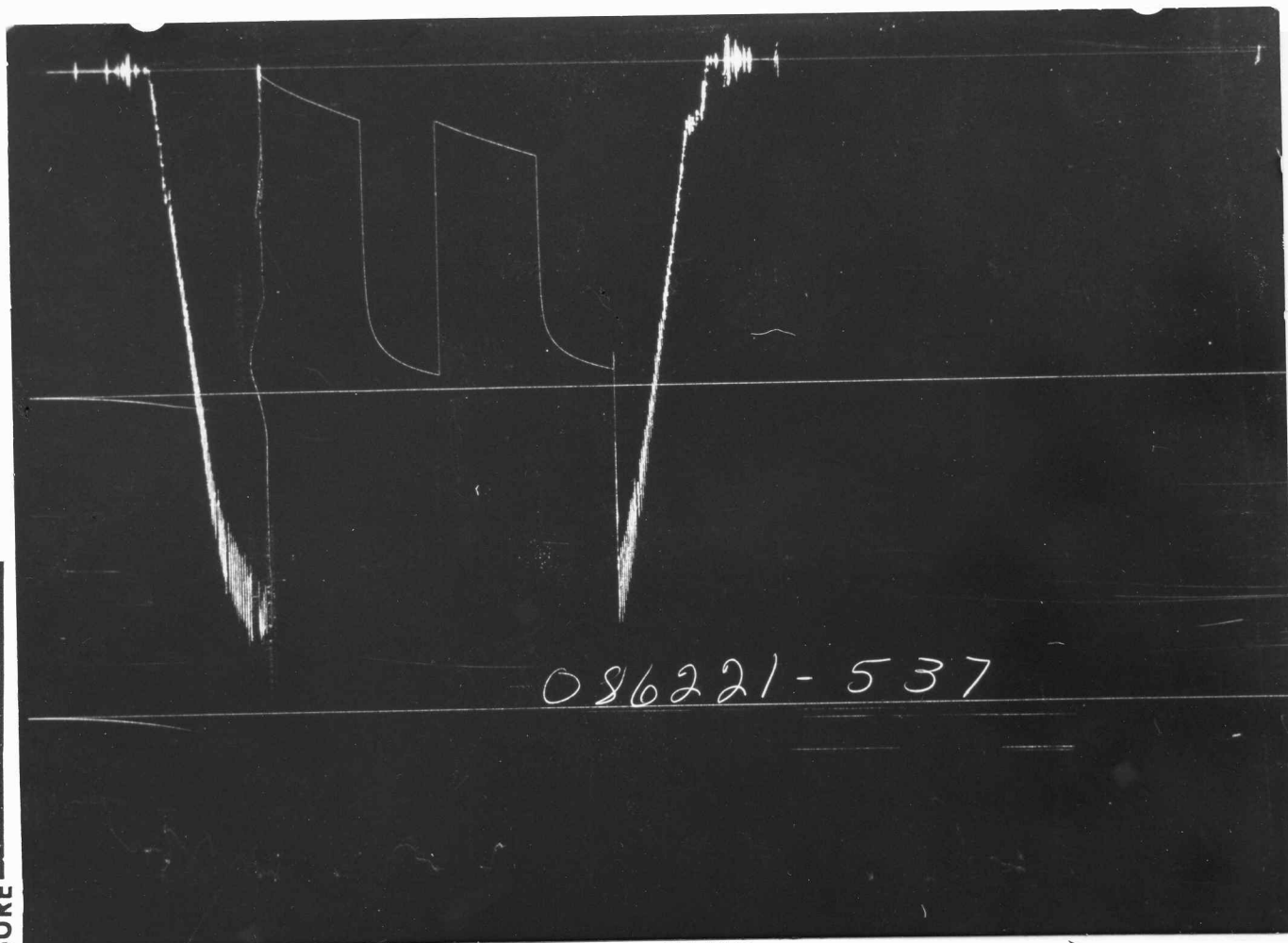
Gauge No.		537		Depth		3164'		Clock No.		4204		12 hour		Ticket No.		086221	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period		Third Closed In Pressure		Third Flow Period		Third Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"
0	.000	16	.000	166	.000	.174	286	.000	.000	286							
1	.067	52	.0331	815*	.0734	195**	822	.0265	.0265	822							
2	.134	80	.0596	858	.1401	217	862	.0531	.0531	862							
3	.201	104	.0861	883	.2068	235	883	.0796	.0796	883							
4	.268	125	.1126	901	.2736	252	898	.1062	.1062	898							
5	.335	146	.1391	916	.3403	270	910	.1327	.1327	910							
6	.402	166	.1656	926	.4070	286	919	.1592	.1592	919							
7			.1921	934			928	.1858	.1858	928							
8			.2185	941			934	.2123	.2123	934							
9			.2450	942			941	.2389	.2389	941							
10			.2715	953			945	.2654	.2654	945							
11			.2980	958			949	.2920	.2920	949							
12																	
13																	
14																	
15																	

Gauge No.		291'		Depth		3183'		Clock No.		3121		hour		12	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$
0	.000	24	.000	176	.000	.188	295	.000	.000	295					
1	.067	62	.0330	821*	.0730	206**	828	.0266	.0266	828					
2	.134	91	.0594	868	.1394	227	868	.0531	.0531	868					
3	.201	115	.0858	893	.2058	244	892	.0797	.0797	892					
4	.268	136	.1122	911	.2722	263	908	.1062	.1062	908					
5	.335	157	.1386	923	.3386	279	919	.1328	.1328	919					
6	.402	176	.1650	933	.4050	295	929	.1593	.1593	929					
7			.1914	944			937	.1859	.1859	937					
8			.2178	951			944	.2125	.2125	944					
9			.2442	958			950	.2390	.2390	950					
10			.2706	962			954	.2655	.2655	954					
11			.2970	966			959	.2920	.2920	959					
12															
13															
14															
15															

