

Flow Time	1st Min. 15	2nd Min. 45	Date	1-21-69	Ticket Number	066236
Closed In Press. Time	1st Min. 30	2nd Min. 30	Kind of Job	Open hole	Halliburton District	Hays
Pressure Readings	Field	Office Corrected	Tester	H. D. Hughes	Witness	Jim Quick
Depth Top Gauge	2988 Ft.	Blanked Off no	Drilling Contractor	LEBEN DRILLING INCORPORATED	sm	
BT. P.R.D. No.	375	12 Hour Clock	Elevation	1973' KB	Top Packer	-
Initial Hydro Mud Pressure	-	1637	Total Depth	3010'	Bottom Packer	2985'
Initial Closed in Pres.	-	32	Interval Tested	2985-3010'	Formation Tested	Topeka
Initial Flow Pres.	-	1 6	Casing or Hole Size	7 7/8"	Casing } Top	
Final Flow Pres.	-	2 10	Surface Choke	1/4"	Perfs. } Bot.	
Final Closed in Pres.	-	1 7	Drill Collars Above Tester	1025' Flex wt.	Bottom Choke	3/4"
Final Hydro Mud Pressure	-	1612	Size & Kind Drill Pipe	4 1/2" FH	I.D. - LENGTH	
Depth Cen. Gauge	Ft.	Blanked Off	Mud Weight	10.3	Anchor Size ID	3.76" X 25'
BT. P.R.D. No.		Hour Clock	Temperature	3005' @ 102°F Actual	& Length OD	5"
Initial Hydro Mud Pres.			Depths Mea. From	Kelly bushing	Depth of Tester Valve	2972' Ft.
Initial Closed in Pres.			TYPE AMOUNT		Depth Back Pres. Valve	Ft.
Initial Flow Pres.	1		Cushion	none		
Final Flow Pres.	2		Recovered	10 Feet of	slightly gassy mud with specks of oil	
Final Closed in Pres.	1		Recovered	Feet of		
Final Hydro Mud Pres.	2		Recovered	Feet of		
Depth Bot. Gauge	3006 Ft.	Blanked Off yes	Oil A.P.I. Gravity		Water Spec. Gravity	
BT. P.R.D. No.	206	12 Hour Clock	Gas Gravity		Surface Pressure	psi
Initial Hydro Mud Pres.	1619	1630	Tool Opened	6:15 PM	A.M. P.M.	Tool Closed 8:15 PM A.M. P.M.
Initial Closed in Pres.	49	46	Remarks	Tool opened with a weak blow for a 15 minute first flow. Closed in for a 30 minute		
Initial Flow Pres.	19	1 24		initial closed in pressure. Tool reopened with		
Final Flow Pres.	29	2 28		a weak to very weak blow to dead in 25 minutes.		
Final Closed in Pres.	39	39		Closed for a 30 minute final closed in pressure.		
Final Hydro Mud Pres.	1599	1626				

FORMATION TEST DATA

Legal Location
Sec. - Twp. - Rng.

3-16-17

Lease Name

Well No.

Test No.

