

<b>FLUID SAMPLE DATA</b>		Date	1-20-75	Ticket Number	876908
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Recovery: Cu. Ft. Gas _____	Tester	WILLINGER	Witness	ELSTER	
cc. Oil _____	Drilling Contractor	RED TIGER DRILLING COMPANY		NM	
cc. Water _____	<b>EQUIPMENT &amp; HOLE DATA</b>				
cc. Mud _____	Formation Tested	Tarkio			
Tot. Liquid cc. _____	Elevation	1608' K.B.		Ft.	
Gravity _____ ° API @ _____ ° F.	Net Productive Interval	-			
Gas/Oil Ratio _____ cu. ft./bbl.	All Depths Measured From	Kelly Bushing			
RESISTIVITY _____	Total Depth	1885'			
CHLORIDE CONTENT _____	Main Hole/Casing Size	7 7/8"			
Recovery Water _____ @ _____ ° F. _____ ppm	Drill Pipe Length	910'	I.D.	2.764" WP	
Recovery Mud _____ @ _____ ° F. _____ ppm	Packer Depth(s)	1795' - 1800'		Ft.	
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm	Depth Tester Valve	1788'			
Mud Pit Sample _____ @ _____ ° F. _____ ppm					
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm					
Mud Weight _____ vis _____ cp					

Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
	NONE		NONE	1"	3/4"
Recovered	15'	Feet of	drilling mud		
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Remarks	Tool opened for a 35 minute first flow with a weak blow.				
	Closed tool for a 30 minute first closed in pressure. Tool reopened for a 30				
	minute second flow with a weak blow. Took a 30 minute second closed in pressure				
	No apparent gas..				

TEMPERATURE	Gauge No. 536		Gauge No. 392		Gauge No.		TIME	
	Depth: 1788' Ft.		Depth: 1881' Ft.		Depth: _____ Ft.			
Est. 88 °F.	12 Hour Clock		12 Hour Clock		Hour Clock		Tool A.M.	
	Blanked Off NO		Blanked Off YES		Blanked Off		Opened 08:30 P.M.	
Actual °F.	Pressures		Pressures		Pressures		Opened A.M.	
	Field	Office	Field	Office	Field	Office	Bypass 10:35 P.M.	
Initial Hydrostatic	-	1010	1032	1062			Reported	Computed
							Minutes	Minutes
First Period Flow Initial	-	10	46	70				
First Period Flow Final	-	12	62	63			35	
First Period Closed in	-	151	203	201			30	
Second Period Flow Initial	-	12	62	67				
Second Period Flow Final	-	13	62	64			30	
Second Period Closed in	-	212	265	260			30	
Third Period Flow Initial								
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic	-	992	1032	1042				

Legal Location Sec. - Twp. - Rng. 30 - 15 - 8

Lease Name ALDEN

Well No. 1

Test No. 1

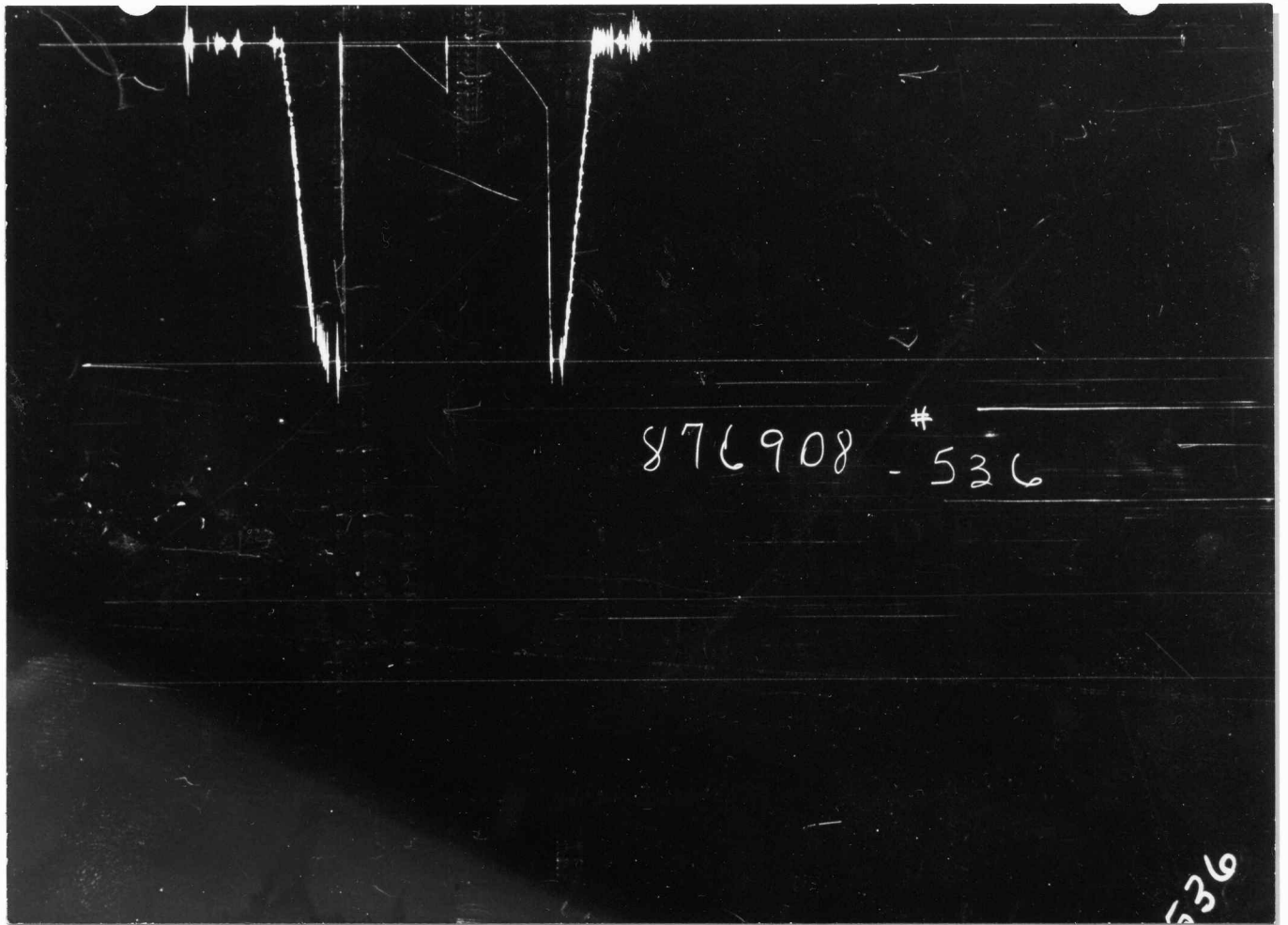
Tested Interval 1800' - 1885'