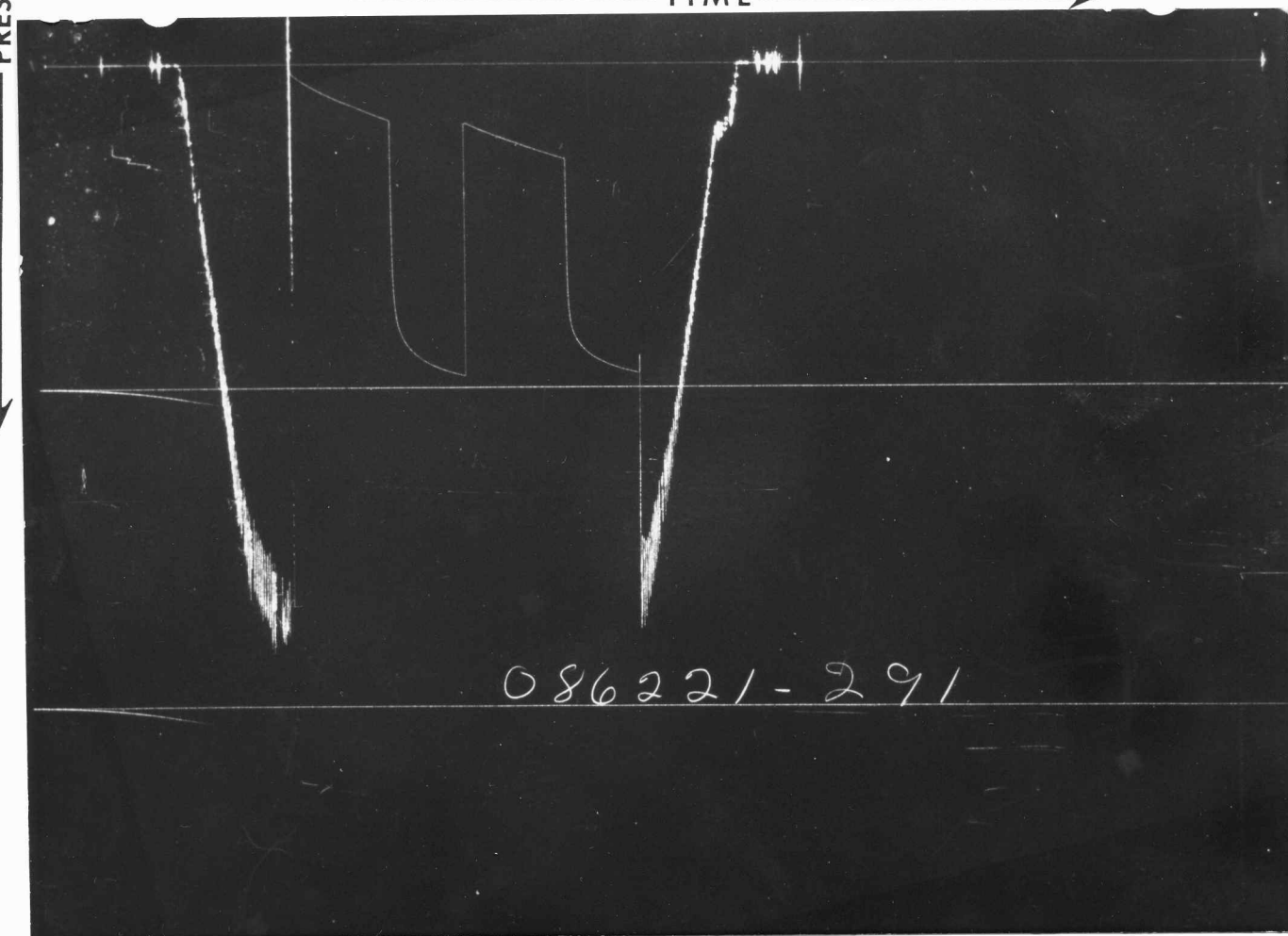
Reading Interval	10	4	10	4
REMARKS:	* - 5 minutes ** 11 minutes.			

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5 3/4"	2"	1'	
Reversing Sub				
Water Cushion Valve	4 1/2"	3.826"	3120'	
Drill Pipe	5 3/4"	2 1/4"	29'	
Drill Collars	4 1/2"	3.826"	4'	
Handling Sub & Choke Assembly	5"	3/4"	4'	3156'
Dual CIP Valve				
Dual CIP Sampler	5"	3/4"	4'	3160'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2 1/4"	4'	3164'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2 1/4"	4'	3173'
Distributor				
Packer Assembly	6 3/4"	2 1/4"	4'	3178'
Flush Joint Anchor	5"	2 1/4"	5'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2 1/4"	4'	3183'
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				3187'

↑ PRESSURE ↓



TIME →



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

FLUID SAMPLE DATA				Date 4-8-76		Ticket Number 086329	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____				Kind of Job OPEN HOLE		Halliburton District ELDORADO	
				Tester MR. SEGLAM		Witness MR. ELSTER	
Gravity _____ ° API @ _____ °F.				Drilling Contractor TRIANGLE DRILLING COMPANY B J S			
Gas/Oil Ratio _____ cu. ft./bbl.				EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____				Formation Tested Mississippi			
				Elevation 1312' KB Ft.			
				Net Productive Interval 3632' to 3677' Ft.			
Recovery Water _____ @ _____ °F. _____ ppm				All Depths Measured From Kelly Bushing			
Recovery Mud _____ @ _____ °F. _____ ppm				Total Depth 3677' Ft.			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Main Hole/Casing Size 7 7/8"			
Mud Pit Sample _____ @ _____ °F. _____ ppm				Drill Collar Length 360' I.D. 2.25"			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Drill Pipe Length 3239' I.D. 3.826"			
Mud Weight 9.8 vis 48 cp				Packer Depth(s) 3626' 3632' Ft.			
				Depth Tester Valve 3609' Ft.			
Cushion		TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke	
				Ft.	3/8"	.75"	
Recovered	282'	Feet of	gas cut mud.				
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks Charts indicate partial plugging of anchor perforations during initial flow period. Had gas to surface in 16 minutes. Gauged 27-MCF gas rate until the last 15 minutes of total opening. Fell to 23.0							
TEMPERATURE		Gauge No. 6705		Gauge No. 6704		Gauge No.	
Depth: 3614' Ft.		Depth: 3673' Ft.		Depth: _____ Ft.		TIME	
Est. 98 °F.		12 Hour Clock		12 Hour Clock		Hour Clock	
Blanked Off NO		Blanked Off YES		Blanked Off		Tool 500 A.M.	
Actual _____ °F.		Pressures		Pressures		Opened 500 P.M.	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic		1874	1869	1904		Reported	Computed
Flow Initial		46	44	103		Minutes	Minutes
Flow Final		93	78	301		61	63
Closed in		1132	1122	1144		45	43
Flow Initial		83	75	101			
Flow Final		104	99	128		60	61
Closed in		1072	1065	1085		45	45
Final Hydrostatic		1853	1842	1873			

 Legal Location
 Sec. - Twp. - Rng.