Field Area

County

RUSH

State

KANSAS

CITIES SERVICE OIL COMPANY
Lease Owner/Company Name

GREAT BEND
Owner's District

URBAN

A-1

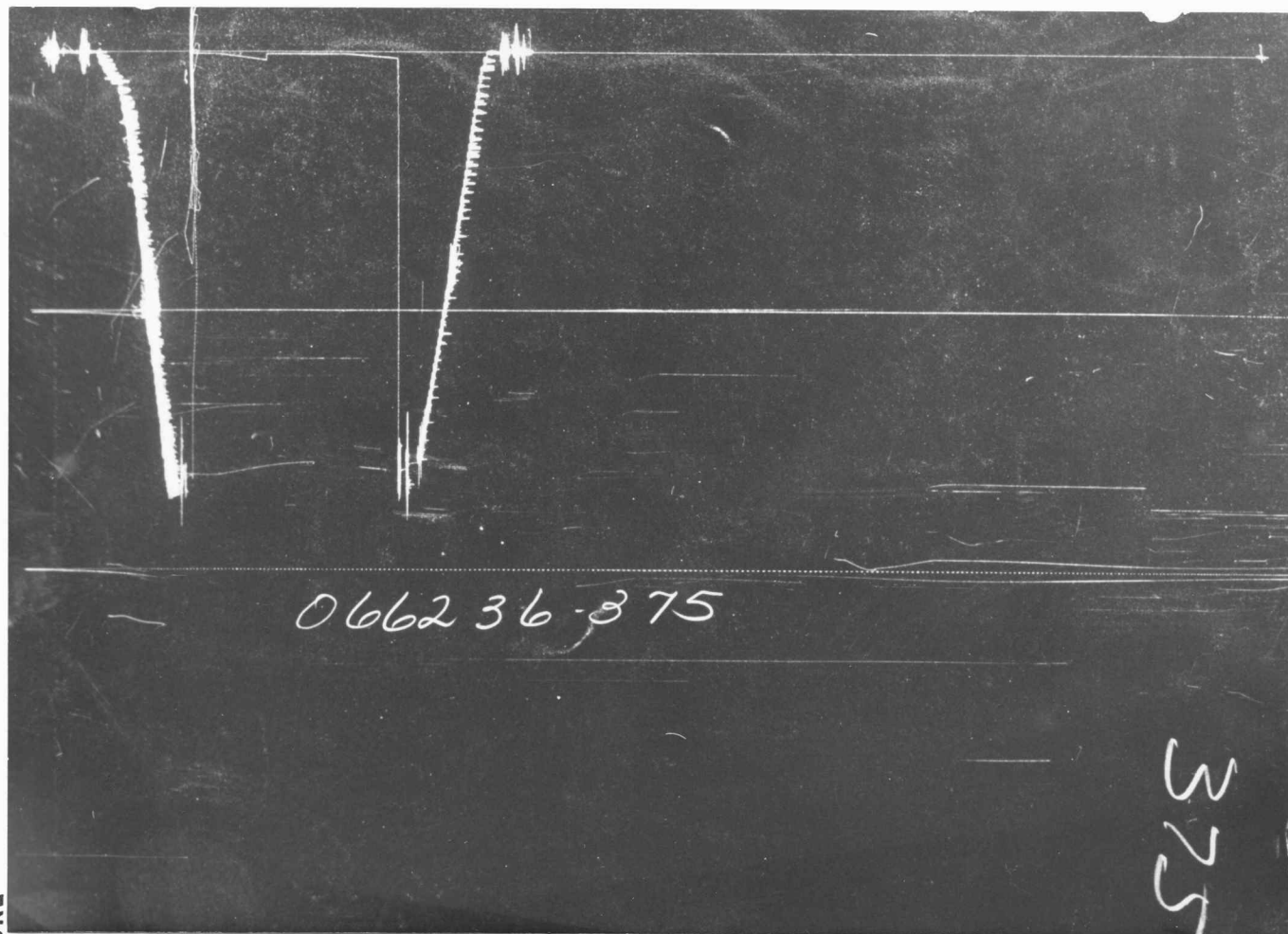
1

TEMPERATURE RECORDER CHART



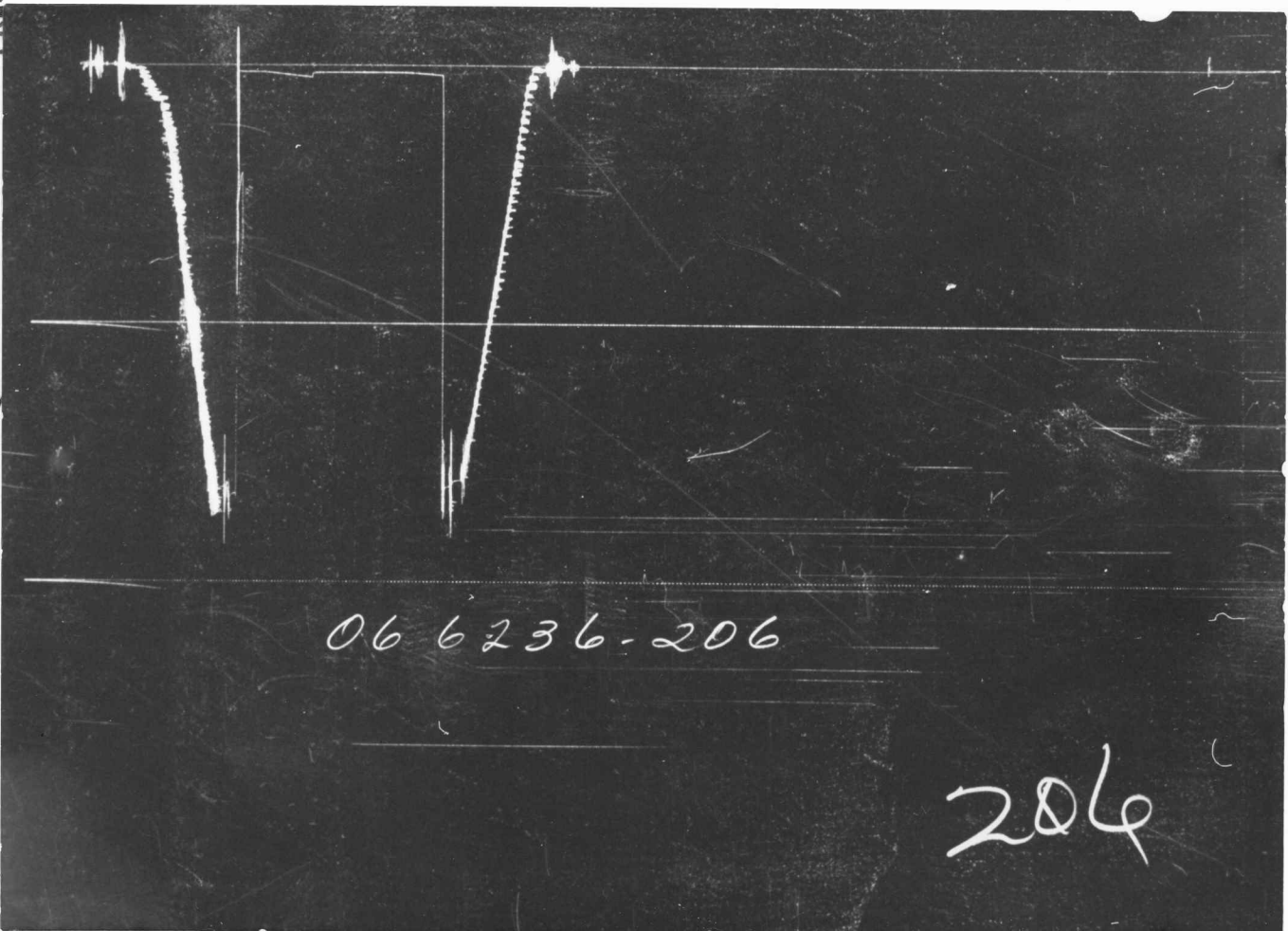
10° each circle

PRESSURE



TIME

PRESSURE



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

Flow Time	1st 15 Min.	2nd 45 Min.	Date	1-23-69	Ticket Number	066237 - S
Closed In Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field	Office Corrected	Tester	MR. HUGHES	Witness	MR. MC COLLUM
Depth Top Gauge	3186 Ft.	NO Blanked Off	Drilling Contractor	LEBEN DRILLING INCORPORATED	IC	
BT. P.R.D. No.	375	12 Hour Clock	Elevation	1973' K.B.	Top Packer	-
Initial Hydro Mud Pressure	-	1769	Total Depth	3208'	Bottom Packer	3183'
Initial Closed in Pres.	-	1118	Interval Tested	3183'-3208'	Formation Tested	TOPEKA
Initial Flow Pres.	-	1 11	Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot.	-
Final Flow Pres.	-	1 19	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	-	973	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	1025' FLEX WT.
Final Hydro Mud Pressure	-	1758	Mud Weight	10.2	Mud Viscosity	44 W.L. 16
Depth Cen. Gauge	-	Blanked Off	Temperature	3203'@100 °F Est. °F Actual	Anchor Size & Length	ID 3.76" OD 5.00" X 25'
BT. P.R.D. No.	-	Hour Clock	Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	3170' Ft.
Initial Hydro Mud Pres.	-	-	TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.	-	-	Cushion	-		
Initial Flow Pres.	-	1	Recovered	85 Feet of Watery mud		
Final Flow Pres.	-	2	Recovered	Feet of		
Final Closed in Pres.	-	1	Recovered	Feet of		
Final Hydro Mud Pres.	-	2	Recovered	Feet of		
Depth Bot. Gauge	3204 Ft.	YES Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	206	12 Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	1798	1781	Tool Opened	3:30 AM	A.M. P.M.	Tool Closed 5:30 AM A.M. P.M.
Initial Closed in Pres.	1125	1133	Remarks	Opened tool for 15 minute 1st flow with a weak blow. Closed tool for 30 minute initial		
Initial Flow Pres.	19 1 23	37 2 42		closed in pressure. Reopened tool for 45 minute		
Final Flow Pres.	37 1 32	55 2 56		2nd flow with a weak to fair blow. Closed tool		
Final Closed in Pres.	987	989		for 30 minute final closed in pressure.		
Final Hydro Mud Pres.	1778	1772				

FORMATION TEST DATA

9

URBAN
1-A
2
CITIES SERVICE OIL COMPANY
GREAT BEND
Lease Owner/Company Name
County
RUSH
State
KANSAS
Owner's District

Gauge No.		375		Depth		3186'		Clock		12 hour		Ticket No.		066237	
First Flow Period			Initial Closed In Pressure			Second Flow Period			Final Closed In Pressure						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.					
P ₀	.000	11	.000		19	.000	30	.000		44					
P ₁	.022	13	.0203		653	.0604	28	.0207		377					
P ₂	.044	14	.0406		871	.1208	32	.0414		624					
P ₃	.066	16	.0609		959	.1812	35	.0621		741					
P ₄	.088	18	.0812		1011	.2416	40	.0828		813					
P ₅	.110	19	.1015		1044	.3020	44	.1035		861					
P ₆			.1218		1068			.1242		896					
P ₇			.1421		1086			.1449		922					
P ₈			.1624		1100			.1656		943					
P ₉			.1827		1109			.1863		962					
P ₁₀			.2030		1118			.2070		973					

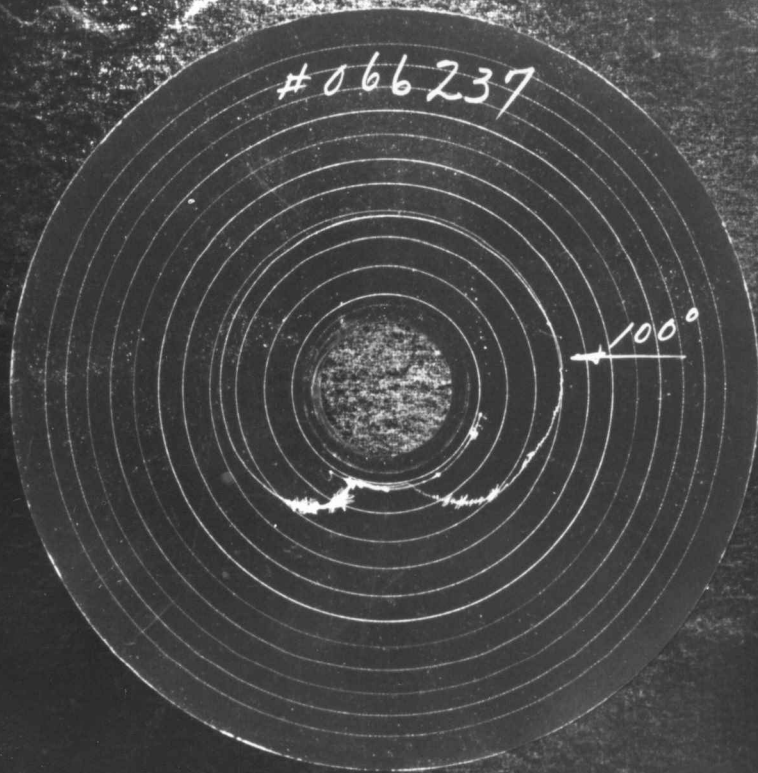
Gauge No.			206			Depth			3204'			Clock			12			hour		
P ₀	.000	23	.000		32	.000	42	.000		56										
P ₁	.022	25	.0204		685	.062	41	.0204		384										
P ₂	.044	27	.0408		892	.124	45	.0408		627										
P ₃	.066	28	.0612		976	.186	49	.0612		752										
P ₄	.088	30	.0816		1026	.248	53	.0816		823										
P ₅	.110	32	.1020		1060	.310	56	.1020		874										
P ₆			.1224		1084			.1224		909										
P ₇			.1428		1102			.1428		936										
P ₈			.1632		1115			.1632		958										
P ₉			.1836		1126			.1836		974										
P ₁₀			.2040		1133			.2040		989										
Reading Interval			3			9			3			Minutes								

REMARKS:

SPECIAL PRESSURE DATA

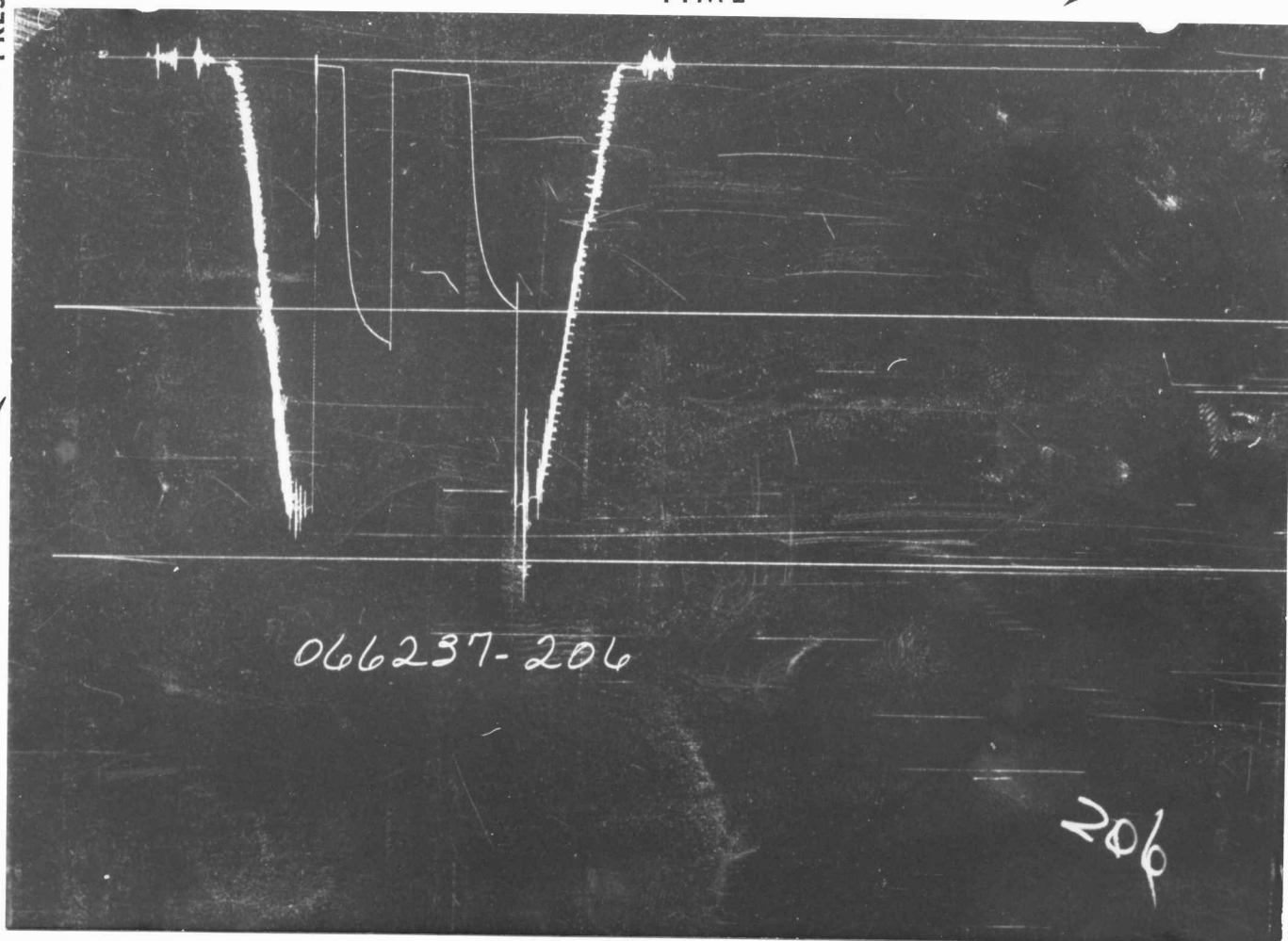
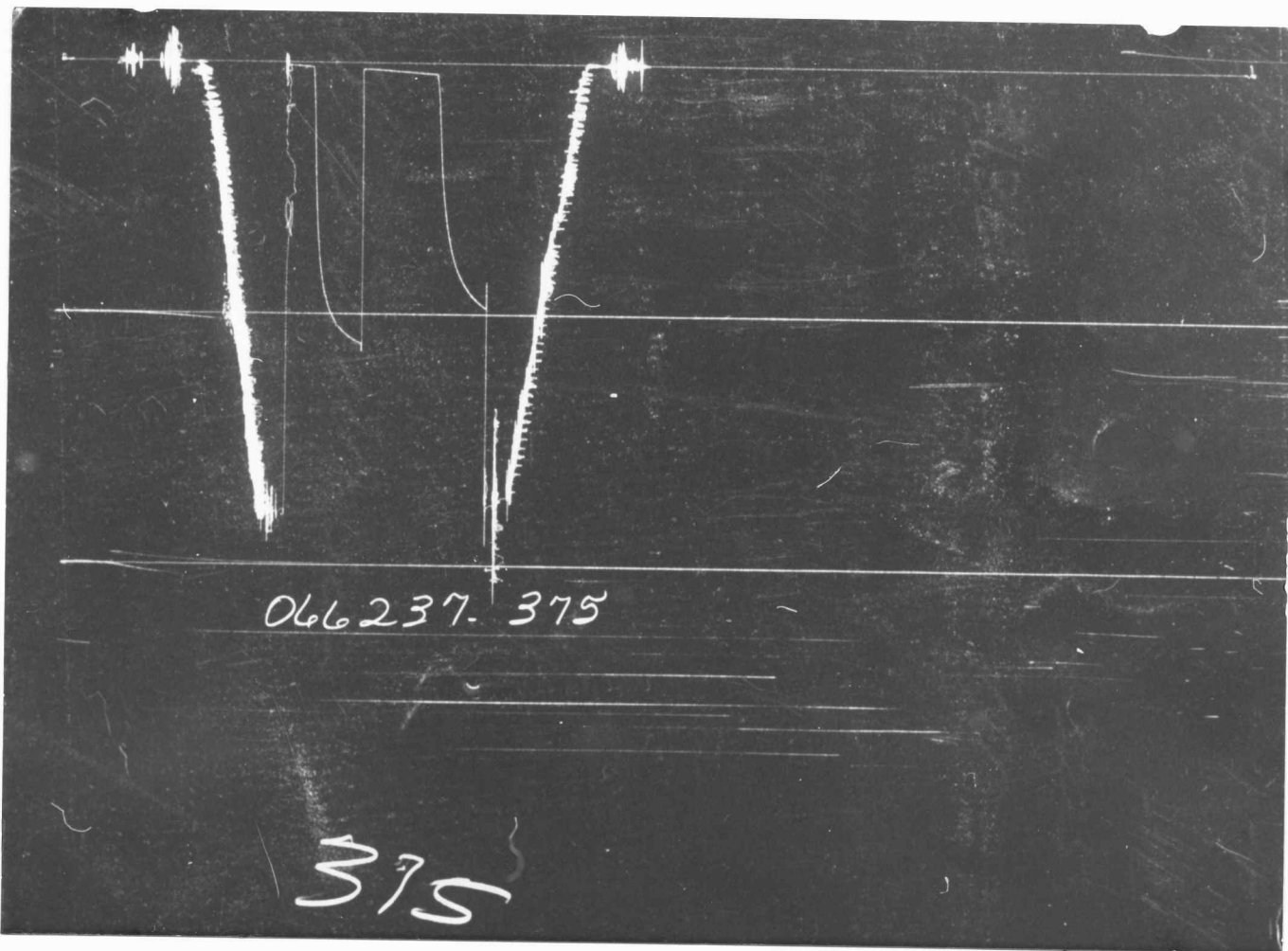
9

TEMPERATURE RECORDER CHART



10° each circle

↑ PRESSURE ↓



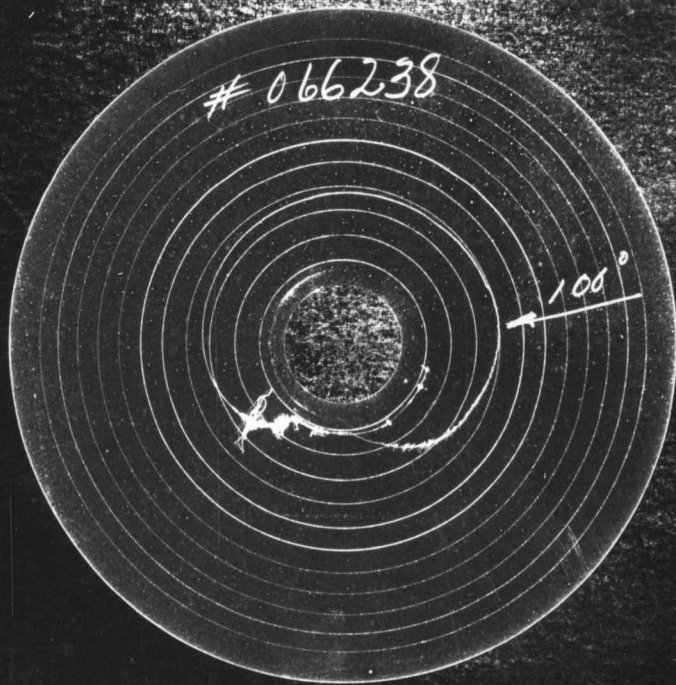
Each Horizontal Line Equal to 1000 p.s.i.