Country ELLSWORTH

State KANSAS

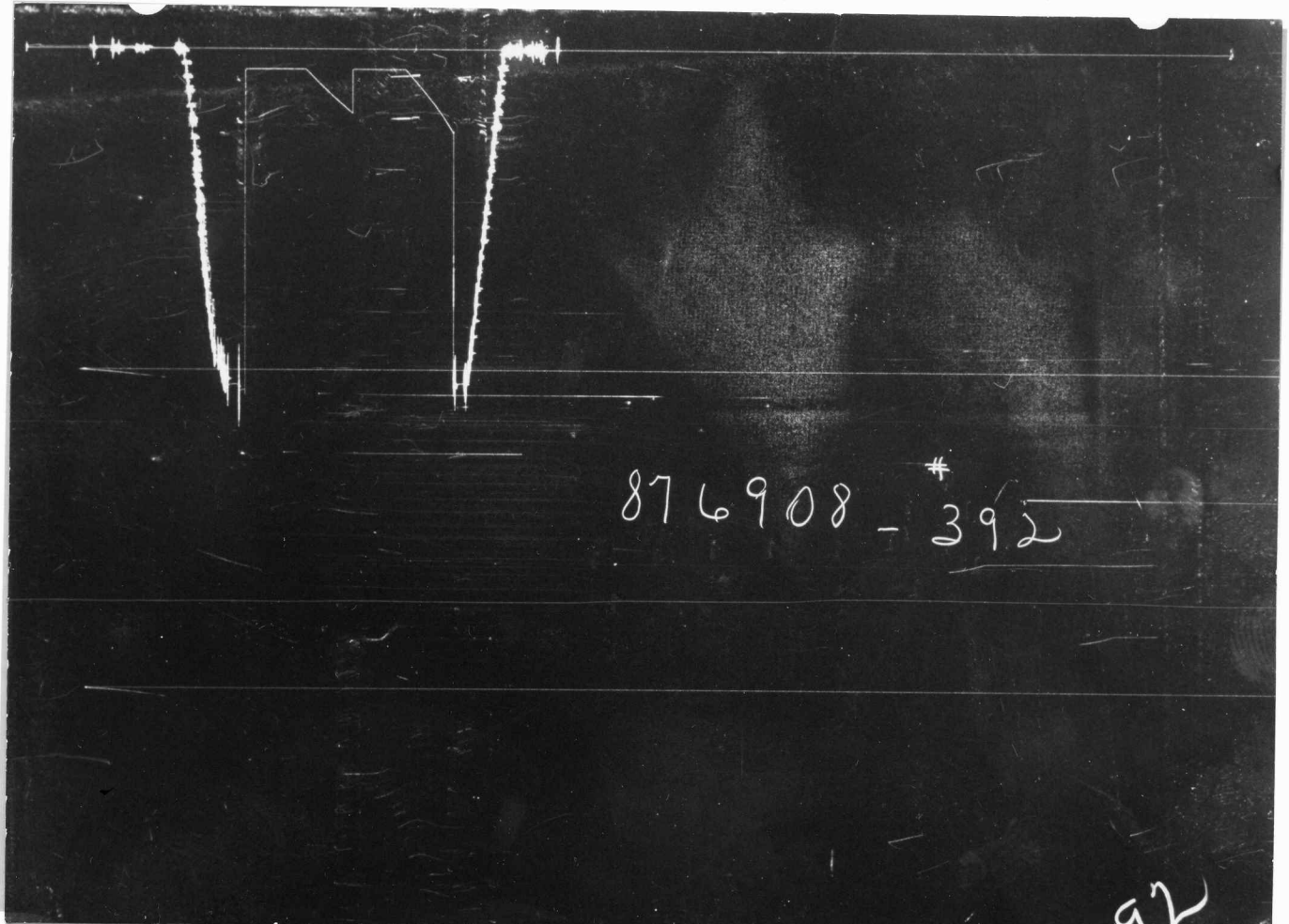
Lease Owner/Company Name EUFAULA ENTERPRISES, INCORPORATED

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing .....				
Reversing Sub .....	5.75"	2.75"	12"	
Water Cushion Valve .....				
Drill Pipe .....	4.5"	3.826"	948'	
Drill Collars .....	3 1/2"	2.764"	910'	WEIGHT PIPE
Handling Sub & Choke Assembly .....	5"	.87"	48.92"	
Dual CIP Valve .....				
Dual CIP Sampler .....				
Hydro-Spring Tester .....	5"	.75"	60.21"	1787'
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5"	3.06"	49.63"	1788'
Hydraulic Jar .....				
VR Safety Joint .....				
Pressure Equalizing Crossover .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	1795'
Distributor .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	1800'
Flush Joint Anchor .....	5"	2.37"	85'	
Pressure Equalizing Tube .....				
Blanked-Off B.T. Running Case .....	5"	3.06"	49.63"	1881'
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 .....				



↑  
PRESSURE  
↓

————— TIME —————→



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

<b>FLUID SAMPLE DATA</b>		Date	1-22-75	Ticket Number	876909
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Recovery: Cu. Ft. Gas _____	Tester	WILLINGER	Witness	ELSTER	
cc. Oil _____	Drilling Contractor	RED TIGER DRILLING COMPANY		PW	NM S
cc. Water _____	<b>EQUIPMENT &amp; HOLE DATA</b>				
cc. Mud _____	Formation Tested	-			
Tot. Liquid cc. _____	Elevation	1608'	K.B.	Ft.	
Gravity _____ ° API @ _____ ° F.	Net Productive Interval	8'	Ft.		
Gas/Oil Ratio _____ cu. ft./bbl.	All Depths Measured From	Kelly Bushing			
RESISTIVITY _____	Total Depth	2622'	Ft.		
CHLORIDE CONTENT _____	Main Hole/Casing Size	7 7/8"			
Recovery Water _____ @ _____ ° F. _____ ppm	Drill Pipe Length	WP 910'	I.D.	2.764" WP	
Recovery Mud _____ @ _____ ° F. _____ ppm	Drill Pipe Length	1662'	I.D.	3.826"	
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm	Packer Depth(s)	2579' - 2584'		Ft.	
Mud Pit Sample _____ @ _____ ° F. _____ ppm	Depth Tester Valve	2571' Ft.			
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm					
Mud Weight _____ vis _____ cp					

Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
	NONE		NONE	1"	3/4"

Recovered	129,000 Cu. Ft.	Feet of	stabilized gas flow...
Recovered	75'	Feet of	thin drilling mud
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	
Remarks	SEE PRODUCTION TEST DATA SHEET....		

TEMPERATURE	Gauge No. 536		Gauge No. 392		Gauge No.		TIME	
	Depth:	2572' Ft.	Depth:	2618' Ft.	Depth:	Ft.	Hour Clock	
Est. 96 °F.	12	Hour Clock	12	Hour Clock			Tool	A.M.
	Blanked Off	NO	Blanked Off	YES	Blanked Off		Opened	7:50 P.M.
Actual °F.	Pressures		Pressures		Pressures		Opened	A.M.
	Field	Office	Field	Office	Field	Office	Bypass	11:50 P.M.
Initial Hydrostatic		1388	1384	1393			Reported	Computed
First Period	Flow Initial	41	46	78			Minutes	Minutes
	Flow Final	51	78	80			60	60
	Closed in	994	1000	1006			60	60
Second Period	Flow Initial	63	78	143			60	64
	Flow Final	52	78	88			60	56
	Closed in	991	1000	1002				
Third Period	Flow Initial							
	Flow Final							
	Closed in							
Final Hydrostatic		1368	1377	1391				

Legal Location Sec. - Twp. - Rng. **30 18 - 15 - 8**

Lease Name **ALDEN**

Well No. **1**

Test No. **2**

Tested Interval **2584' - 2622'**

County **ELLSWORTH**

State **KANSAS**

Lease Owner/Company Name **EUFAULA ENTERPRISES, INCORPORATED**



Gauge No. 536		Depth 2572		Clock No. 7098		12 hour Ticket No. 876909					
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"	$\text{Log } \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$
0	.000	41	.000	.000	51	.000	63	.000	52		
1	.0667	37	.0268	.0932*	925	.0932*	45	.0269	930		
2	.1334	41	.0536	.1597	976	.1597	47	.0538	967		
3	.2001	44	.0804	.2263	981	.2263	48	.0807	974		
4	.2668	46	.1072	.2929	985	.2929	48	.1076	978		
5	.3335	47	.1340	.3594	987	.3594	49	.1345	981		
6	.4000	51	.1608	.4260	988	.4260	52	.1614	984		
7			.1876		990			.1883	985		
8			.2144		991			.2152	986		
9			.2412		991			.2421	988		
10			.2680		992			.2696	988		
11			.2948		992			.2959	989		
12			.3216		993			.3228	990		
13			.3484		993			.3497	991		
14			.3752		993			.3760	991		
15			.4020		994						