32 29 2W

 Field Area
 Mea. From Tester Valve

County

SEDGWICK

State

KANSAS

 Lease Name
TIADEN

 Well No.
1

 Test No.
4

 Tested Interval
3632' to 3677'

AMCO

Lease Owner/Company Name

.75"

086329

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. _____
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

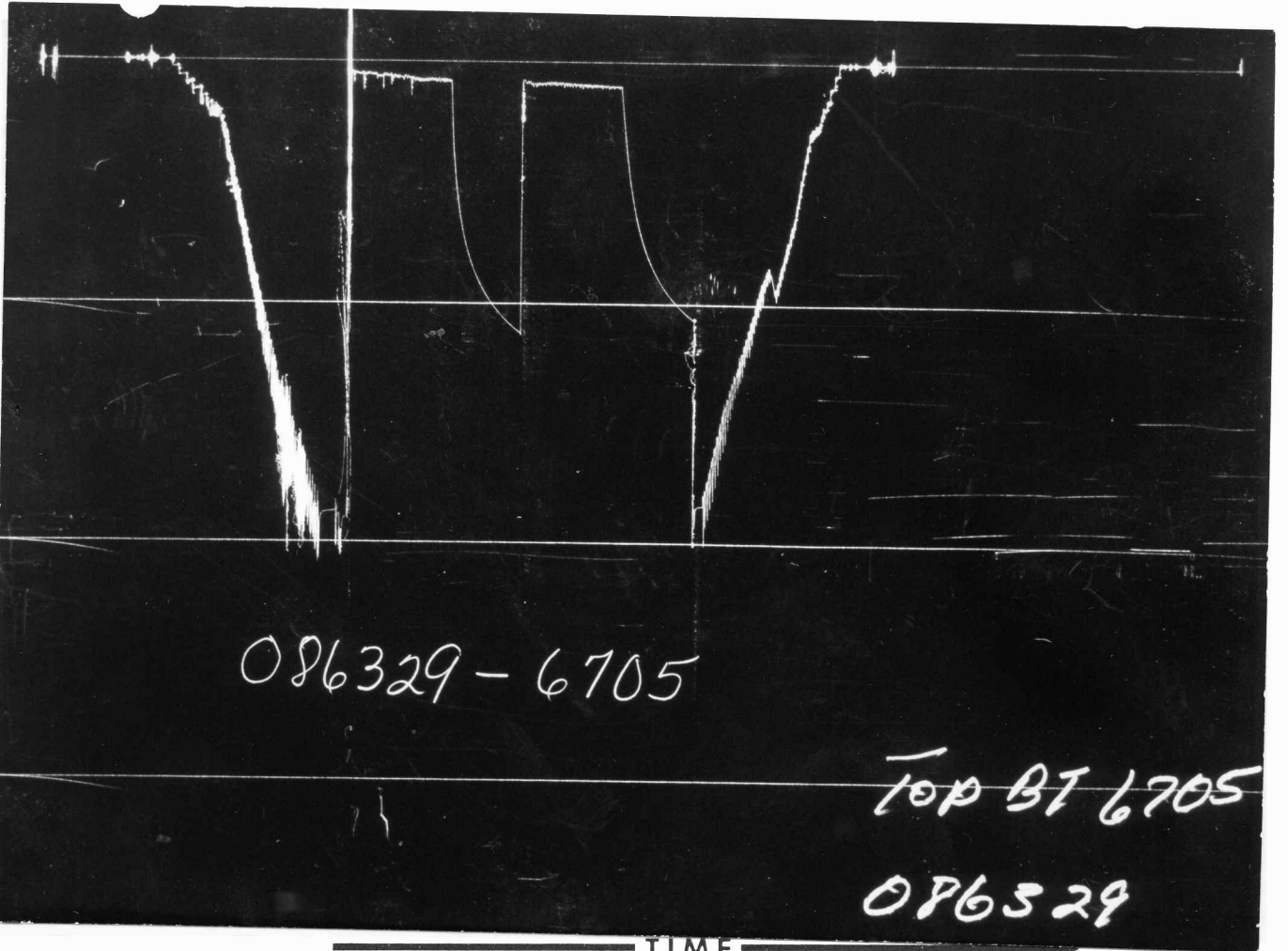
Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
3-8-76						
100						On location. Rig is coming out of hole
						for DST # 4.
235						Made up tool.
305						Finished making up tool and started
						in hole.
457						On bottom. No trouble.
500						Opened tool.
502						Strong blow.
516						Gas to surface (16 minutes)
530		3/8"	2 Lbs.	27		
545		"	"	27		
600		"	"	27		
601						Closed tool.
645						Opened tool.
715		"	"	27		
730		"	1.5 lbs.	23.3		
745			1.5 lbs.	23.3		
746						Closed tool.
831						Picked up off bottom.
1100						Out of hole. Tool loaded.

Gauge No. 6705		Depth 3614'		Clock No. 7104		12 hour		Ticket No. 086329	
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"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.
0 .0000	44	.0000		.0000	75	.0000			
1 .4160	78	.0198		.0727	86**	.0331			
2		.0462		.1387	87	.0596			
3 PLUGGING.....		.0726		.2048	90	.0861			
4		.0990		.2709	93	.1126			
5		.1255		.3369	99	.1390			
6		.1519		.4030	99	.1655			
7		.1783				.1920			
8		.2047				.2185			
9		.2311				.2450			
10		.2575				.2714			
11		.2840				.2980			
12									
13									
14									
15									

Gauge No. 6704		Depth 3673'		Clock No. 7047		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0 .0000	103	.0000		.0000	101	.0000	128
1 .4190	301	.0200		.0736	110**	.0336	482***
2		.0467		.1405	113	.0604	642
3		.0734		.2073	118	.0872	753
4		.1001		.2742	122	.1141	833
5		.1268		.3411	126	.1409	891
6		.1535		.4080	128	.1678	939
7		.1802				.1946	979
8		.2069				.2214	1011
9		.2335				.2483	1041
10		.2602				.2751	1065
11		.2870				.3020	1085
12							
13							
14							
15							