Flow Time	1st 15 Min.	2nd 45 Min.	Date	1-23-69	Ticket Number	066238	Legal Location Sec. - Twp. - Rng.	3-16-17	Field Area
Closed In Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS			
Pressure Readings	Field	Office Corrected	Tester	H. D. HUGHES	Witness	FRANK MC CULLON			
Depth Top Gauge	3257 Ft.	No Blanked Off	Drilling Contractor	LEBEN DRILLING, INCORPORATED	DH				
BT. P.R.D. No.	375	12 Hour Clock	Elevation	1973' KB	Top Packer	-			
Initial Hydro Mud Pressure		1821	Total Depth	3285'	Bottom Packer	3254'			
Initial Closed in Pres.		34	Interval Tested	3254' - 3285'	Formation Tested	Lower Kansas City			
Initial Flow Pres.		1 12 2 23	Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot. -				
Final Flow Pres.		1 12 2 18	Surface Choke	3/4"	Bottom Choke	3/4"			
Final Closed in Pres.		23	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	I.D. - LENGTH 1025' Flex WT.			
Final Hydro Mud Pressure		1796	Mud Weight	10.3	Mud Viscosity	42 W.L. 10.6			
Depth Cen. Gauge			Temperature	3280' - 100°F Actual	Anchor Size & Length	ID 3.76" OD 5" X 31'			
BT. P.R.D. No.			Depths Mea. From	Kelly Bushing	Depth of Tester Valve	3241' Ft.			
Initial Hydro Mud Pres.			Cushion	-	Depth Back Pres. Valve	-			
Initial Closed in Pres.			Recovered	10' Feet of mud					
Initial Flow Pres.		1	Recovered	Feet of					
Final Flow Pres.		1	Recovered	Feet of					
Final Closed in Pres.			Recovered	Feet of					
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity				
Depth Bot. Gauge	3282 Ft.	Yes Blanked Off	Gas Gravity		Surface Pressure	psi			
BT. P.R.D. No.	206	12 Hour Clock	Tool Opened	1:45 AM	A.M. P.M. Tool Closed	3:45 AM A.M. P.M.			
Initial Hydro Mud Pres.	1818	1833	Remarks	Opened tool for 15 minute first flow with a					
Initial Closed in Pres.	49	48	weak blow. Closed tool for 30 minute initial						
Initial Flow Pres.	19	1 25 2 35	closed in pressure. Reopened tool for 45 minute						
Final Flow Pres.	29	1 25 2 35	final flow with a very weak blow, dead in 15 minute						
Final Closed in Pres.	39	36	Closed tool for 30 minute final closed in pressure.						
Final Hydro Mud Pres.	1798	1808							

FORMATION TEST DATA

9

TEMPERATURE
RECORDER
CHART

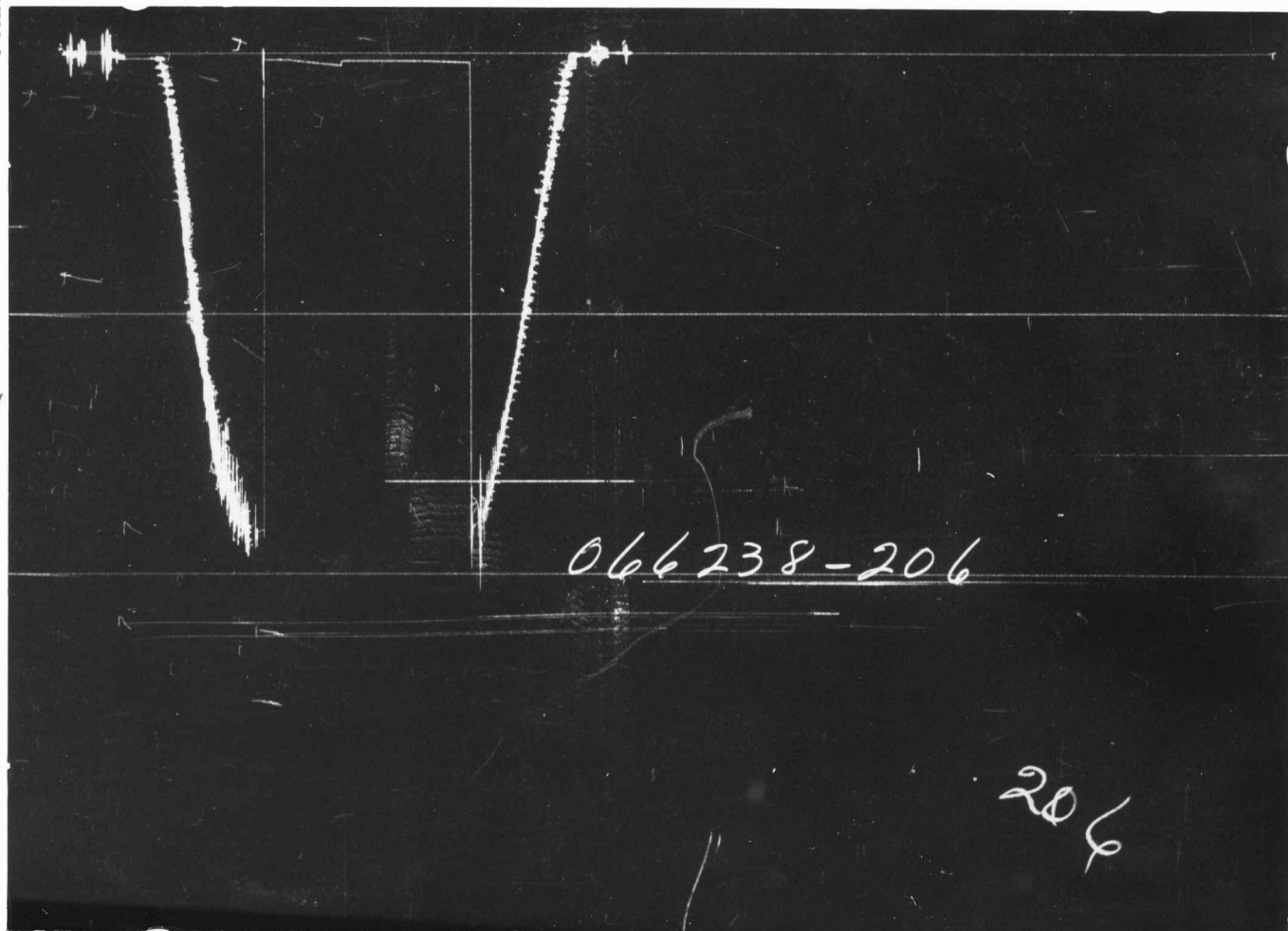
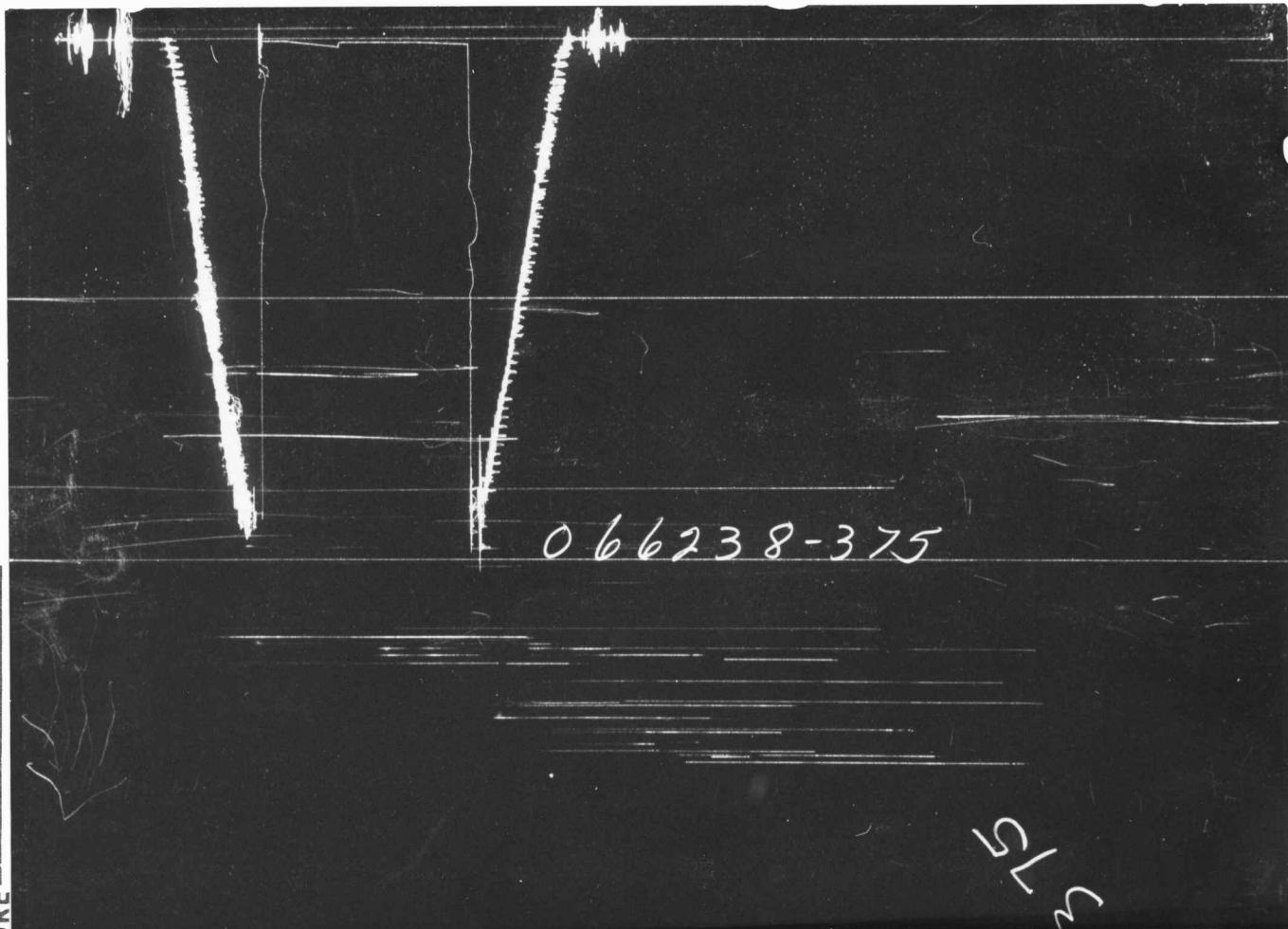