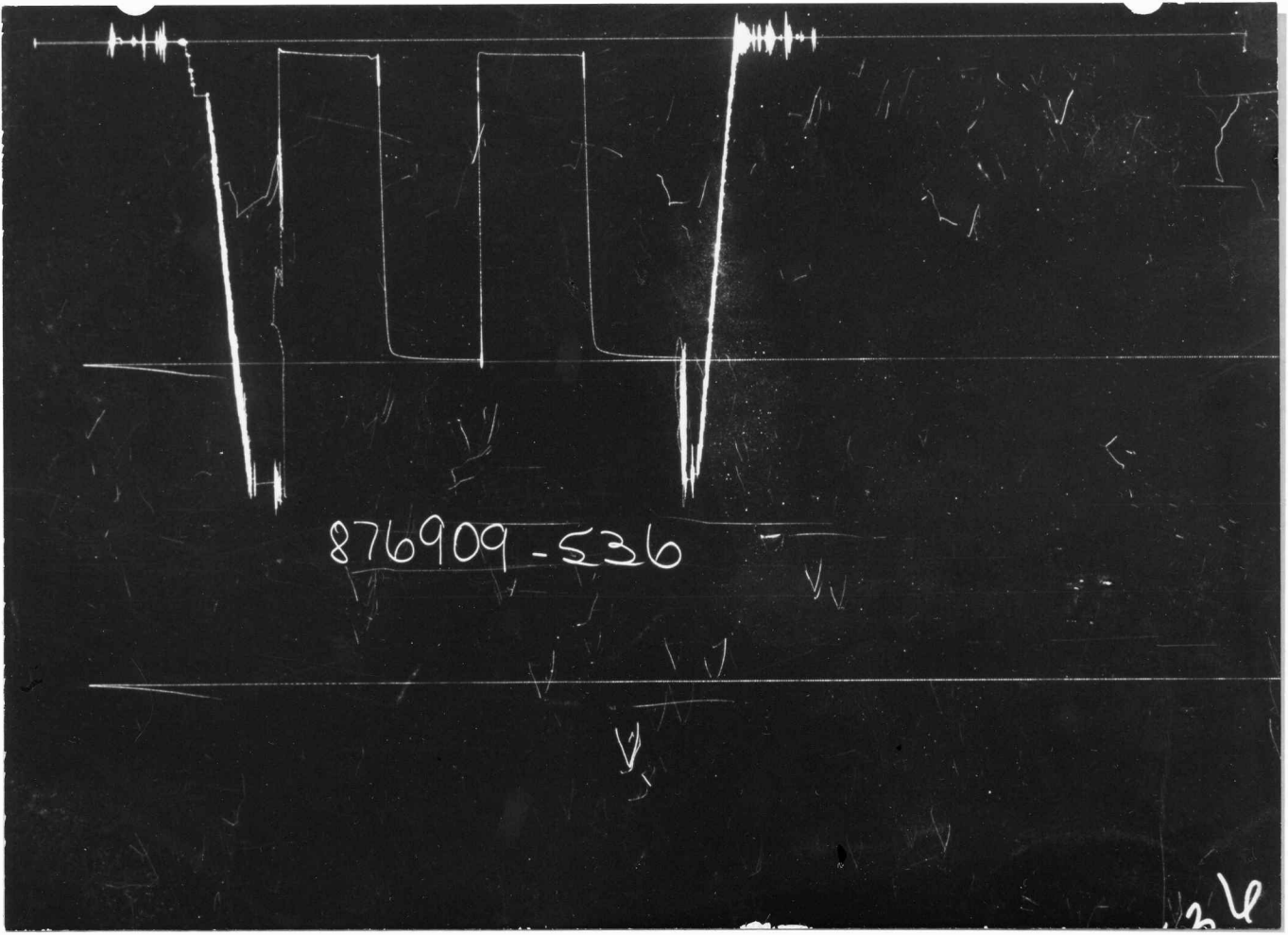
Gauge No. 392		Depth 2618'		Clock No. 4153		hour 12	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$
0	.000	78	.000	.000	143	.000	88
1	.0677	67	.0271	.0947	92 *	.0269	938
2	.1354	71	.0543	.1624	91	.0538	976
3	.2031	73	.0814	.2300	90	.0808	980
4	.2708	76	.1085	.2977	89	.1077	986
5	.3385	77	.1357	.3653	88	.1346	988
6	.4060	80	.1628	.4330	88	.1615	990
7			.1899			.1884	992
8			.2170			.2154	995
9			.2442			.2423	996
10			.2713			.2692	998
11			.2984			.2961	999
12			.3256			.3230	1000
13			.3527			.3500	1001
14			.3798			.3770	1002
15			.4070				

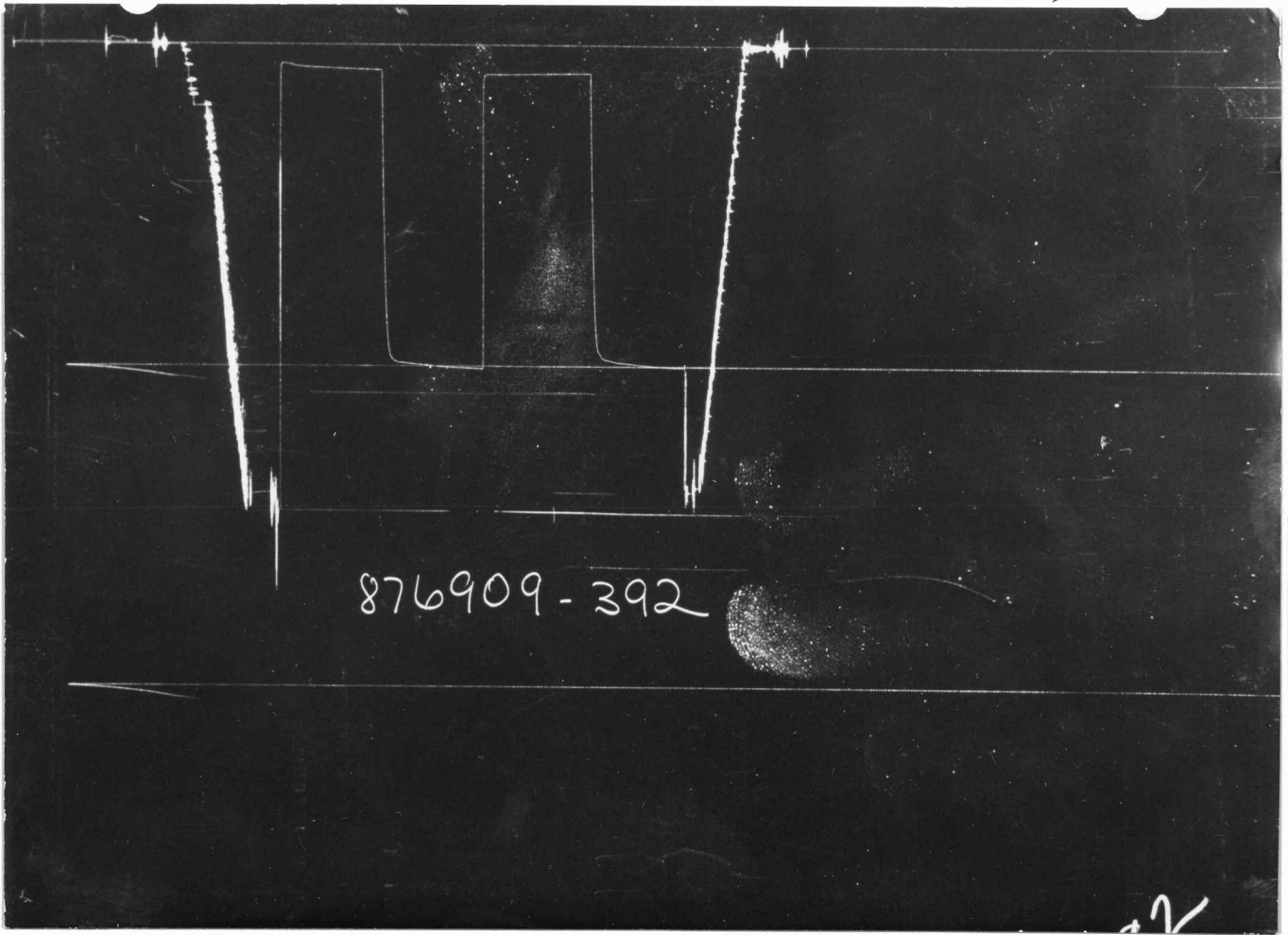
Reading Interval	10	4	10	4	Minutes
REMARKS:	* First interval equal to 14 minutes				

