



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

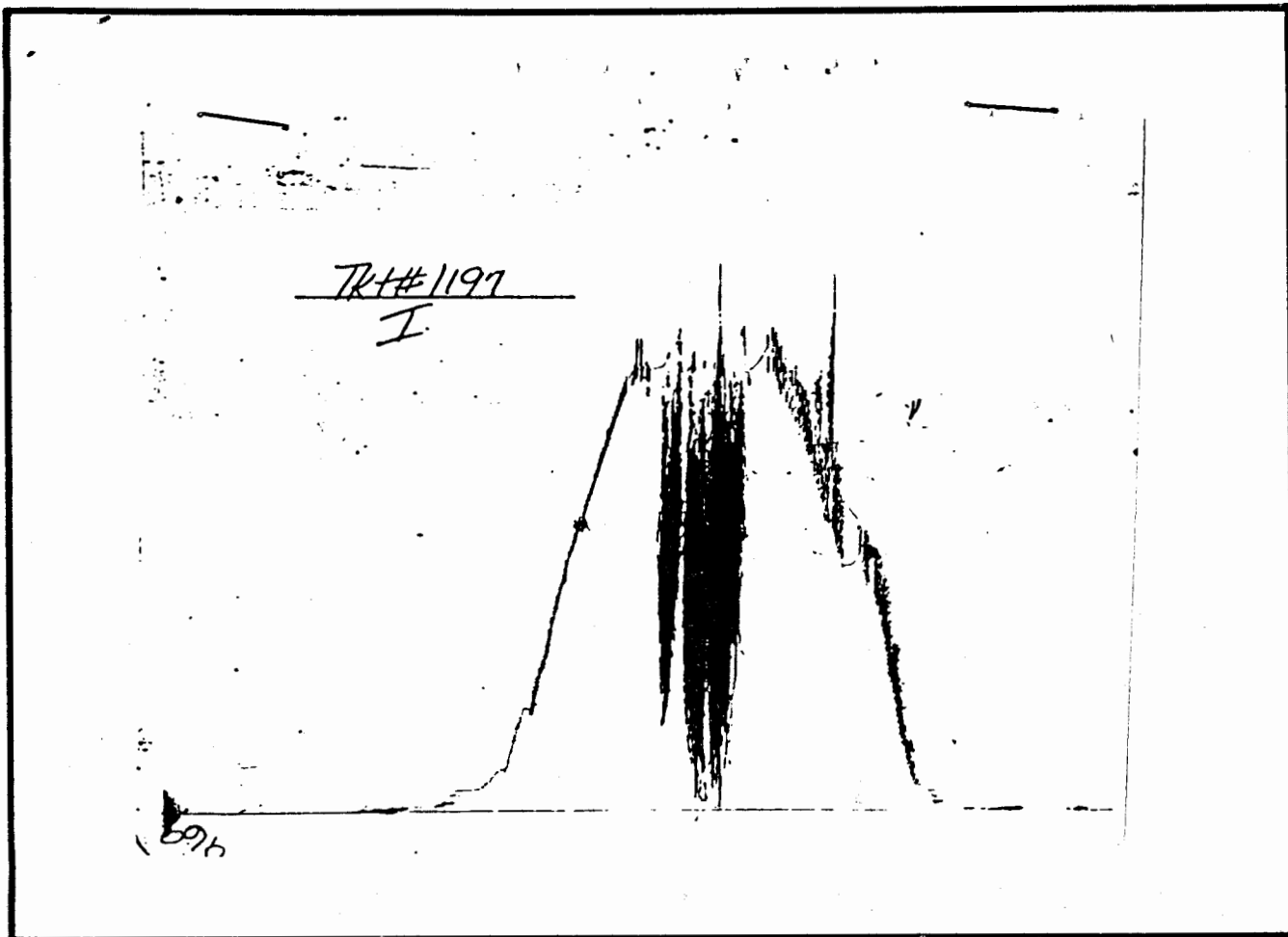
24-28-20W

Company KRM Petroleum Corporation Lease & Well No. Sherer #1
Elevation 2312 Kelly Bushing Formation Mississippi Effective Pay -- Fr. Ticket No. 1197
Date 1/9/79 Sec. 24 Twp. 28S Range 20W County Kiowa State Kansas
Test Approved by J. Copeland Landes Western Representative William K. Hager
Formation Test No. 1 Interval Tested from 4940' ft. to 4954' ft. Total Depth 4954' ft.
Packer Depth 4935 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4940 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 4946 ft. Recorder Number 967 Cap. 4200
Bottom Recorder Depth (Outside) 4949 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor H-30, Inc. #77 Drill Collar Length 180 I. D. 2 1/2 in.
Mud Type drispac Viscosity 58 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 14.6 cc. Drill Pipe Length 4732 I. D. 3.8 in.
Chlorides 12,000 P.P.M. Test Tool Length 42' Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 407 Anchor Length 14' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: _____

Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____ MISRUN
Recovered _____ ft. of _____
Remarks: PACKER SEAT FAILURE. OUT OF HOLE TO CHANGE LENGTH OF ANCHOR.

Time Set Packer(s) A.M. P.M. = Time Started Off Bottom A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure _____ (A) _____ P.S.I.
Initial Flow Period _____ Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period _____ Minutes _____ (D) _____ P.S.I.
Final Flow Period _____ Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period _____ Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure _____ (H) _____ P.S.I.



This is an actual photograph of recorder chart.

MISRUN

PRESSURE

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud		PSI
(B) First Initial Flow Pressure		PSI