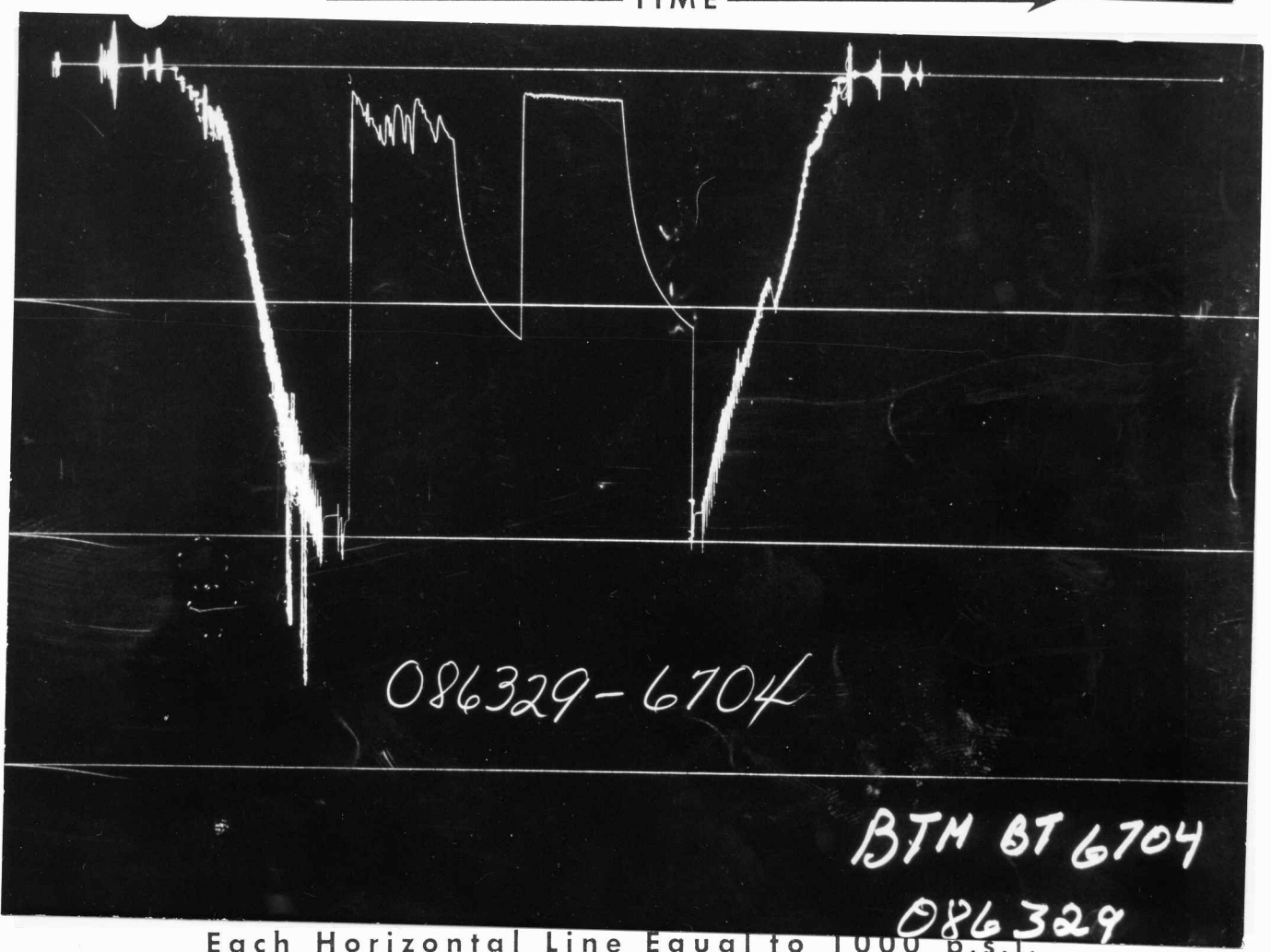
Reading Interval		4		10		4	
REMARKS:		* INTERVAL = 3 MINUTES ** INTERVAL = 11 MINUTES *** INTERVAL = 5 MINUTES				Minutes	

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing CHANGE OVER	5"	2.25"	1'	
Reversing Sub CHANGE OVER	5"	2.25"	1'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	3239'	
Drill Collars	5.50"	2.25"	360'	
Handling Sub & Choke Assembly	5"	2.25"	4'	
Dual CIP Valve	5"	.87"	5'	3604'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	3609'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	3614'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6.75"	1.68"	6'	3626'
Distributor				
Packer Assembly	6.75"	1.68"	6'	3632'
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
CHANGE OVER	5"	2.25"	1'	
Drill Collars xxxxx PIPE	4.50"	3.826"	31'	
Anchor Pipe Safety Joint CHANGE OVER	5"	2.25"	1'	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.37"	7'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	3673'
Total Depth				3677'



PRESSURE

TIME



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

KANSAS

FLUID SAMPLE DATA						Date	4-10-76	Ticket Number	060296
Sampler Pressure _____ P.S.I.G. at Surface						Kind of Job	OPEN HOLE	Halliburton District	EL DORADO
Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____						Tester	MR. BUTCHER	Witness	MR. ELSTER
Gravity _____ ° API @ _____ ° F.						Drilling Contractor	TRIANGLE DRILLING COMPANY RIG #2		
Gas/Oil Ratio _____ cu. ft./bbl.						EQUIPMENT & HOLE DATA BC S			
RESISTIVITY _____ CHLORIDE CONTENT _____						Formation Tested	Simpson		
						Elevation	1312' KB		
						Net Productive Interval	9' Ft.		
Recovery Water _____ @ _____ ° F. _____ ppm'						All Depths Measured From	Kelly Bushing		
Recovery Mud _____ @ _____ ° F. _____ ppm						Total Depth	4064' Ft.		
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm						Main Hole/Casing Size	7 7/8"		
Mud Pit Sample _____ @ _____ ° F. _____ ppm						Drill Collar Length	247'	I.D.	2.75"
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm						Drill Pipe Length	3772'	I.D.	3.826"
Mud Weight 9.5 vis 42 cp						Packer Depth(s)	4049' - 4055' Ft.		
						Depth Tester Valve	4035' Ft.		
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke		Bottom Choke	
Cushion		Ft.					1/4"		3/4"
Recovered	45	Feet of	Muddy water						
Recovered		Feet of							
Recovered		Feet of							
Recovered		Feet of							
Recovered		Feet of							
Remarks		SEE PRODUCTION TEST DATA SHEET.							
TEMPERATURE		Gauge No. 6705 Depth: 4037' Ft.	Gauge No. 6704 Depth: 4060' Ft.	Gauge No. Depth:	TIME				
Est. 110 °F.		Blanked Off NO	Blanked Off Yes	Hour Clock	Tool A.M. Opened 11:33 P.M. Bypass 2:05 P.M.				
Actual °F.		Pressures		Pressures		Pressures		Reported Computed Minutes Minutes	
		Field	Office	Field	Office	Field	Office		
Initial Hydrostatic			2071	2174	2085				
First Period	Flow Initial		9	21	21				
	Final		22	42	33			62	62
	Closed in		1449	1470	1460			60	59
Second Period	Flow Initial		26	42	37				
	Final		29	42	39			30	31
	Closed in		1451	1459	1461			65	65
Third Period	Flow Initial								
	Final								
	Closed in								
Final Hydrostatic			2064	2132	2076				