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing .....	5.75"	2.75"	12"	
Reversing Sub .....				
Water Cushion Valve .....				
Drill Pipe .....	4 1/2"	3.826"	1662'	
Drill Collars WEIGHT PIPE .....	3 1/2"	2.764"	910' WEIGHT PIPE	
Handling Sub & Choke Assembly .....				
Dual CIP Valve .....	5"	.87"	48.92"	
Dual CIP Sampler .....				
Hydro-Spring Tester .....	5"	.75"	60.21"	2571'
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5"	3.06"	49.63"	2572'
Hydraulic Jar .....				
VR Safety Joint .....				
Pressure Equalizing Crossover .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	2579'
Distributor .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	2584'
Flush Joint Anchor .....	5"	2.37"	38'	
Pressure Equalizing Tube .....				
Blanked-Off B.T. Running Case .....	5"	3.06"	49.63"	2618'
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 .....				

↑ PRESSURE ↓



↑ PRESSURE ↓



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

<b>FLUID SAMPLE DATA</b>		Date	1-23-75	Ticket Number	876910
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Recovery: Cu. Ft. Gas _____	Tester	D.A. WILLINGER	Witness	TOBY ELSTER	
cc. Oil _____	Drilling Contractor	RED TIGER DRILLING COMPANY SM			
cc. Water _____	EQUIPMENT & HOLE DATA				
cc. Mud _____	Formation Tested	-			
Tot. Liquid cc. _____	Elevation	1608'	Kelly bushing	Ft.	
Gravity _____ ° API @ _____ °F.	Net Productive Interval	5'	Ft.		
Gas/Oil Ratio _____ cu. ft./bbl.	All Depths Measured From	Kelly bushing			
RESISTIVITY _____	Total Depth	2659'	Ft.		
CHLORIDE CONTENT _____	Main Hole/Casing Size	7 7/8"			
Recovery Water _____ @ _____ °F. _____ ppm	Drill Collar Length	910'	I.D.	2.764" WP	
Recovery Mud _____ @ _____ °F. _____ ppm	Drill Pipe Length	-	I.D.	3.826"	
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm	Packer Depth(s)	2648-2652'	Ft.		
Mud Pit Sample _____ @ _____ °F. _____ ppm	Depth Tester Valve	2640'	Ft.		
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm					
Mud Weight _____ vis _____ cp					

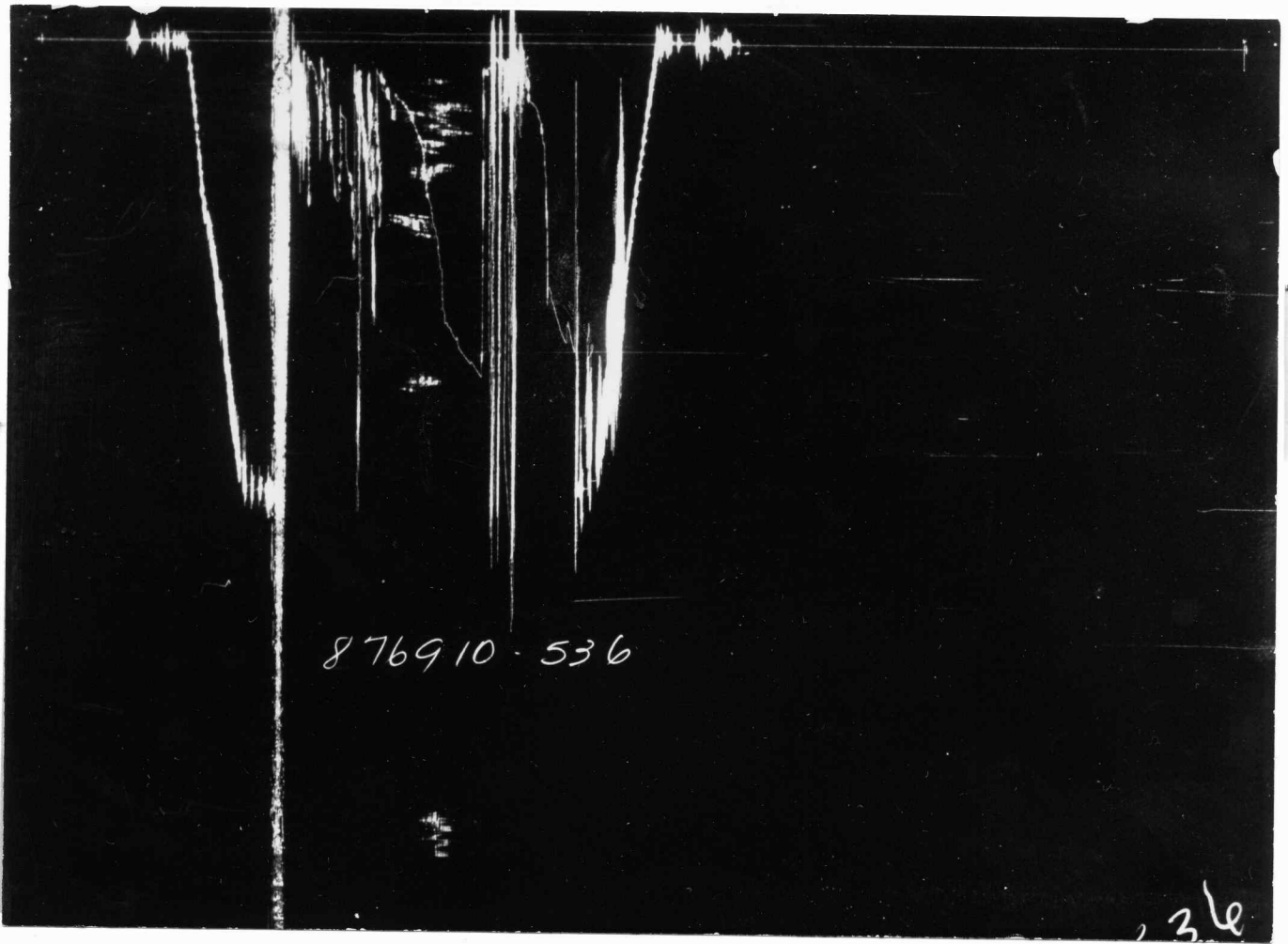
TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Cushion			1"	3/4"
Recovered	75 Feet of	drilling mud		
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			
Recovered	Feet of			
Remarks	Tools plugged....could not get to bottom...slid 12'...still 8' off bottom.			
	Came out of hole and reconditioned hole and retested.			
	MISRUN....			