(C) First Final Flow Pressure		PSI
(D) Initial Closed-in Pressure		PSI
(E) Second Initial Flow Pressure		PSI
(F) Second Final Flow Pressure		PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud		PSI



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Company KRM Petroleum Corporation Lease & Well No. Sherer #1
Elevation 2312 Kelly Bushing Mississippi Effective Pay -- Ft. Ticket No. 1198
Date 1/9/79 Sec. 24 Twp. 28S Range 20W County Kiowa State Kansas
Test Approved by J. Copeland Landes C N E - N E Western Representative William K. Hager
Formation Test No. 2 Interval Tested from 4949' ft. to 4954' ft. Total Depth 4954' ft.
Packer Depth 4944 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4949 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 4936 ft. Recorder Number 969 Cap. 4200
Bottom Recorder Depth (Outside) 4939 ft. Recorder Number 2603 Cap. 4400
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor H-30, Inc. #77 Drill Collar Length 180' I. D. 2 1/2 in.
Mud Type drispac Viscosity 58 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 14.6 cc. Drill Pipe Length 4733 I. D. 3.8 in.
Chlorides 12,000 P.P.M. Test Tool Length 41' Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 407 Anchor Length 5' ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Very weak blow on initial flow period/no blow on final flow period.

Recovered 65 ft. of drilling mud

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 6:02 A.M. P.M. Time Started Off Bottom 7:40 A.M. P.M. Maximum Temperature 134
Initial Hydrostatic Pressure (A) 2504 P.S.I.
Initial Flow Period Minutes 15 (B) 65 P.S.I. to (C) 74 P.S.I.
Initial Closed In Period Minutes 30 (D) 1950 P.S.I.
Final Flow Period Minutes 15 (E) 93 P.S.I. to (F) 90 P.S.I.
Final Closed In Period Minutes 30 (G) 287 P.S.I.
Final Hydrostatic Pressure (H) 2456 P.S.I.

WESTERN TESTING CO., INC.