3/4" 060296

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. _____

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1015						Truck called
1200						On location, drilling formation
1230						Waiting
0120						Trip out with DST #5, VERY TIGHT HOLE
0300						Circulated after short trip
0430						Trip out with DST #5
0730						Made up tools
0740						Picked up tools
0800						Went in hole
0930						Pulled joints to put in H-90 joint
1130						On bottom with no trouble
1133						Opened tool with a very weak blow
1140						Very weak, steady blow
1150						"
1200						"
4-11-76 1210						Blow getting weaker
1220						"
1230						"
1235						Closed tool
0135						Opened tool with no blow
0145						No blow
0200						"
0205						Closed tool
0310						Off bottom

Gauge No. 6705				Depth 4037'				Clock No. 7101				12 hour		Ticket No. 060296					
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.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	Time Defl. ".000"	PSIG Temp. Corr.			
0	.0000	9		.0000	22		26	.0000			29	.0000							
1	.0807	10*		.0267	53**		29	.2080			59	.0340							
2	.1480	12		.0601	507						172	.0680							
3	.2152	16		.0935	1258						995	.1020							
4	.2825	18		.1269	1351						1314	.1360							
5	.3497	20		.1603	1386						1372	.1700							
6	.4170	22		.1937	1406						1399	.2040							
7				.2270	1421						1416	.2380							
8				.2604	1431						1426	.2720							
9				.2938	1436						1434	.3060							
10				.3272	1444						1440	.3400							
11				.3606	1448						1445	.3740							
12				.3940	1449						1448	.4080							
13											1451	.4420							
14																			
15																			

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

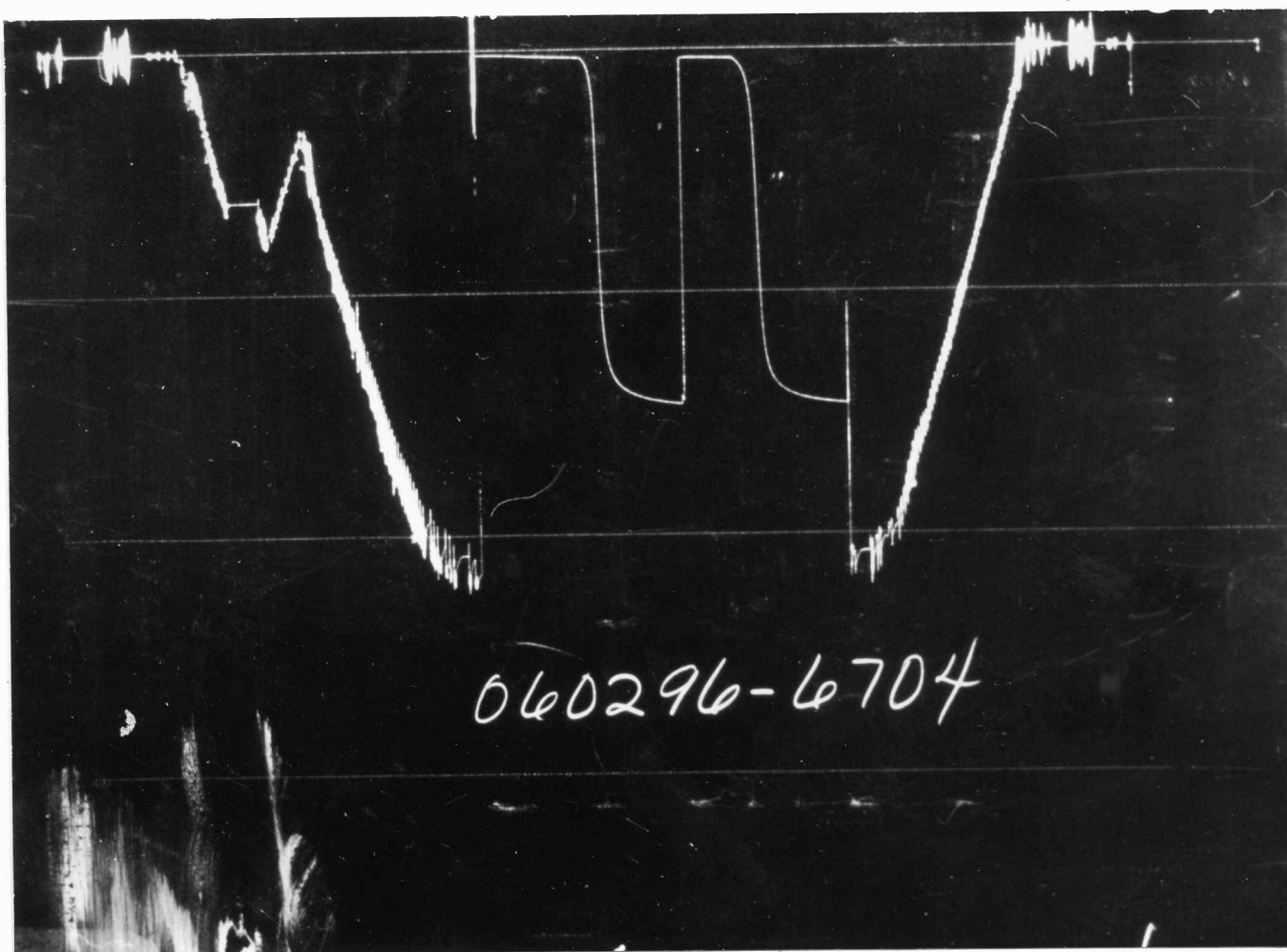
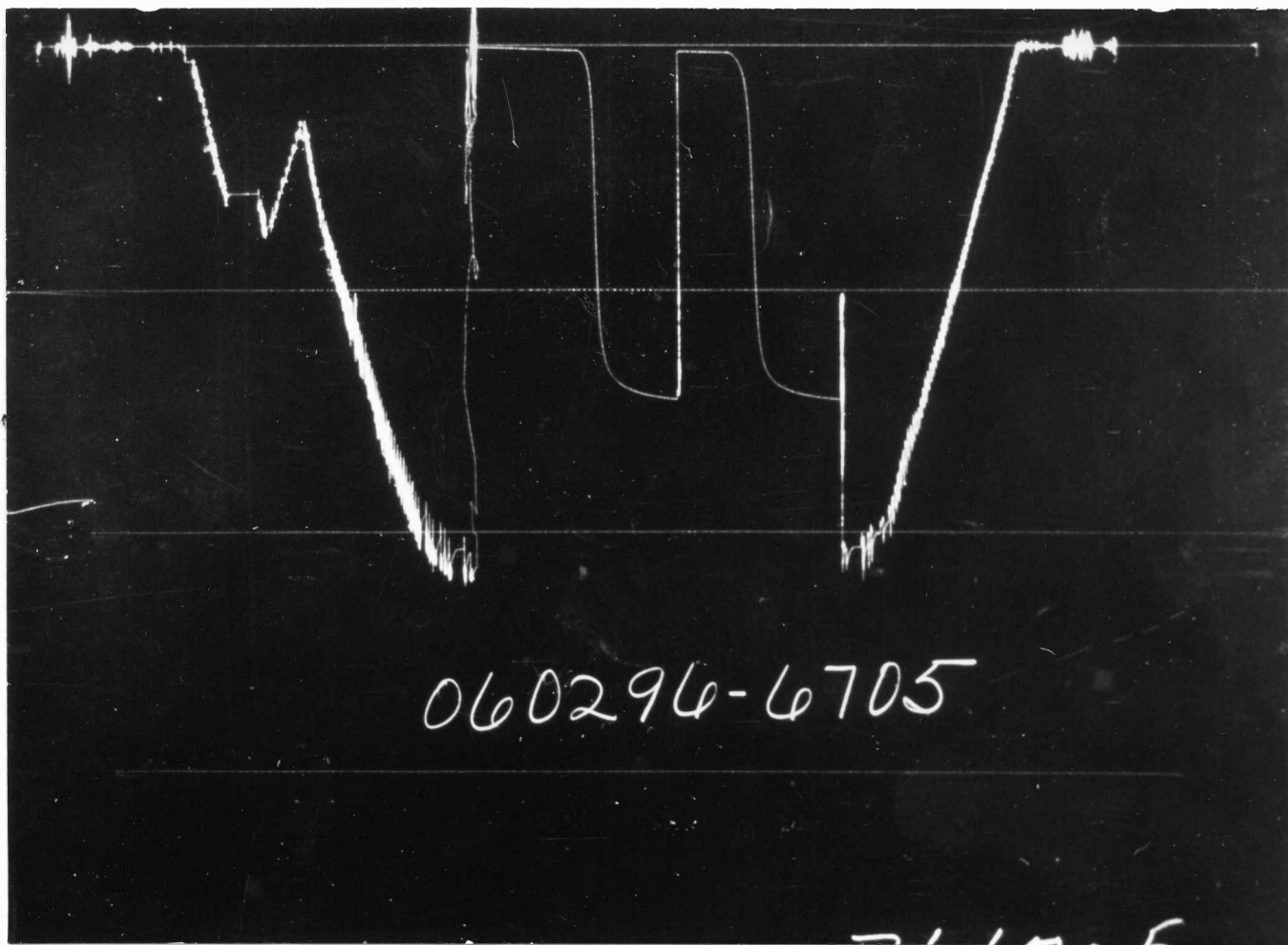
Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.
0	.0000	21		.0000	33		37	.0000			39		
1	.0815	21*		.0271	72**		39	.0342			71		
2	.1494	23		.0610	674			.0685			188		
3	.2173	27		.0949	1275			.1027			1024		
4	.2852	29		.1288	1366			.1369			1322		
5	.3531	31		.1627	1399			.1712			1383		
6	.4210	33		.1966	1419			.2054			1410		
7				.2305	1432			.2396			1426		
8				.2644	1443			.2738			1436		
9				.2983	1449			.3081			1445		
10				.3322	1454			.3423			1450		
11				.3661	1458			.3765			1455		
12				.4000	1460			.4108			1459		
13								.4450			1461		
14													
15													