TEMPERATURE	Gauge No. 536		Gauge No. 392		Gauge No.		TIME	
	Depth:	2641 Ft.	Depth:	2655 Ft.	Depth:	Ft.		
Est. 96 °F.	12 Hour Clock		12 Hour Clock		Hour Clock		Tool	
	Blanked Off no		Blanked Off yes		Blanked Off		Opened 10:05 P.M.	
Actual °F.	Pressures		Pressures		Pressures		Opened A.M.	
	Field	Office	Field	Office	Field	Office	Bypass 1:05 P.M.	
Initial Hydrostatic							Reported Minutes	
First Period	Flow Initial	No readings available....could not reach						Computed Minutes
	Flow Final							
	Closed in	bottom.					60	
Second Period	Flow Initial						60	
	Flow Final							
	Closed in						30	
Third Period	Flow Initial						30	
	Flow Final							
	Closed in							
Final Hydrostatic								

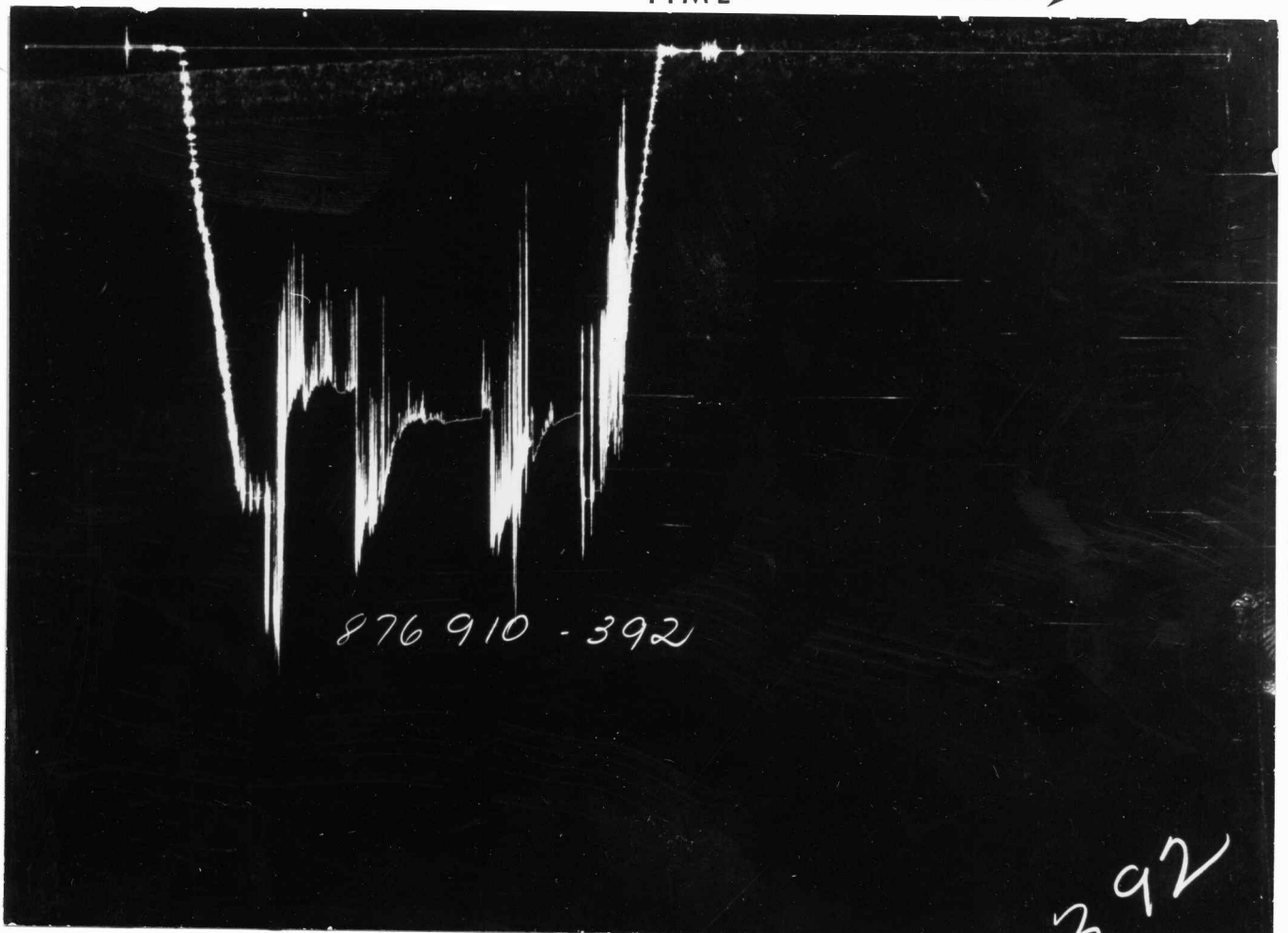
Legal Location Sec. - Twp. - Rng. ALDEN 1 Well No. 1 Test No. 3 2652 - 2659' Tested Interval 30 18 15 8 Field Area Med. From Tester Valve County ELLSWORTH State KANSAS EUFALA ENTERPRISES INCORPORATED Lease Owner/Company Name

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5.75"	2.75"	12"	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4.5"	2.764"	910' WP	
Drill <del>xxxx</del> Pipe	4.5"	3.826"	?	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.87"	48.92"	
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	60.21"	2640'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	49.63"	2641'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	48.89"	2648'
Distributor				
Packer Assembly	6 3/4"	1.53"	48.89"	2652'
Flush Joint Anchor	5"	2.37"		
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	3.06"	49.63"	2655'
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				2659'

PRESSURE



TIME



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

<b>FLUID SAMPLE DATA</b>		Date	1-23-75	Ticket Number	739979
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Recovery: Cu. Ft. Gas _____	Tester	MR. CLINE	Witness	MR. ELSTER	
cc. Oil _____	Drilling Contractor	RED TIGER DRILLING COMPANY		BC	
cc. Water _____	<b>EQUIPMENT &amp; HOLE DATA</b>				
cc. Mud _____	Formation Tested	Kansas City			
Tot. Liquid cc. _____	Elevation	??		Ft.	
Gravity _____ ° API @ _____ °F.	Net Productive Interval	7'		Ft.	
Gas/Oil Ratio _____ cu. ft./bbl.	All Depths Measured From	Kelly Bushing			
RESISTIVITY _____	Total Depth	2659'		Ft.	
CHLORIDE CONTENT _____	Main Hole/Casing Size	7 7/8"			
Recovery Water _____ @ _____ °F. _____ ppm	Drill Collar Length	910' WP I.D.	2.764"		
Recovery Mud _____ @ _____ °F. _____ ppm	Drill Pipe Length	1749' I.D.	3.826"		
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm	Packer Depth(s)	2642' - 2647'		Ft.	
Mud Pit Sample _____ @ _____ °F. _____ ppm	Depth Tester Valve	2637' Ft.			
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm					
Mud Weight _____ vis _____ cp					

TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Cushion			1"	3/4"

Recovered	Feet of	
Recovered	Feet of	CHARTS INDICATE ANCHOR PERFORATIONS PLUGGED THROUGHOUT
Recovered	Feet of	TEST...CLOSED IN PRESSURES ARE QUESTIONABLE.....
Recovered	Feet of	
Recovered	Feet of	