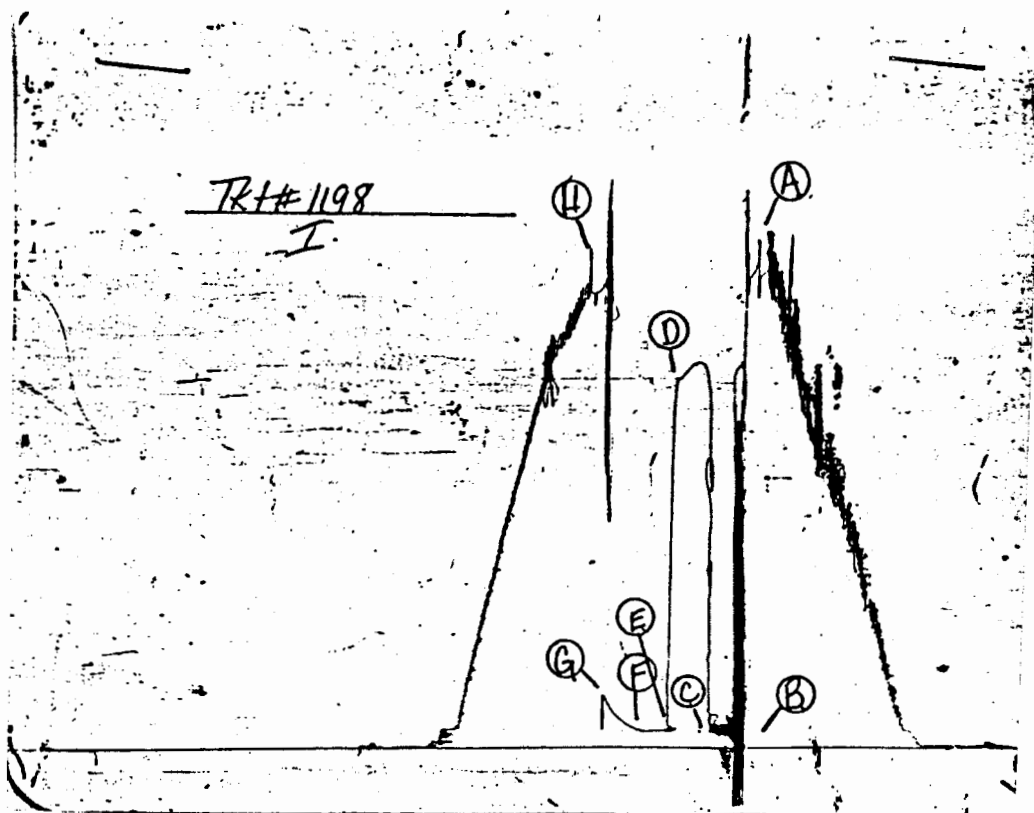
Pressure Data

Date 1/9/79 Recorder No. 969 Capacity 4200 Test Ticket No. 1198
 Clock No. -- Elevation 2312 Kelly Bushing Location 4936 Ft. 134 °F
 Well Temperature 134 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A. Initial Hydrostatic Mud	2504 P.S.I.		6:02P	M
B. First Initial Flow Pressure	65 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C. First Final Flow Pressure	74 P.S.I.	Initial Closed-in Pressure	30 Mins.	27 Mins.
D. Initial Closed-in Pressure	1950 P.S.I.	Second Flow Pressure	15 Mins.	15 Mins.
E. Second Initial Flow Pressure	93 P.S.I.	Final Closed-in Pressure	30 Mins.	33 Mins.
F. Second Final Flow Pressure	90 P.S.I.			
G. Final Closed-in Pressure	287 P.S.I.			
H. Final Hydrostatic Mud	2456 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>11</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>65</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>93</u>	<u>0</u>	<u>90</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>1366</u>	<u>5</u>	<u>96</u>	<u>3</u>	<u>90</u>
P 3 <u>10</u>	<u>65</u>	<u>6</u>	<u>2032</u>	<u>10</u>	<u>94</u>	<u>6</u>	<u>98</u>
P 4 <u>15</u>	<u>74</u>	<u>9</u>	<u>2041</u>	<u>15</u>	<u>90</u>	<u>9</u>	<u>106</u>
P 5		<u>12</u>	<u>2034</u>			<u>12</u>	<u>117</u>
P 6		<u>15</u>	<u>2018</u>			<u>15</u>	<u>127</u>
P 7		<u>18</u>	<u>1994</u>			<u>18</u>	<u>145</u>
P 8		<u>21</u>	<u>1969</u>			<u>21</u>	<u>162</u>
P 9		<u>24</u>	<u>1952</u>			<u>24</u>	<u>186</u>
P10		<u>27</u>	<u>1950</u>			<u>27</u>	<u>215</u>
P11						<u>30</u>	<u>256</u>
P12						<u>33</u>	<u>287</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2485	2504	PSI
(B) First Initial Flow Pressure	61	65	PSI
(C) First Final Flow Pressure	71	74	PSI
(D) Initial Closed-in Pressure	--	1950	PSI
(E) Second Initial Flow Pressure	81	93	PSI
(F) Second Final Flow Pressure	81	90	PSI
(G) Final Closed-in Pressure	256	287	PSI
(H) Final Hydrostatic Mud	2443	2456	PSI