Gauge No. 6704				Depth 4060'				Clock No. 7047				12 hour	
Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.				

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5 3/4"	2.75"	1'	
Change overs	5 3/4"	2.75"	1 1/2'	
Water Cushion Valve				
Drill Pipe	4 1/2" XH	3.826"	3772'	
Drill Collars	5 3/4"	2.75"	247'	
Handling Sub & Choke Assembly	4 1/2"	3.50"	4 1/2'	
Dual CIP Valve	5"	.87"	5'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	4035'
Double Pin	5 3/4"	2.75"	1'	
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.75"	4'	4037'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.50"	6'	4049'
Distributor				
Packer Assembly	6 3/4"	1.50"	6'	4055'
Flush Joint Anchor	5"	3.84"	4'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2.75"	4'	4060'
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				4064'



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

FLUID SAMPLE DATA				Date 4-11-76		Ticket Number 086495	
Sampler Pressure _____ P.S.I.G. at Surface				Kind of Job OPEN HOLE		Halliburton District EL DORADO	
Recovery: Cu. Ft. Gas _____				Tester MR. CANNON		Witness -	
cc. Oil _____				Drilling Contractor TRIANGLE DRILLING COMPANY RIG #2			
cc. Water _____				EQUIPMENT & HOLE DATA BC S			
cc. Mud _____				Formation Tested Simpson			
Tot. Liquid cc. _____				Elevation _____ Ft.			
Gravity _____ ° API @ _____ °F.				Net Productive Interval 75' Ft.			
Gas/Oil Ratio _____ cu. ft./bbl.				All Depths Measured From Kelly Bushing			
RESISTIVITY _____ CHLORIDE CONTENT _____				Total Depth 4067' Ft.			
Recovery Water _____ @ _____ °F. _____ ppm.				Main Hole/Casing Size 7 7/8" Hole			
Recovery Mud _____ @ _____ °F. _____ ppm.				Drill Collar Length 329' I.D. 2.25"			
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm.				Drill Pipe Length 3658' I.D. 3.826"			
Mud Pit Sample _____ @ _____ °F. _____ ppm.				Packer Depth(s) 3986' - 3992' Ft.			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm.				Depth Tester Valve 3970' Ft.			
Mud Weight 9.4 vis 41 cp							
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke 1/4" Bottom Choke 3/4"	
Cushion							
Recovered 133		Feet of Mud					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET.							
TEMPERATURE		Gauge No. 5595		Gauge No. 5594		Gauge No.	
Depth: 3975' Ft.		Depth: 4063' Ft.		Depth: _____ Ft.		TIME	
Est. 120 °F.		12 Hour Clock		12 Hour Clock		Hour Clock	
Blanked Off NO		Blanked Off YES		Blanked Off		Tool _____ A.M.	
Actual _____ °F.		Pressures		Pressures		Opened 0105 P.M.	
		Field Office		Field Office		Opened _____ A.M.	
		Field Office		Field Office		Bypass 0505 P.M.	
		Field Office		Field Office		Reported _____ Computed _____	
		Field Office		Field Office		Minutes Minutes	
Initial Hydrostatic		2052		2094 2093			
Flow Initial		11		61 60			
Flow Final		42		91 89			
Closed in		1414		1455 1456		63 64	
						57 55	
Second Period Flow Initial		49		91 97			
Flow Final		74		121 120			
Closed in		1415		1455 1457		60 62	
						60 59	
Third Period Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		2052		2084 2093			