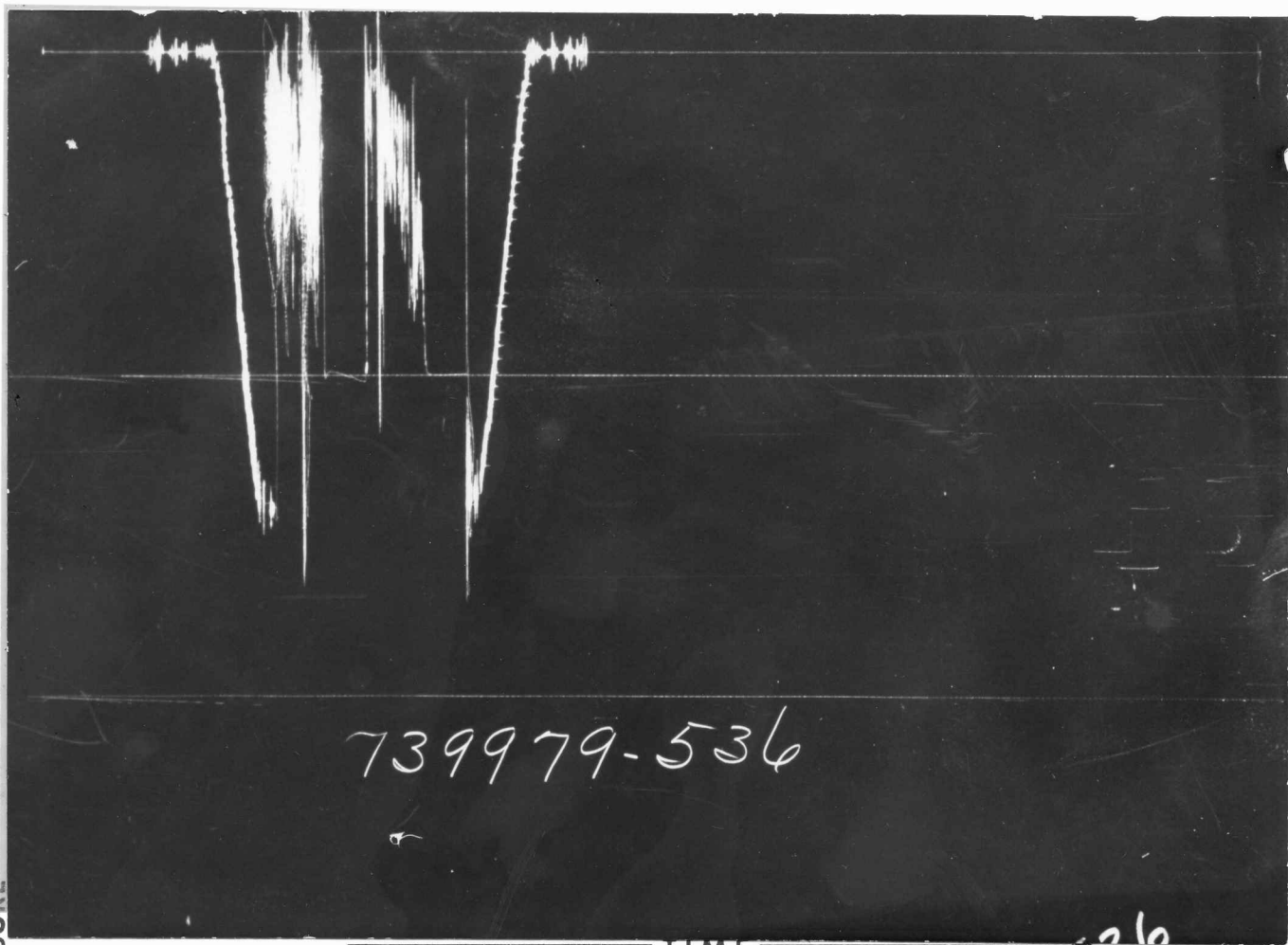
Remarks Tool opened for a 30 minute first flow with a good but erratic blow. Tool kept sliding. Closed tool for 30 minute first closed in pressure. Reopened tool for 30 minute second flow with a very weak blow throughout test. Tool slid approximately 1 1/2' during flow period. Closed tool for 30 minute second closed in pressure.

TEMPERATURE	Gauge No. 536		Gauge No. 392		Gauge No.		TIME	
	Depth:	2639' Ft.	Depth:	2655' Ft.	Depth:	Ft.	Hour Clock	
Est. 97 °F.	12 Hour Clock	NO	12 Hour Clock	YES	Blanked Off		Tool Opened	0825 A.M.
Actual °F.	Pressures		Pressures		Pressures		Open	1025 P.M.
	Field	Office	Field	Office	Field	Office	Reported	Computed
Initial Hydrostatic		1397		1405			Minutes	Minutes
First Period	Flow Initial	UTR		UTR				
	Flow Final	UTR		UTR			30	
	Closed in	1020		1129			30	
Second Period	Flow Initial	UTR		UTR				
	Flow Final	UTR		UTR			30	
	Closed in	995		1111			30	
Third Period	Flow Initial							
	Flow Final							
	Closed in							
Final Hydrostatic		1389		1400				
		UTR = Unable to read						

Legal Location Sec. - Twp. - Rng. 30 - 15 - 8  
 Lease Name ALDEN  
 Well No. 1  
 Test No. 4  
 Tested Interval 2647' - 2659'  
 County ELLSWORTH  
 State KANSAS  
 Lease Owner/Company Name EUFAULA ENTERPRISES, INCORPORATED

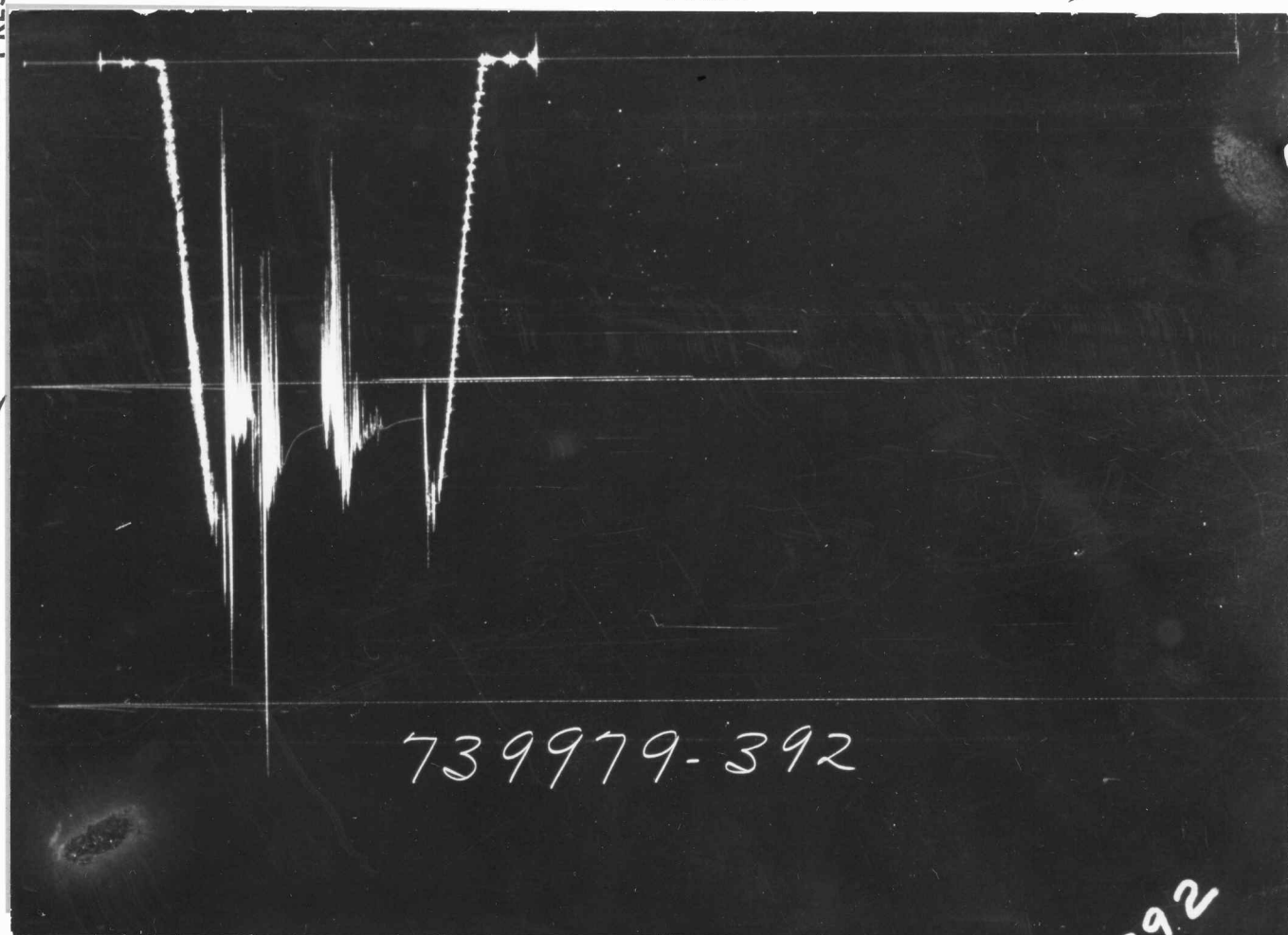
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.75"	2.75"	12"	
Water Cushion Valve				
Drill Pipe	4½"	3.826"	1749'	
Drill Collars	4½" WP	2.764"	910'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.87"	60.92"	
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	60.21"	2637'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	49.63"	2639'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	48.89"	2642'
Distributor				
Packer Assembly	6 3/4"	1.53"	48.89"	2647'
Flush Joint Anchor	5"	2.37"	7'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	3.06"	49.63"	2655'
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				2659'