FLUID SAMPLE DATA				Date 1-10-79		Ticket Number 622905	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity _____ ° API @ _____ ° F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT Recovery Water _____ @ _____ ° F. _____ ppm Recovery Mud _____ @ _____ ° F. _____ ppm Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm Mud Pit Sample _____ @ _____ ° F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm				Kind of Job OPEN HOLE STRADDLE Tester TED MOFF Drilling Contractor H-30		Halliburton District PRATT Witness C. LANDIES DR	
EQUIPMENT & HOLE DATA							
Formation Tested Cherokee				Elevation 2312' KB Ft.			
Net Productive Interval 4'				Ft.			
All Depths Measured From Kelly Bushing				Total Depth 5007' Ft.			
Main Hole/Casing Size 7 7/8"				Drill Collar Length 120' I.D. 2.25"			
Drill Pipe Length 4741' I.D. 3.826"				Packer Depth(s) 4891-4901-4924' Ft.			
Depth Tester Valve 4869' Ft.							
TYPE		AMOUNT		Depth Back		Surface	
Cushion				Ft. Pres. Valve		Choke 1" Bottom Choke 3/4"	
Recovered		Feet of		MAILED JAN 16 1979 Halliburton Company Kansas, Oklahoma			
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks SEE PRODUCTION TEST DATA SHEET							
TEMPERATURE		Gauge No. 6144		Gauge No. 6762		Gauge No. 6143	
Depth:		4874 Ft.		4916 Ft.		5004 Ft.	
Est. 120 °F.		12 Hour Clock		12 Hour Clock		12 Hour Clock	
Blanked Off NO		Blanked Off YES		Blanked Off YES		Tool A.M.	
Actual °F.		Pressures		Pressures		Opened 2140 P.M.	
		Field Office		Field Office		Opened A.M.	
Initial Hydrostatic		2368		2381		Bypass 2310 P.M.	
Flow Initial		22		44		Reported Minutes	
Flow Final		35		70		Computed Minutes	
Closed in		67		89		HYDROSTATIC	
Flow Initial		50		75		RELEASE: 2181	
Flow Final		50		81			
Closed in		65		87			
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		2386		2396		2442	

Legal Location
 Sec. - Twp. - Rng. 24-28-20W 2 C N E - N E

Lease Name
 SHERER

Well No.
 C-a

Test No.
 3

Tested Interval
 4901-4924'