Legal Location

32 - 29 - 2W

Lease Name

TJADEN

Well No.

Test No.

3922' - 406'

Tested Interval

Field Area

CLEARWATER

County

SEDGWICK

State KANSAS

AMERICAN MARINE CONTINENTAL OIL CORPORATION

Lease Owner/Company Name

Casing perms. _____ Bottom choke 3/4" Surf. temp. _____ °F Ticket No. 086495
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED 2" Merla Orifice Well Tester

[illegible]

Gauge No.		5595		Depth		3975'		Clock No.		13663		12 hour		Ticket No.		086495	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period		Third Closed In Pressure		Third Flow Period		Third Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"
0	.0000	11		42	.0000	49	74	.0000		74							
1	.0672	16*		489	.0788	52**	204***	.0273									
2	.1277	23		1109	.1444	57	961	.0615									
3	.1881	27		1255	.2101	61	1208	.0956									
4	.2486	30		1314	.2757	65	1296	.1298									
5	.3091	33		1350	.3414	69	1339	.1639									
6	.3695	37		1370	.4070	74	1364	.1981									
7	.4300	42		1386			1380	.2322									
8				1397			1391	.2664									
9				1405			1399	.3005									
10				1410			1406	.3347									
11				1414			1410	.3688									
12							1415	.4030									
13																	
14																	
15																	

Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
7	.4230	89		1429			1422	.2247					
8				1439			1433	.2578					
9				1446			1441	.2908					
10				1452			1447	.3239					
11				1456			1451	.3570					
12							1457	.3900					
13													
14													
15													

Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
7	.4230	89		1429			1422	.2247					
8				1439			1433	.2578					
9				1446			1441	.2908					
10				1452			1447	.3239					
11				1456			1451	.3570					
12							1457	.3900					
13													
14													
15													

Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
7	.4230	89		1429			1422	.2247					
8				1439			1433	.2578					
9				1446			1441	.2908					
10				1452			1447	.3239					
11				1456			1451	.3570					
12							1457	.3900					
13													
14													
15													

Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
7	.4230	89		1429			1422	.2247					
8				1439			1433	.2578					
9				1446			1441	.2908					
10				1452			1447	.3239					
11				1456			1451	.3570					
12							1457	.3900					
13													
14													
15													

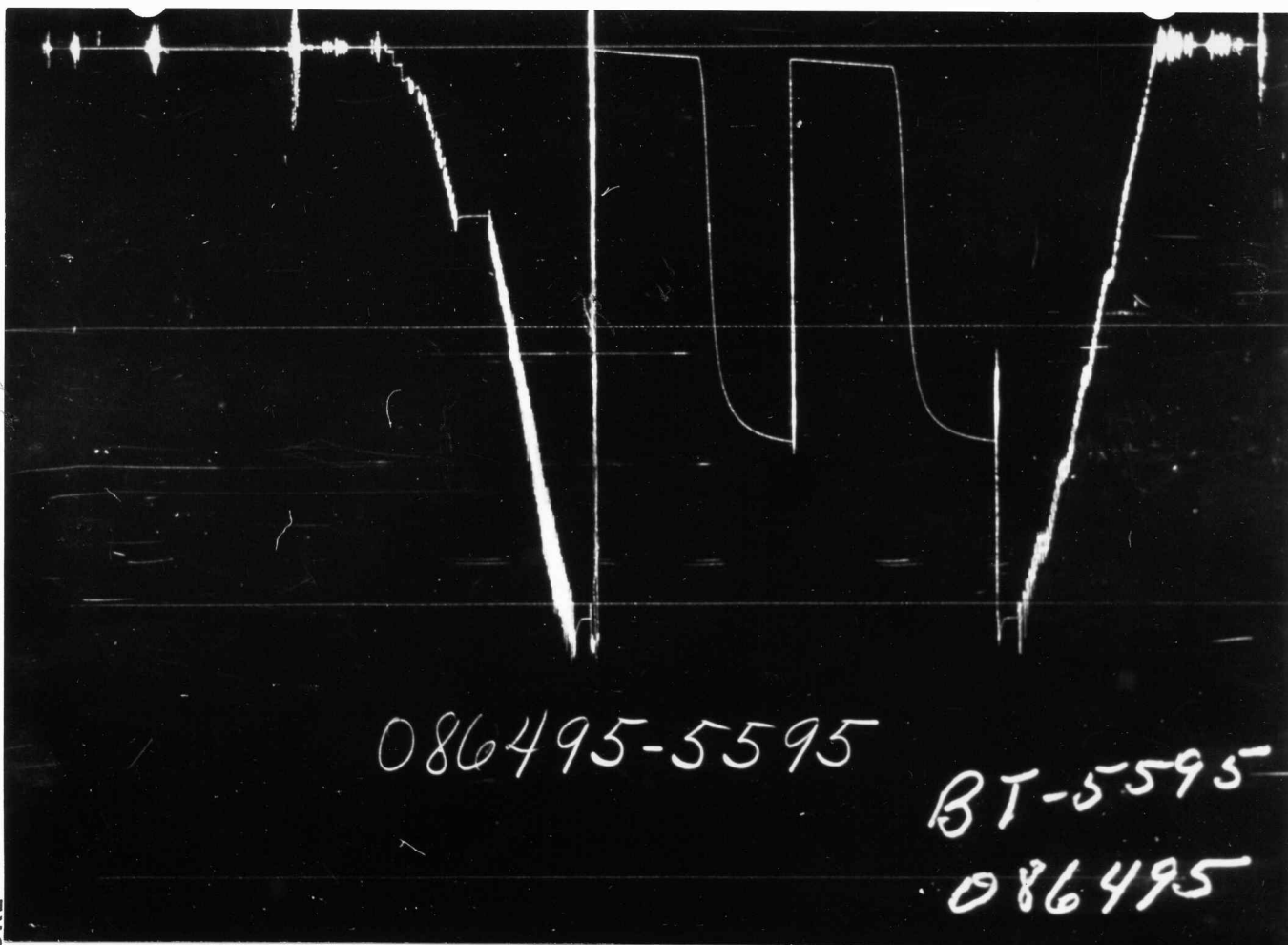
Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
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10				1452			1447	.3239					
11				1456			1451	.3570					
12							1457	.3900					
13													
14													
15													