5



739979-536

26



739979-392

92

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

<b>FLUID SAMPLE DATA</b>		Date	1-23-75	Ticket Number	739980
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____	Tester	MR. CLINE	Witness	MR. ELSTER	
Gravity _____ ° API @ _____ ° F.	Drilling Contractor	RED TIGER DRILLING COMPANY		BC S	
Gas/Oil Ratio _____ cu. ft./bbl.	<b>EQUIPMENT &amp; HOLE DATA</b>				
RESISTIVITY _____ CHLORIDE CONTENT _____	Formation Tested	Lansing Kansas City			
Recovery Water _____ @ _____ ° F. _____ ppm	Elevation	??	Ft.		
Recovery Mud _____ @ _____ ° F. _____ ppm	Net Productive Interval	29'	Ft.		
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm	All Depths Measured From	Kelly Bushing			
Mud Pit Sample _____ @ _____ ° F. _____ ppm	Total Depth	2661'	Ft.		
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm	Main Hole/Casing Size	7 7/8"			
Mud Weight _____ vis _____ cp	Drill Collar Length	910' WP	I.D.	2.764"	
	Drill Pipe Length	1751'	I.D.	3.826"	
	Packer Depth(s)	2627' - 2632'		Ft.	
	Depth Tester Valve	2617' Ft.			

Legal Location Sec. - Twp. - Rng. 30 - 15 - 8  
 Lease Name ALDEN  
 Well No. 1  
 Test No. 5  
 Tested Interval 2632' - 2661'  
 County ELLSWORTH  
 State KANSAS  
 Lease Owner/Company Name EUFULA ENTERPRISES, INCORPORATED

TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Cushion			1"	3/4"
Recovered	120 Feet of	Gas cut mud		
Recovered	180 Feet of	Oil and gas cut mud		
Recovered	300 Feet of	Muddy gassy oil		
Recovered	15 Feet of	Water		
Recovered	Feet of			
Remarks	See production test data sheet....			

TEMPERATURE	Gauge No. 536		Gauge No. 392		Gauge No.		TIME	
	Depth: 2619' Ft.		Depth: 2657' Ft.		Depth:		Hour Clock	Tool
Est. 97 ° F.	Blanked Off No		Blanked Off Yes		Blanked Off		12 Hour Clock	1740 A.M.
Actual ° F.	Pressures		Pressures		Pressures		Reported Minutes	Computed Minutes
Initial Hydrostatic	Field 1391	Office 1395	Field 1424	Office 1408				
First Period Flow	Initial 39	Office 45	Field 62	Office 59			60	59
	Final 117	Office 125	Field 132	Office 134			60	62
	Closed in 1015	Office 1028	Field 1032	Office 1037				
Second Period Flow	Initial 117	Office 113	Field 109	Office 123			60	59
	Final 179	Office 191	Field 203	Office 200			60	60
	Closed in 1000	Office 999	Field 1016	Office 1008				
Third Period Flow	Initial							
	Final							
Final Hydrostatic	Field 1384	Office 1391	Field 1408	Office 1400				

**FORMATION TEST DATA**



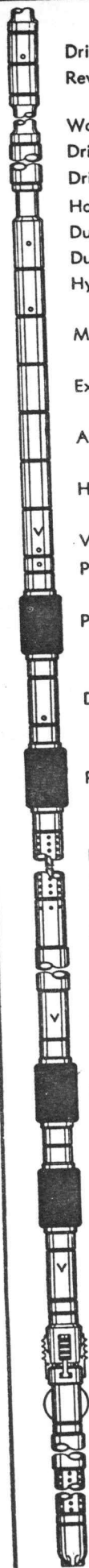
Gauge No. 536		Depth 2619'		Clock No. 7098		Ticket No. 739980	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.0000 45	.0000	125	.0000	113	.0000	191
1	.0609 63*	.0526	816**	.0601	135*	.0399	683
2	.1285 80	.0921	923	.1269	148	.0798	858
3	.1961 92	.1316	959	.1937	163	.1197	905
4	.2637 104	.1711	979	.2605	173	.1596	931
5	.3313 115	.2106	994	.3273	183	.1995	952
6	.3990 125	.2501	1005	.3940	191	.2394	967
7		.2896	1013			.2793	978
8		.3291	1020			.3192	986
9		.3686	1024			.3591	993
10		.4080	1028			.3990	999
11							
12							
13							
14							
15							