10° each circle

PRESSURE



TIME



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

Flow Time	1st 15	Min.	2nd 45	Min.	Date	1-24-69	Ticket Number	066239 - S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field		Office Corrected		Tester	MR. HUGHES	Witness	MR. MC CULLOM
Depth Top Gauge	3301	Ft.	NO Blanked Off		Drilling Contractor	LEBEN DRILLING INCORPORATED IC		
BT. P.R.D. No.	375		12	Hour Clock	Elevation	1973' K.B.	Top Packer	-
Initial Hydro Mud Pressure	-		1811		Total Depth	3332'	Bottom Packer	3298'
Initial Closed in Pres.	-		1172		Interval Tested	3298' - 3332'	Formation Tested	LOWER KANSAS CITY
Initial Flow Pres.	-	1	12		Casing or Hole Size	7 7/8"	Casing Perfs. { Top Bot.	-
Final Flow Pres.	-	1	19		Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.	-		1149		Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	1025' FLEX WT.
Final Hydro Mud Pressure	-		1799		Mud Weight	10.3	Mud Viscosity	45 W.L. 11.2
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	3327' @ 100°F Actual	Anchor Size & Length	ID 3.76" OD 5.00" X 34'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	KELLY RUSHTNGS	Depth of Tester Valve	3285' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Cushion	-		-
Initial Flow Pres.		1			Recovered	60	Feet of	Muddy saltwater
Final Flow Pres.		2			Recovered		Feet of	
Final Closed in Pres.		1			Recovered		Feet of	
Final Hydro Mud Pres.		2			Recovered		Feet of	
Depth Bot. Gauge	3329	Ft.	YES	Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	206		12	Hour Clock	Tool Opened	4:30 PM	Tool Closed	6:30 PM
Initial Hydro Mud Pres.	1838		1828		Remarks	Opened tool for 15 minute 1st flow with a		
Initial Closed in Pres.	1184		1188			weak blow. Closed tool for 30 minute initial		
Initial Flow Pres.	21	1	29			closed in pressure. Reopened tool for 45 minute		
Final Flow Pres.	37	2	42			2nd flow with a weak blow. Closed tool for 30		
Final Closed in Pres.	1164		1167			minute final closed in pressure.		
Final Hydro Mud Pres.	1798		1816					