Gauge No.		5594		Depth		4063'		Clock No.		3459		12 hour	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	60		89	.0000	97	120	.0000		120			
1	.0661	66*		668	.0784	99**	316***	.0264					
2	.1256	70		1162	.1437	103	1020	.0595					
3	.1851	74		1298	.2090	108	1256	.0925					
4	.2445	78		1357	.2744	111	1339	.1256					
5	.3040	81		1394	.3397	115	1381	.1586					
6	.3635	84		1415	.4050	120	1406	.1917					
7	.4230	89		1429			1422	.2247					
8				1439			1433	.2578					
9				1446			1441	.2908					
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11				1456			1451	.3570					
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13													
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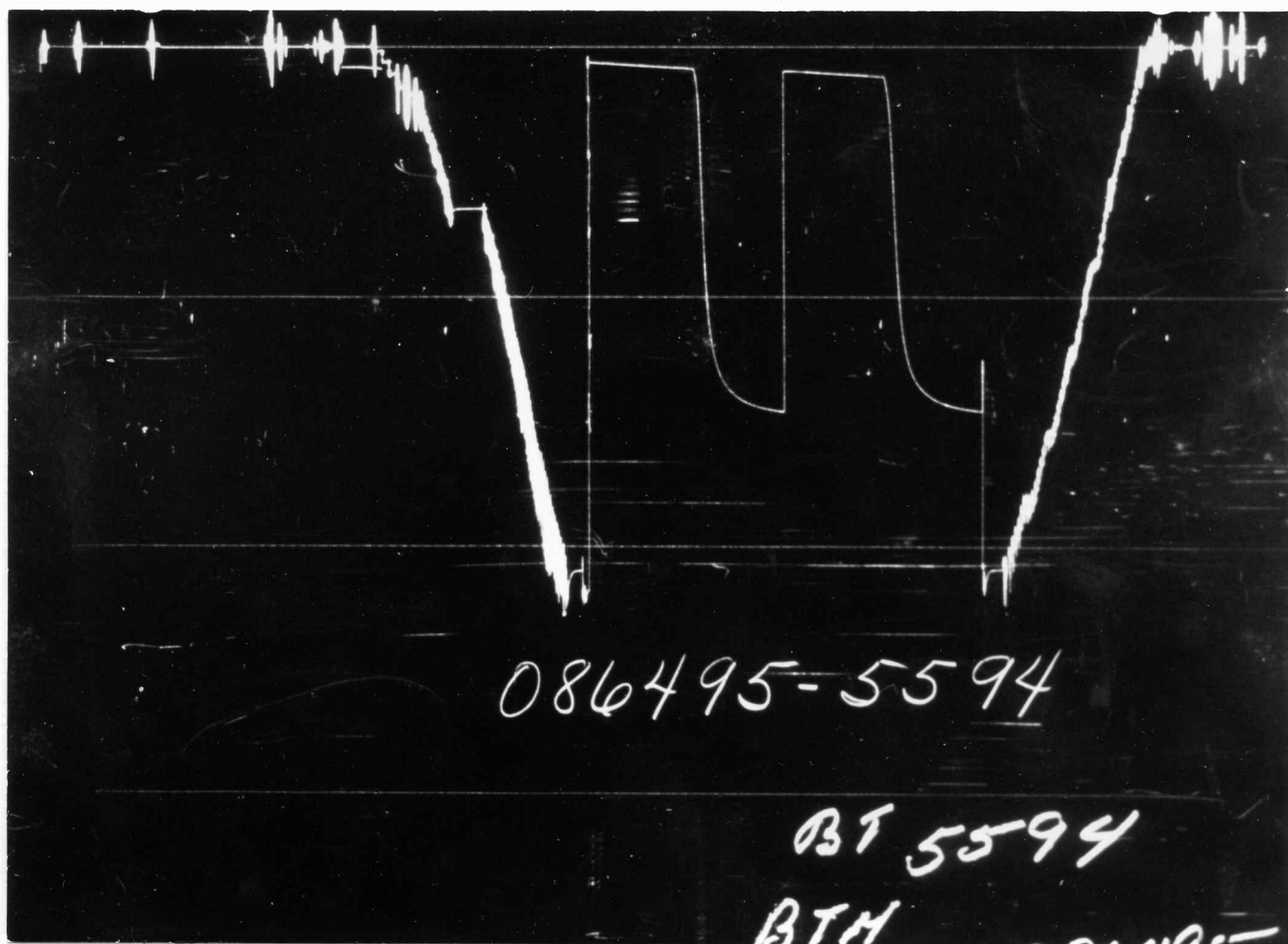
Gauge No.		5594	
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	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4½"	3.826"	3658'	
Drill Collars	6¼"	2.25"	329'	
Handling Sub & Choke Assembly	5"	2.25"	3'	
Dual CIP Valve	5"	.87"	5'	3965'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	3970'
Multiple CIP Sampler	5"	2.25"	1'	
Double Pin Circ. Sub.	5"	3"	1'	
Extension Joint				
AP Running Case	5"	2.25"	4'	3975'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	NR 6 3/4"	1.53"	6'	3986'
Distributor				
Packer Assembly	NR 6 3/4"	1.53"	6'	3992'
Flush Joint Anchor	5"	2.37"	1'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
4½" FH - 3½" FH	5"	2.25"	1'	
4" H-90 - 4½" FH	5"	2.25"	1'	
Packer Assembly				
Drill Collars	6¼"	2.25"	57'	
Distributor				
4½" FH - 4" H-90	5"	2.25"	1'	
Packer Assembly				
3½" FH - 4½" FH	5"	2.25"	1'	
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.37"	8'	
Blanked-Off B.T. Running Case	5"	2.75"	4'	4063'
Total Depth				4067'

PRESSURE



TIME



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