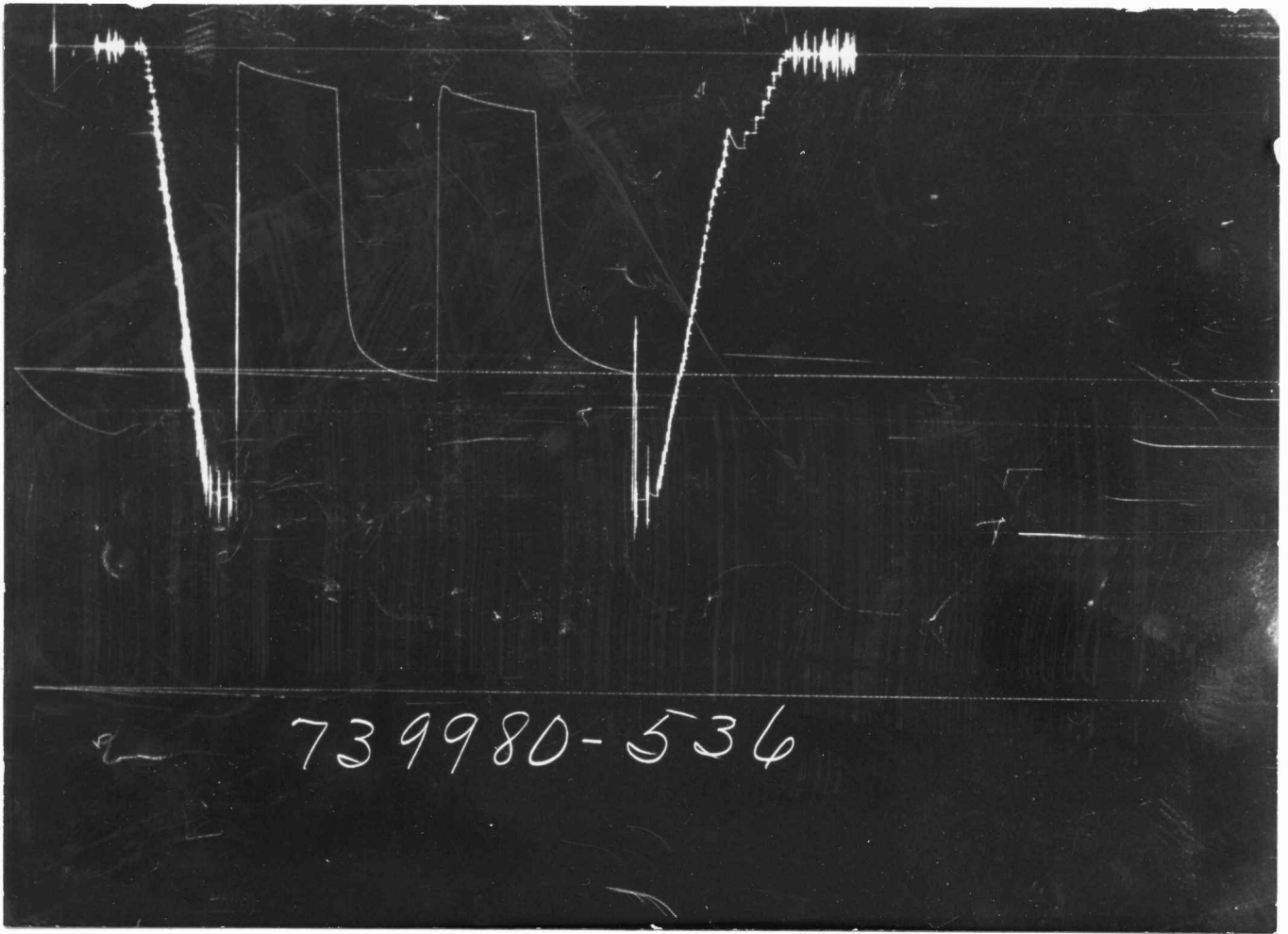
Gauge No. 392		Depth 2657'		Clock No. 4153		Ticket No. 739980	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.0000 59	.0000	134	.0000	123	.0000	200
1	.6007 75*	.0538	829**	.0606	145*	.0404	699
2	.1282 89	.0942	933	.1279	159	.0808	863
3	.1957 102	.1346	967	.1952	172	.1212	914
4	.2632 113	.1750	988	.2625	128	.1616	941
5	.3307 125	.2154	1003	.3298	191	.2020	959
6	.3980 134	.2558	1013	.3970	200	.2424	974
7		.2962	1022			.2828	986
8		.3366	1028			.3232	995
9		.3770	1033			.3636	1002
10		.4170	1037			.4040	1008
11							
12							
13							
14							
15							

Reading Interval 10 6 10  
 REMARKS: \*Interval = 9 minutes \*\*Interval = 8 minutes

SPECIAL PRESSURE DATA

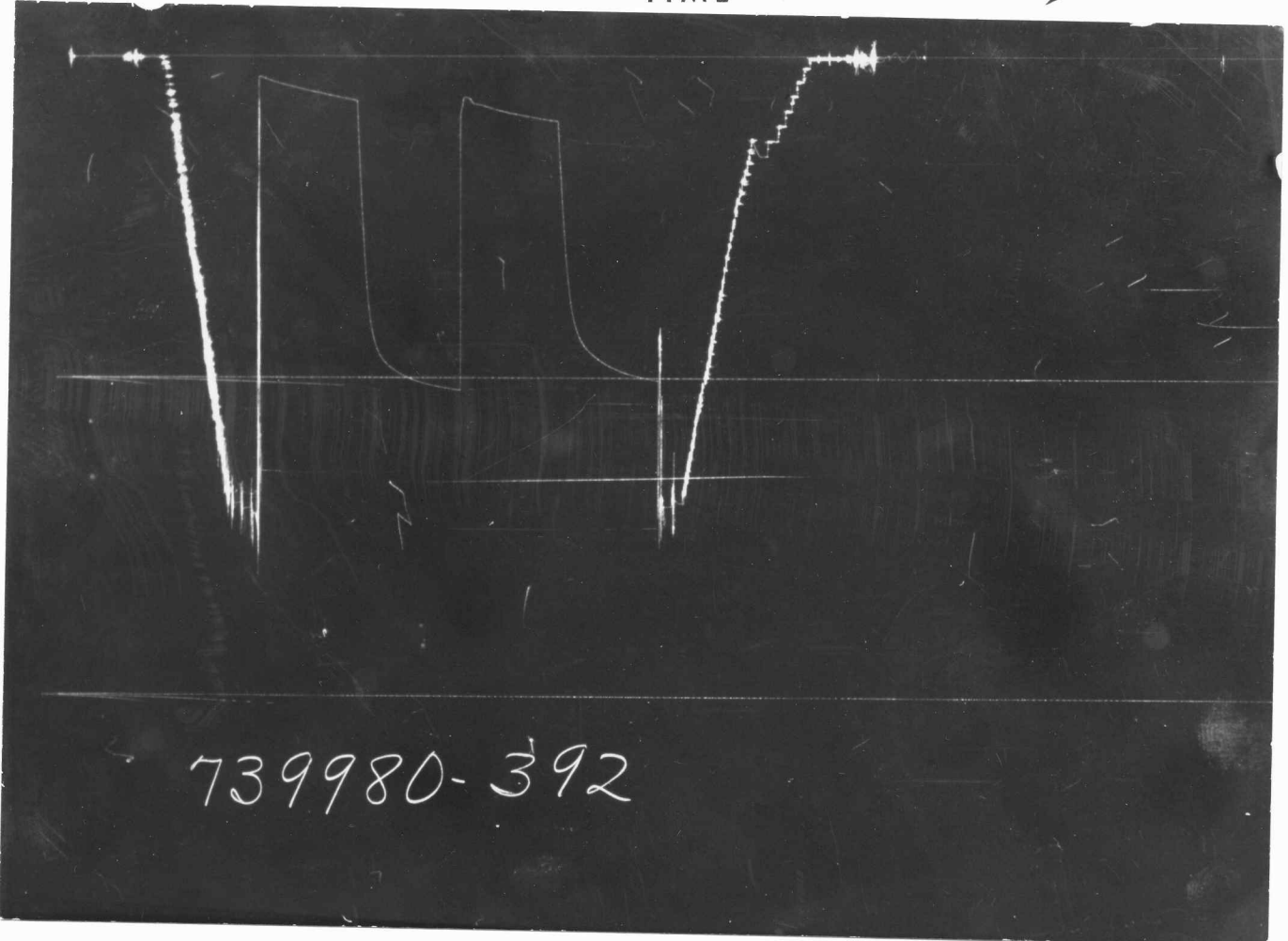


	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing .....	5.75"	2.75"	12"	
Reversing Sub .....				
Water Cushion Valve .....	4 1/2"	3.826"	1751'	
Drill Pipe .....	4 1/2" WP	2.764"	910'	
Drill Collars .....				
Handling Sub & Choke Assembly .....	5"	.87"	60.92"	
Dual CIP Valve .....				
Dual CIP Sampler .....	5"	.75"	60.21"	2617'
Hydro-Spring Tester .....				
Multiple CIP Sampler .....				
Extension Joint .....				
AP Running Case .....	5"	3.06"	49.63"	2619'
Hydraulic Jar .....				
VR Safety Joint .....				
Pressure Equalizing Crossover .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	2627'
Distributor .....				
Packer Assembly .....	6 3/4"	1.53"	48.89"	2632'
Flush Joint Anchor .....	5"	2.37"	29'	
Pressure Equalizing Tube .....				
Blanked-Off B.T. Running Case .....	5"	3.06"	49.63"	2657'
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 .....				2661'
Total Depth .....				



PRESSURE

TIME



739980-392

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