FORMATION TEST DATA

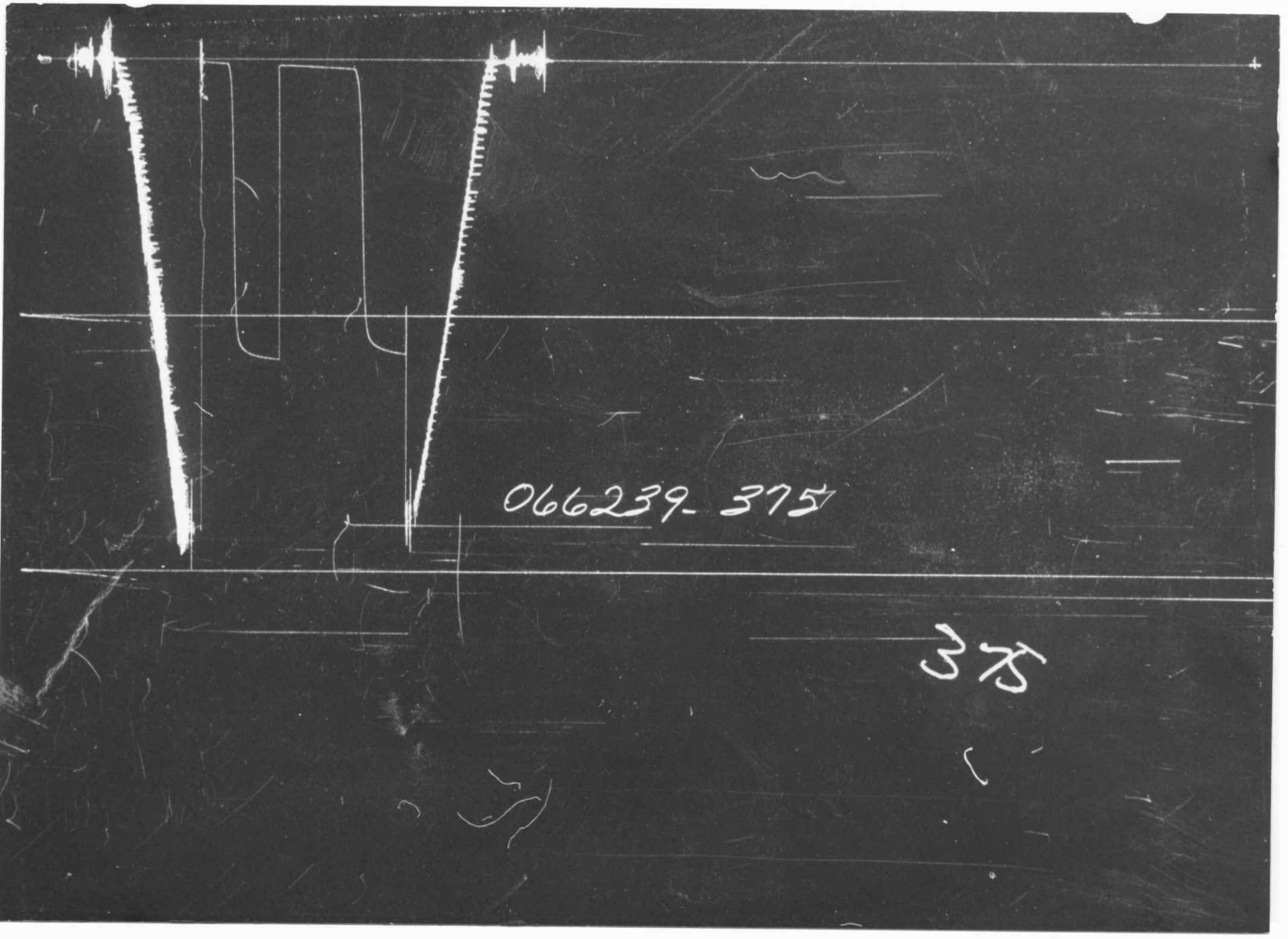
9

TEMPERATURE
RECORDER
CHART

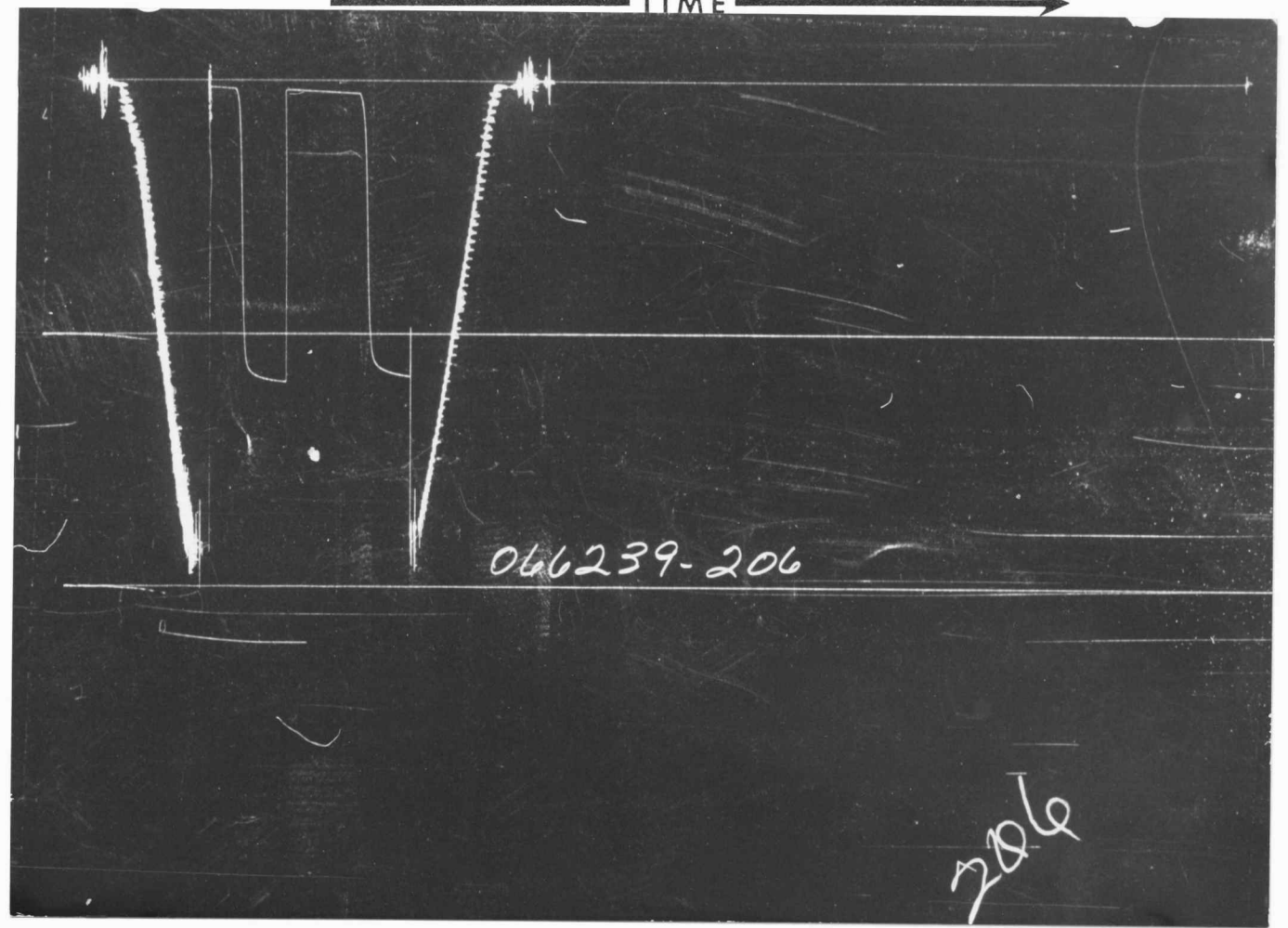


10° each circle

PRESSURE



TIME



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

Flow Time	1st Min. 30	2nd Min. 30	Date	1-25-69	Ticket Number	066309-S
Closed In Press. Time	1st Min. 30	2nd Min. 30	Kind of Job	Open hole	Halliburton District	Hays
Pressure Readings	Field	Office Corrected	Tester	A. Weatherbee	Witness	Mr. Frank MC CULLOUGH
Depth Top Gauge	3333' Ft.	Blanked Off no	Drilling Contractor	LEBEN DRILLING COMPANY	IC sm	Rig #4
BT. P.R.D. No.	206	12 Hour Clock	Elevation	1973' KB	Top Packer	-
Initial Hydro Mud Pressure		1819	Total Depth	3380'	Bottom Packer	3335'
Initial Closed in Pres.		1114	Interval Tested	3335-3380'	Formation Tested	Lower Kansas City
Initial Flow Pres.	1 13	2 32	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	
Final Flow Pres.	1 23	2 36	Surface Choke	1/4"	Bottom Choke	3/4"
Final Closed in Pres.		1057	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	930' flex wt.
Final Hydro Mud Pressure		1815	Mud Weight	10.5	Mud Viscosity	45
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	101 °F Est. 3375' @ 101° °F Actual	Anchor Size & Length	ID 2.7/8" X 45" OD 5"
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly bushing	Depth of Tester Valve	3331' Ft.
Initial Hydro Mud Pres.			Cushion	none	Depth Back Pres. Valve	Ft.
Initial Closed in Pres.			Recovered	57 Feet of	thin mud	
Initial Flow Pres.	1	2	Recovered	Feet of		
Final Flow Pres.	1	2	Recovered	Feet of		
Final Closed in Pres.			Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	3377 Ft.	Blanked Off yes	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	375	12 Hour Clock	Tool Opened	9:05 A.M. P.M.	Tool Closed	11:05 A.M. P.M.
Initial Hydro Mud Pres.	1868	1838	Remarks	Tool opened with a weak blow for a 30		
Initial Closed in Pres.	1125	1129	minute first flow. Closed in for a 30 minute			
Initial Flow Pres.	29 1 32	39 2 52	initial closed in pressure. Tool reopened with			
Final Flow Pres.	39 1 40	54 2 54	no blow. Took a 30 minute final closed in			
Final Closed in Pres.	1061	1072	pressure.			
Final Hydro Mud Pres.	1863	1833				

FORMATION TEST DATA

URBAN
Legal Location
Sec. - Twp. - Rng.
Loose Name
SE-NE-SW 3-16-17
1-A
Well No.
5
Test No.
CITIES SERVICE OIL COMPANY
Loose Owner/Company Name
County
RUSH
State
KANSAS
Owner's District
RUSSELL

Gauge No. 206			Depth 3333'			Clock 12 hour			Ticket No. 066309		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	
P ₀	.000	13	.000		23	.000	32	.000		36	
P ₁	.0428	14	.0208		113	.196	36	.0203		71	
P ₂	.0856	16	.0416		442			.0406		174	
P ₃	.1284	18	.0624		751			.0609		441	
P ₄	.1712	20	.0832		906			.0812		689	
P ₅	.2140	23	.1040		978			.1015		838	
P ₆			.1248		1029			.1218		925	
P ₇			.1456		1062			.1421		974	
P ₈			.1664		1084			.1624		1013	
P ₉			.1872		1102			.1827		1039	
P ₁₀			.2080		1114			.2030		1057	

Gauge No. 375			Depth 3377'			Clock 12 hour				
P ₀	.000	32	.000		40	.000	52	.000		54
P ₁	.0434	33	.021		125	.201	54	.0202		97
P ₂	.0868	35	.042		427			.0404		227
P ₃	.1302	36	.063		755			.0606		488
P ₄	.1736	38	.084		912			.0808		720
P ₅	.2170	40	.105		992			.1010		866
P ₆			.126		1043			.1212		948
P ₇			.147		1076			.1414		994
P ₈			.168		1100			.1616		1029
P ₉			.189		1116			.1818		1053
P ₁₀			.210		1129			.2020		1072

Reading Interval	6		3				3	Minutes
REMARKS:								