County
 KIOWA

State
 KANSAS

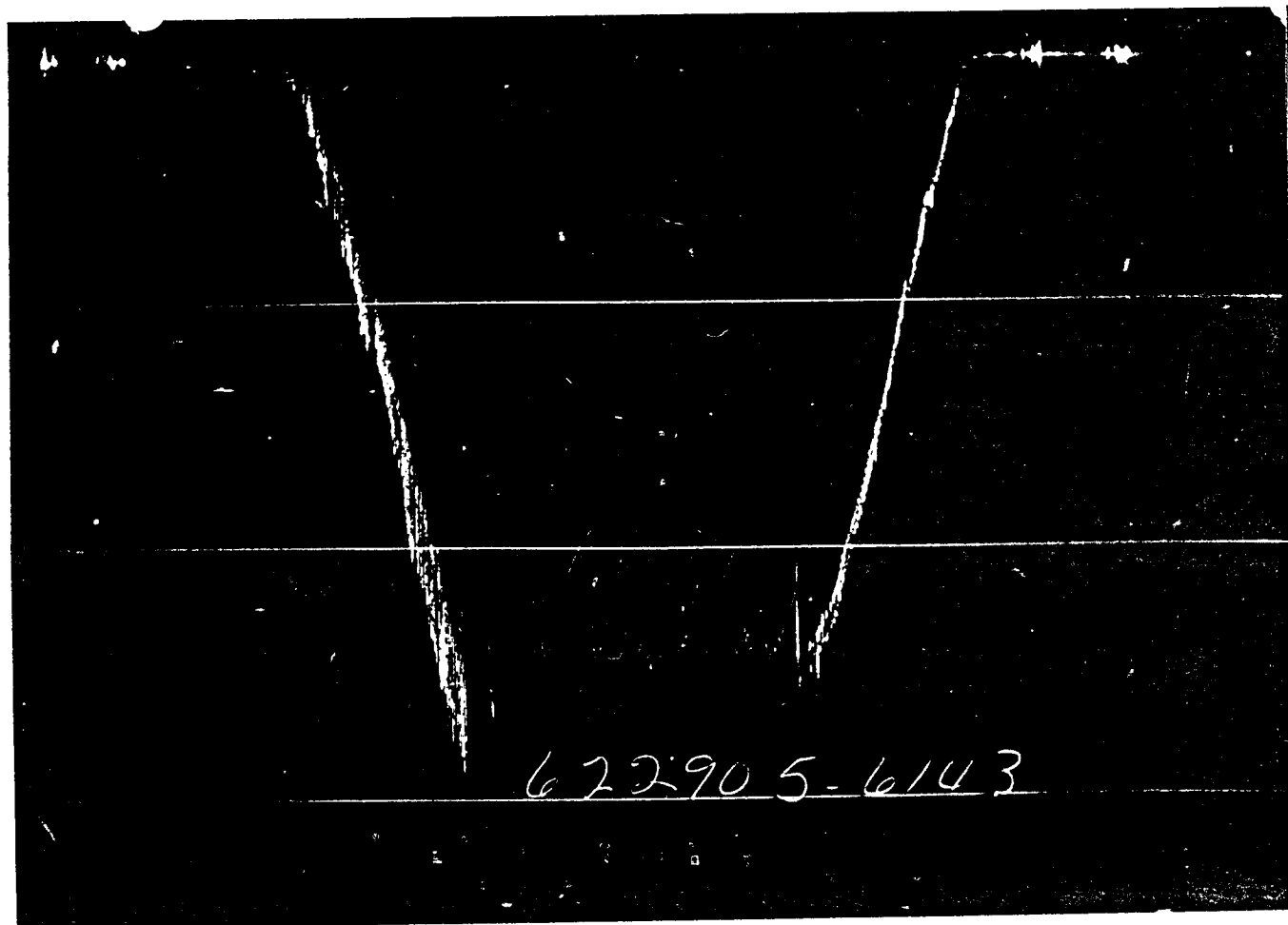
Lease Owner/Company Name
 KRM PETROLEUM CORPORATION

Casing perms. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 622905
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