SPECIAL PRESSURE DATA

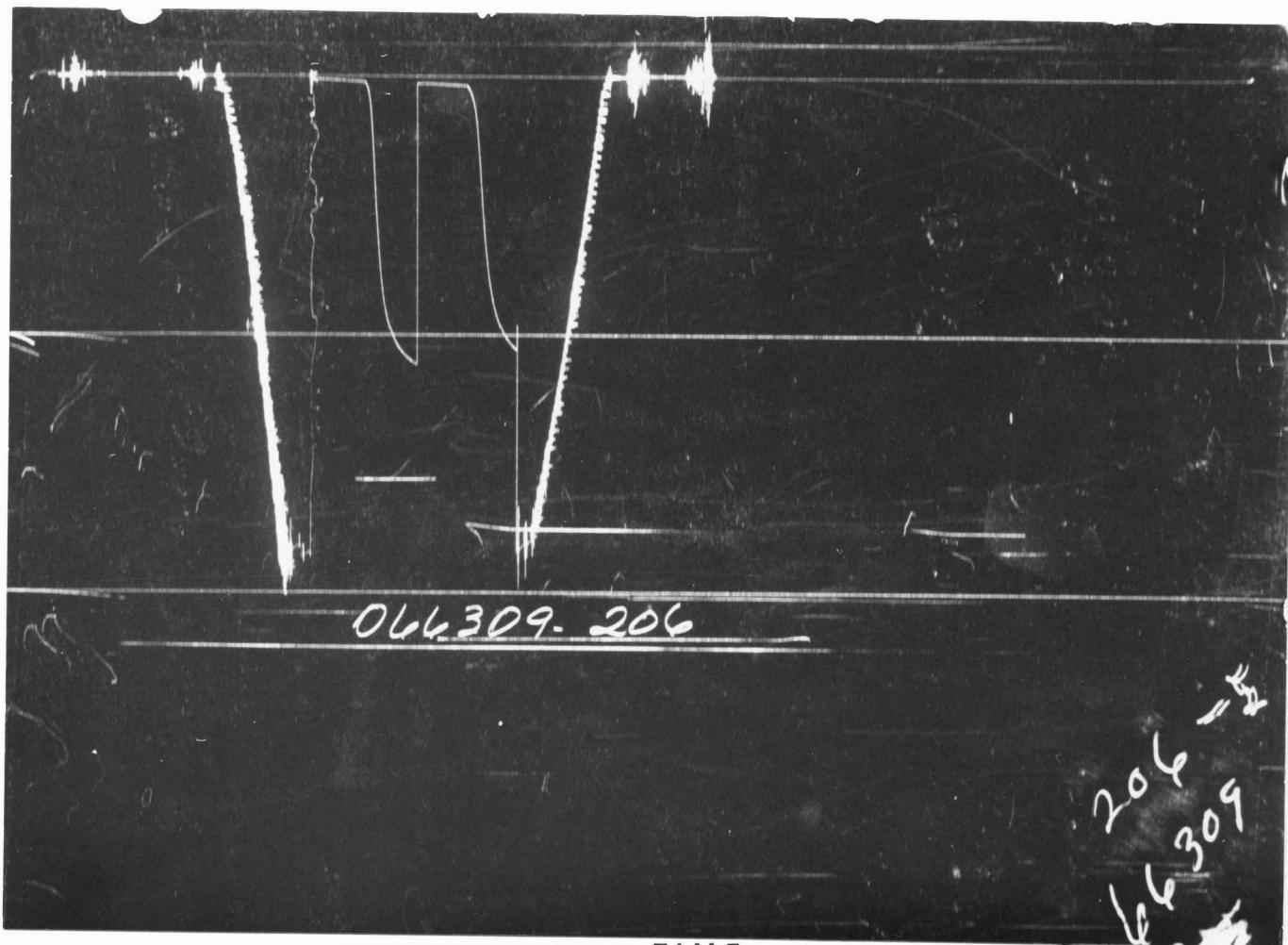
9

TEMPERATURE
RECORDER
CHART

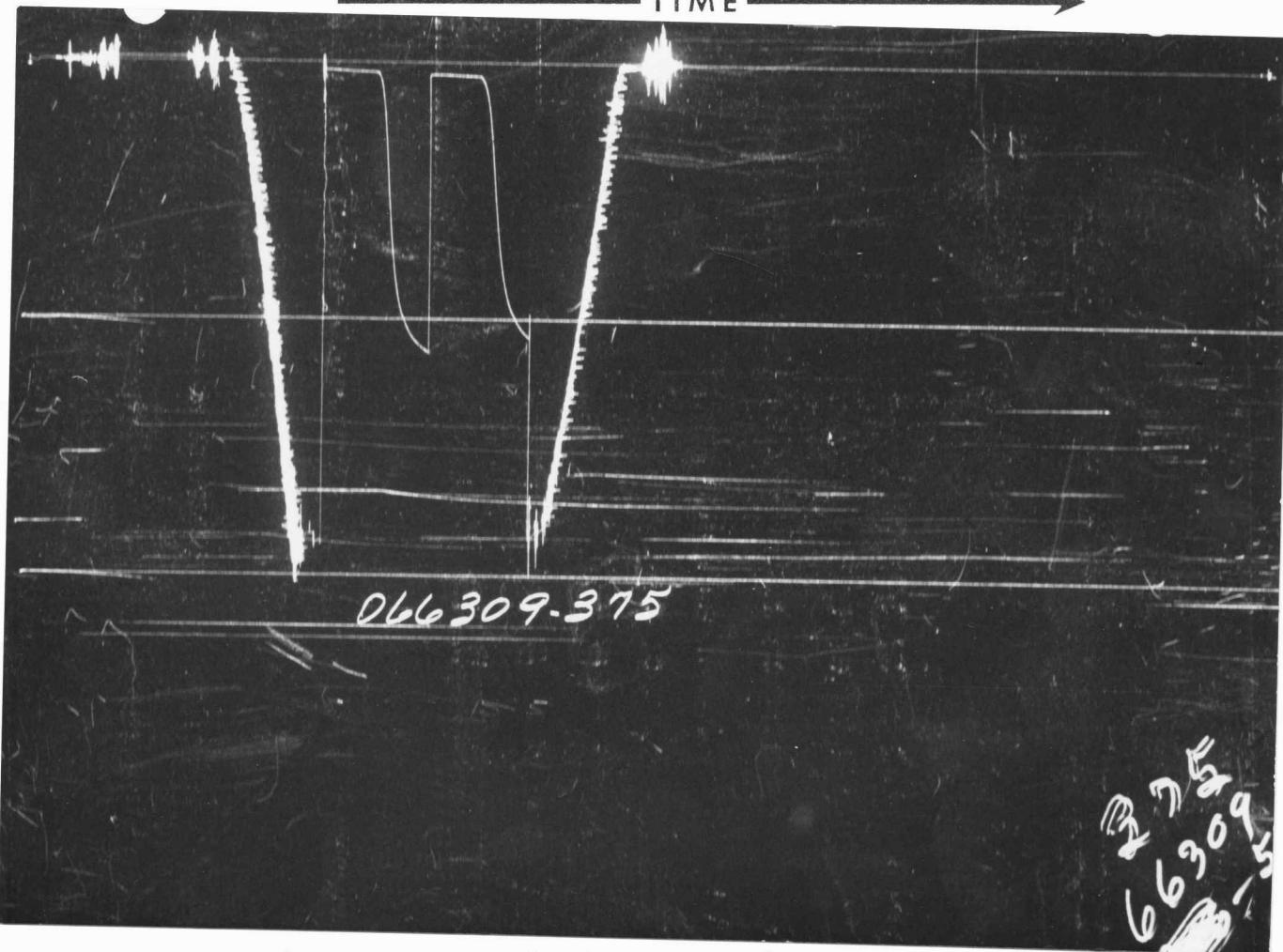


10° each circle

PRESSURE



TIME



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

Flow Time	1st 30 Min.	2nd 30 Min.	Date	1-26-69	Ticket Number	066310
Closed In Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field	Office Corrected	Tester	A. WEATHERBEE	Witness	FRANK MC CULLEN
Depth Top Gauge	3380 Ft.	No Blanked Off	Drilling Contractor	LEBEN DRILLING COMPANY #4	DH	
BT. P.R.D. No.	375	12 Hour Clock	Elevation	1973' KB	Top Packer	-
Initial Hydro Mud Pressure		1815	Total Depth	3419'	Bottom Packer	3382'
Initial Closed in Pres.		35	Interval Tested	3382' - 3419'	Formation Tested	LOWER KANSAS CITY
Initial Flow Pres.	1 11	2 19	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-
Final Flow Pres.	1 11	2 18	Surface Choke	3/4"	Bottom Choke	3/4"
Final Closed in Pres.		23	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	930' FLEX WT.
Final Hydro Mud Pressure		1815	Mud Weight	10.5	Mud Viscosity	45
Depth Cen. Gauge		Blanked Off	Temperature	101 °F Est. 3414' - 100° Actual	Anchor Size & Length	ID 2 7/8" OD 5" X 37'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly Bushing	Depth of Tester Valve	3378' Ft.
Initial Hydro Mud Pres.			Cushion	- Ft.	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Recovered	20' Feet of mud		
Initial Flow Pres.	1	2	Recovered	Feet of		
Final Flow Pres.	1	2	Recovered	Feet of		
Final Closed in Pres.			Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	3416' Ft.	Yes Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	206	12 Hour Clock	Tool Opened	24:00 A.M. P.M.	Tool Closed	2:00 A.M. P.M.
Initial Hydro Mud Pres.	1828	1835	Remarks	Opened tool for 30 minute first flow with a		
Initial Closed in Pres.	54	56		weak blow. Closed tool for 30 minute initial close		
Initial Flow Pres.	29 1 34	34 2 40		in pressure. Reopened tool for 30 minute final		
Final Flow Pres.	34 1 31	34 2 38		flow with no blow. Closed tool for 30 minute final		
Final Closed in Pres.	41	43		closed in pressure.		
Final Hydro Mud Pres.	1823	1835				

FORMATION TEST DATA

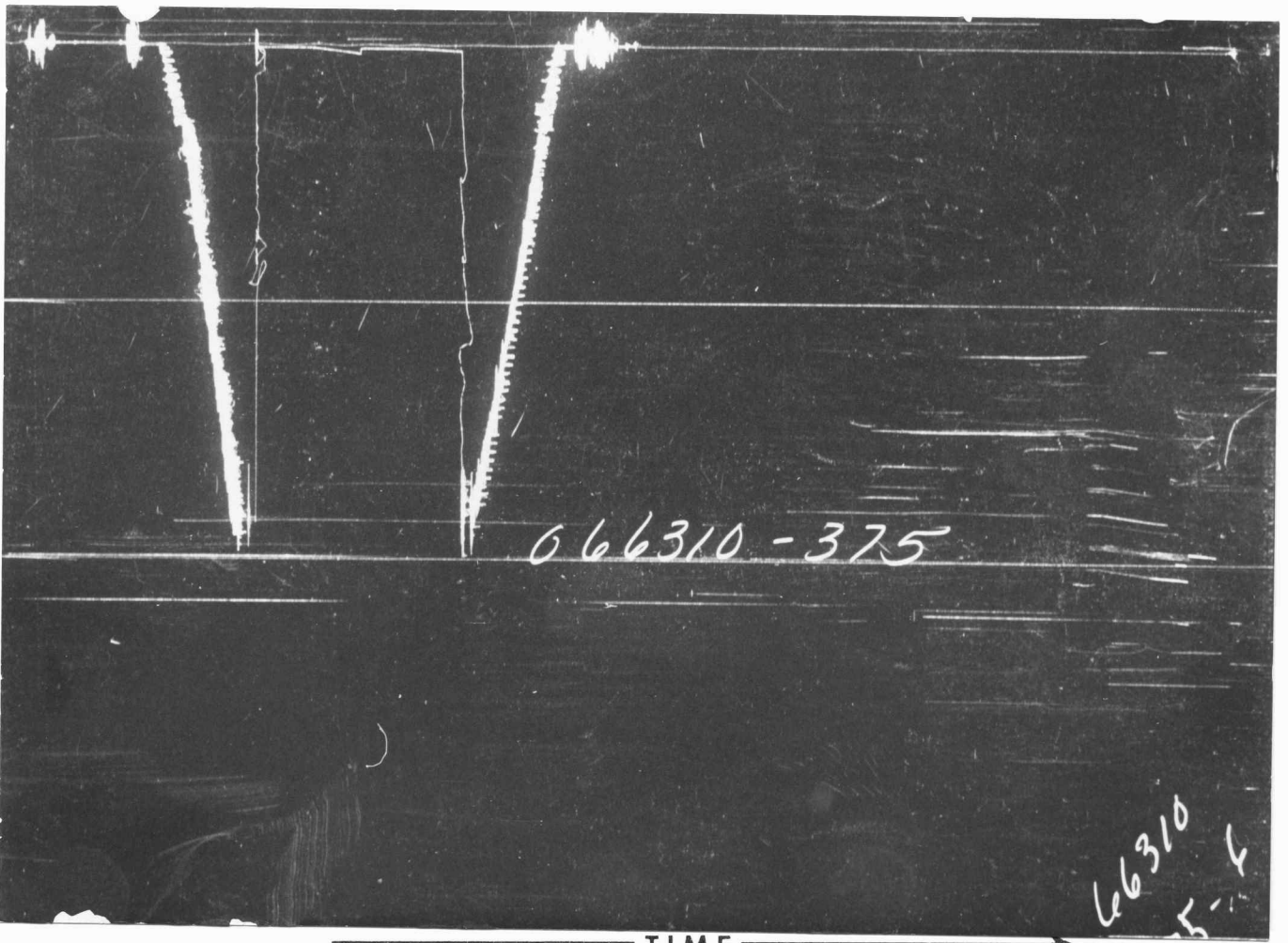
URBAN
1 "A"
6
CITIES SERVICE OIL COMPANY
RUSH
KANSAS
GREAT BEND
Owner's District

TEMPERATURE
RECORDER
CHART

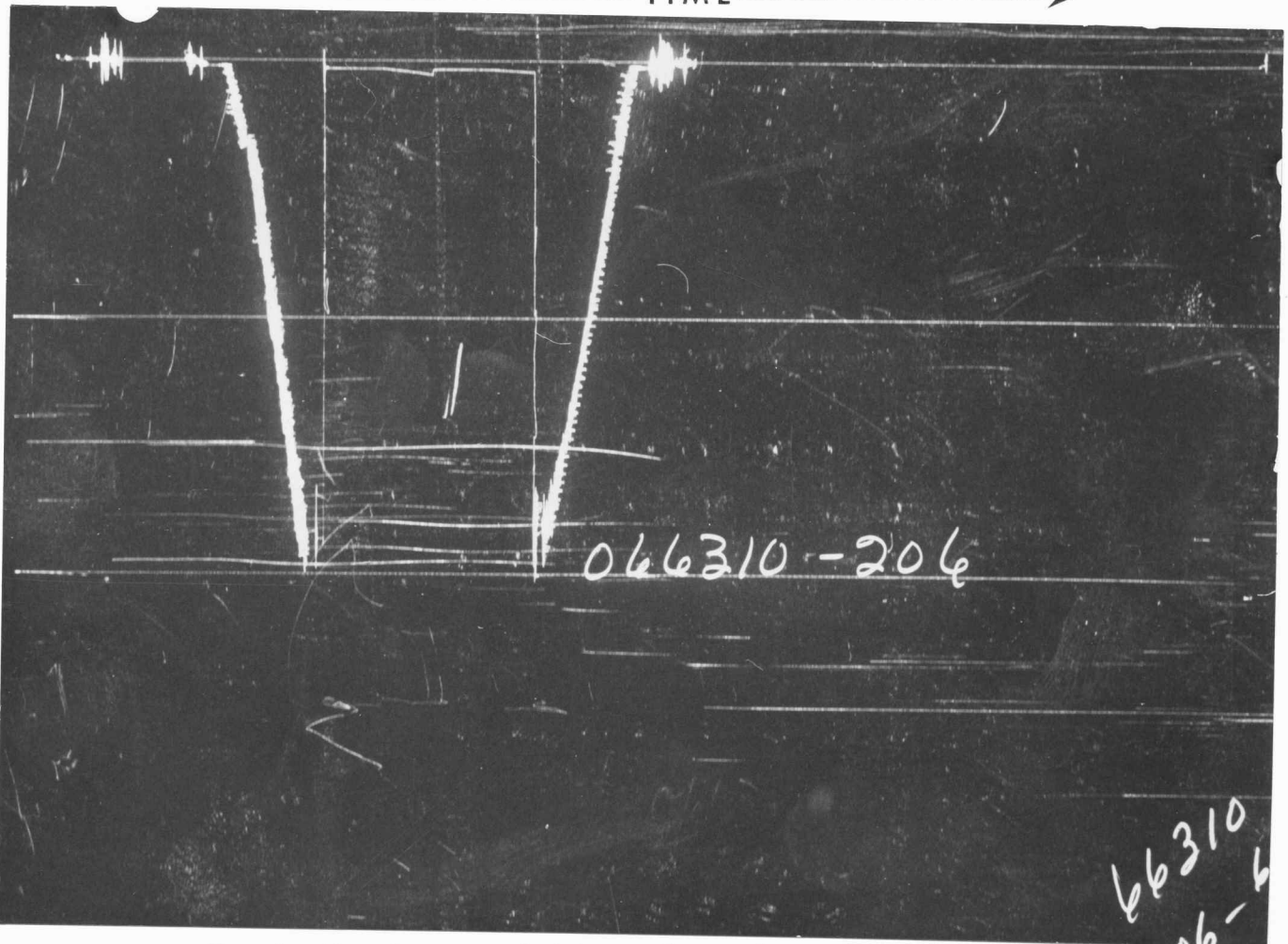


10° each circle

PRESSURE



TIME



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

Flow Time	1st Min. 30	2nd Min. 30	Date	1-26-69	Ticket Number	066311
Closed In Press. Time	1st Min. 30	2nd Min. 30	Kind of Job	OPEN HOLE	Halliburton District	HAYS
Pressure Readings	Field	Office Corrected	Tester	A. WEATHERBEE	Witness	FRANK MC CULLOCH
Depth Top Gauge	3431 Ft.	No Blanked Off	Drilling Contractor	LEBEN DRILLING COMPANY #4 dh		
BT. P.R.D. No.	375	12 Hour Clock	Elevation	1973' KB	Top Packer	-
Initial Hydro Mud Pressure		1827	Total Depth	3500'	Bottom Packer	3433'
Initial Closed in Pres.		23	Interval Tested	3433' - 3500'	Formation Tested	LOWER KANSAS CITY
Initial Flow Pres.	1 8	2 19	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-
Final Flow Pres.	1 10	2 17	Surface Choke	3/4"	Bottom Choke	3/4"
Final Closed in Pres.		17	Size & Kind Drill Pipe	4 1/2" FH	Drill Collars Above Tester	930' Flex WT.
Final Hydro Mud Pressure		1827	Mud Weight	10.1	Mud Viscosity	37
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	102 °F Est. 3495' - 105 °F Actual	Anchor Size & Length	ID 2 7/8" - 2 1/2" OD 5" ? X 36' - 31'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Kelly Bushing	Depth of Tester Valve	3429' Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Cushion	- Ft.		
Initial Flow Pres.	1		Recovered	10' Feet of mud		
Final Flow Pres.	2		Recovered	Feet of		
Final Closed in Pres.	1		Recovered	Feet of		
Final Hydro Mud Pres.	2		Recovered	Feet of		
Oil A.P.I. Gravity			Water Spec. Gravity			
Gas Gravity			Surface Pressure			psi
Tool Opened	19:15 A.M.		Tool Closed	21:15 A.M.		
Remarks	Opened tool for 30 minute first flow with a weak blow, dead in 20 minute. Closed tool for 30 minute initial closed in pressure. Reopened tool for 30 minute final flow with no blow. Closed tool for 30 minute final closed in pressure.					

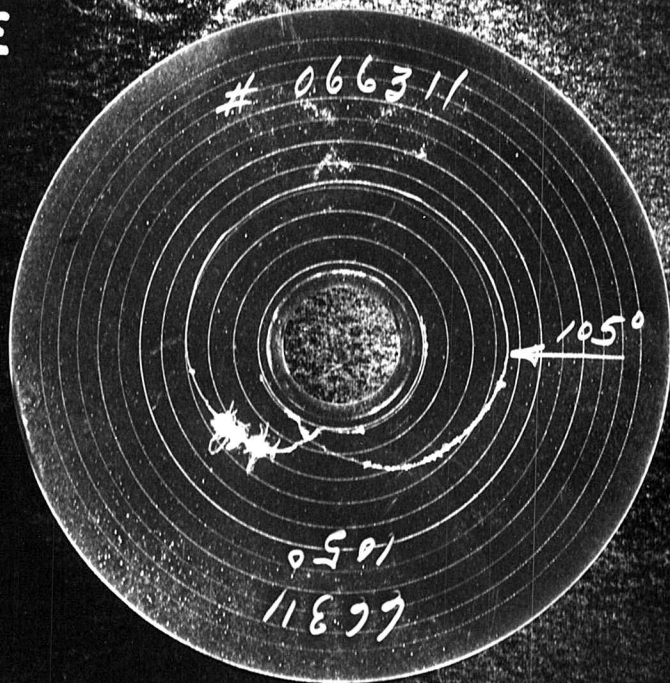
FORMATION TEST DATA

Legal Location Sec. - Twp. - Range CH SE-NE-SW
Field Area
County RUSH
State KANSAS

URBAN
Lease Name
1 "A"
Well No.
7
Test No.
CITIES SERVICE OIL COMPANY
Lease Owner/Company Name
GREAT BEND
Owner's District

9

TEMPERATURE
RECORDER
CHART



10° each circle

↑
PRESSURE
↓

TIME →

06634-375

66311
375-7

066311-206

66311
206-7

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