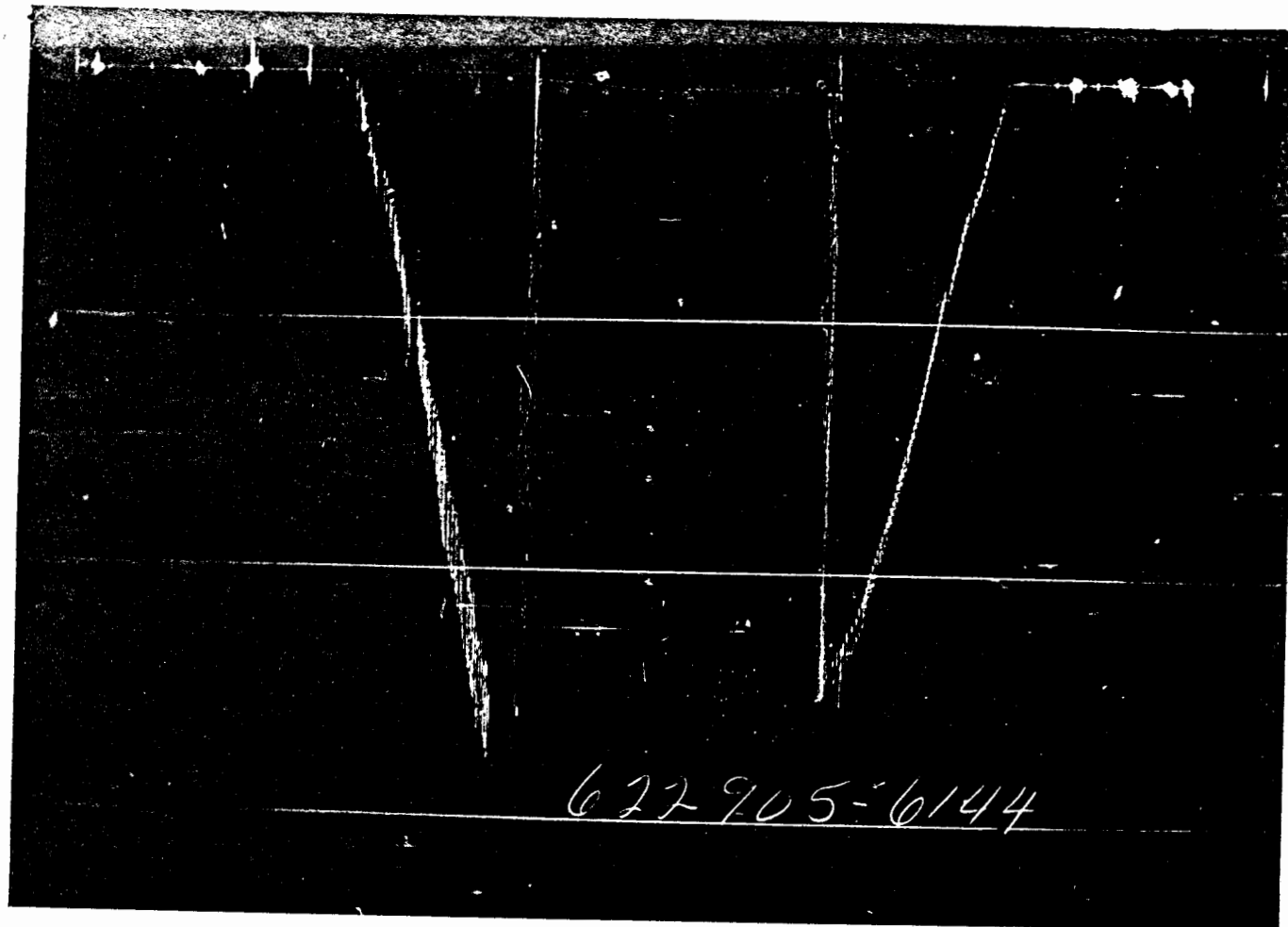
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED.

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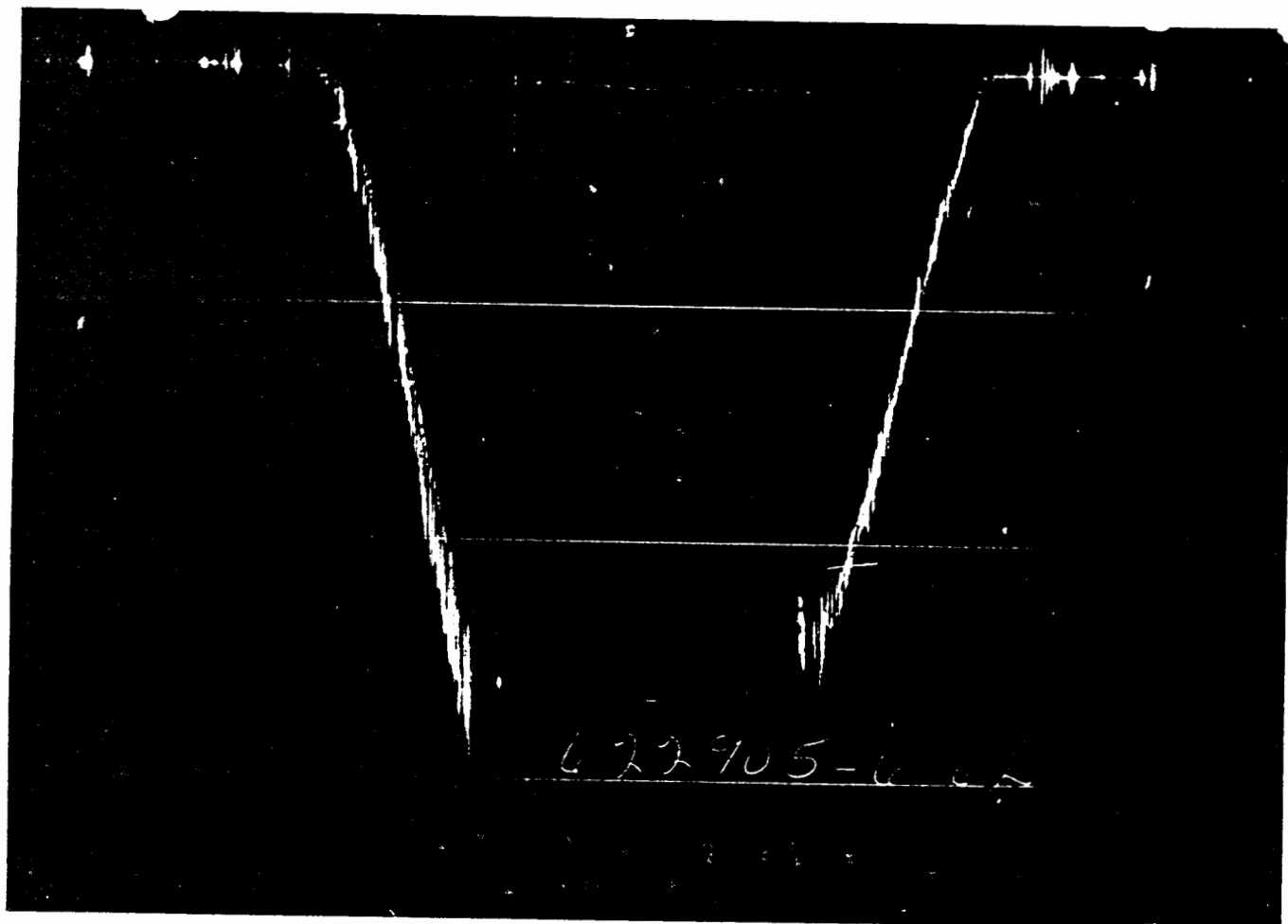
	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	2.25"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4741'	
Drill Collars	6"	2.25"	120'	
Handling Sub & Choke Assembly	6"	2.25"	1' Change over sub	
Dual CIP Valve	5 3/4"	.87"	6'	4863'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	4869'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	4874'
Hydraulic Jar	5"	.87"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover	5"	1"	2'	
Packer Assembly	6 3/4"	1.53"	6'	4891'
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	4901'
Flush Joint Anchor	5"	2.36"	14'	
Pressure Equalizing Tube	5"	1"	1'	
Blanked-Off B.T. Running Case	5"	3.06"	4'	4916'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly	6 3/4"	1.53"	6'	4924'
Distributor	6"	2.25"	1' Change over sub	
Packer Assembly	5"	2.36"	7'	
Packer Assembly	6"	2.25"	1'	
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	6"	2.25"	63'	
Flush Joint Anchor	6"	2.25"	2' Change over sub	
Blanked-Off B.T. Running Case	5"	2.36"	1'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	5004'
Total Depth				5007'



↓ PRESSURE



TIME →



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