

SUPERIOR TESTERS, INC.

205 CENTRAL BLDG., WICHITA, KANSAS

Date 3/6/64 Ticket No. 519 Elevation 2410 DF

Total Depth 5132 Tested From 5108 To 5132 Formation Tested Conglomerate

Blow Fair blow

Mud Wt. 10.1 Viscosity 48 Bottom Hole Temp -

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4 1/2" FH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 20 Min Tool Open 1 Hr 30 Min Final Shut in Time 20 Min

Recovery 35' of mud

Office Corrected Pressure Reading

Initial Shut in Pressure 235 Lbs

Initial Flow Pressure 40 Lbs

Final Flow Pressure 45 Lbs

Final Shut in Pressure 60 Lbs

Initial Hydrostatic Pressure 2795 Lbs

Final Hydrostatic Pressure 2785 Lbs

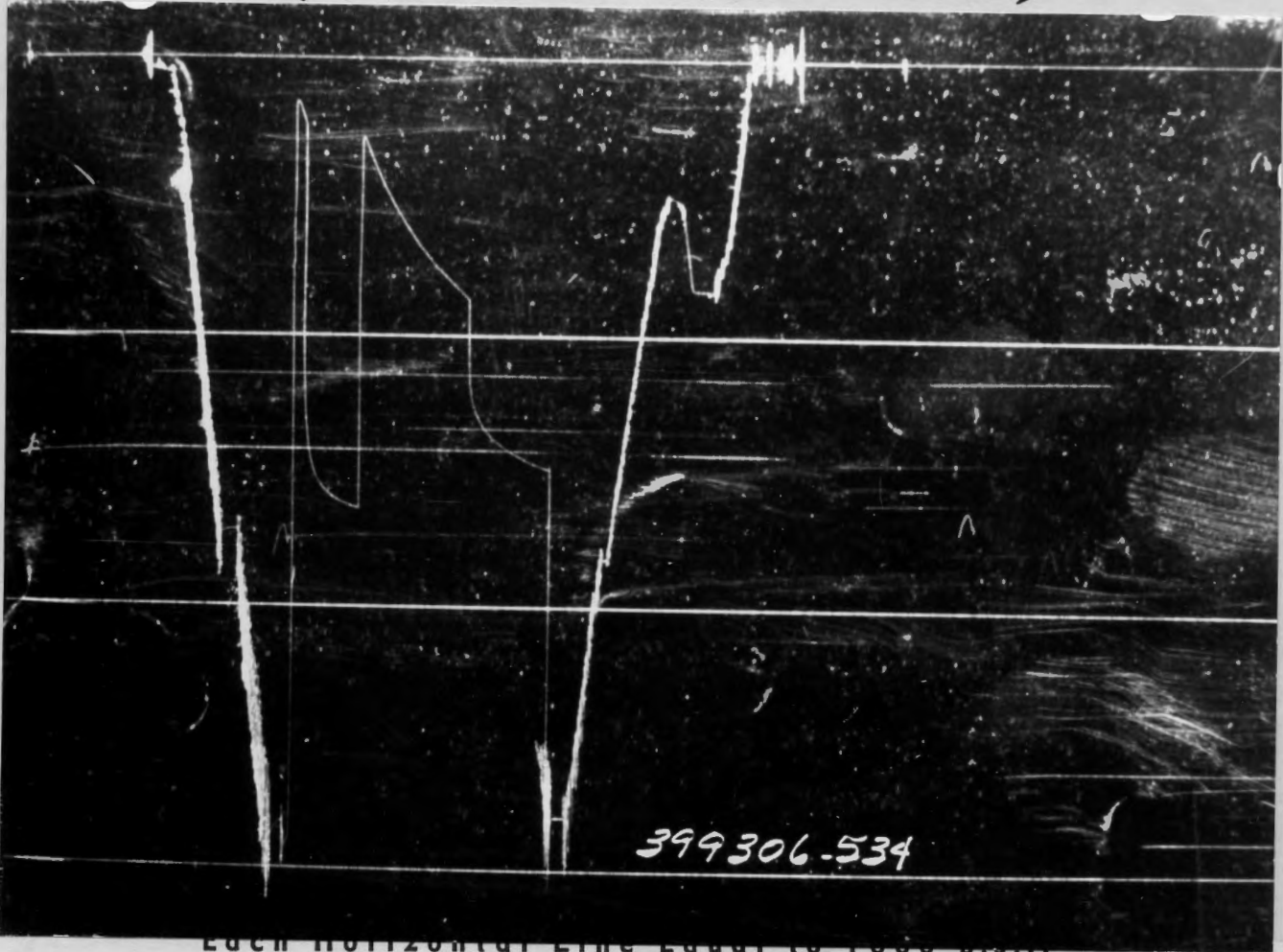
Remarks Extra Equipment - Jars & Safety Joint

Witnessed By Gerald Zorger

Tool Operator R. L. Budig

Location C, NW, NW 10-298-21W Name of Lease Kneller Well No. 1 Test No. 1 Company Jones-Gebert Oil, Inc.
County Ford State Kansas

PRESSURE



EACH HORIZONTAL LINE EQUAL TO 1000 PSI.

Flow Time	1st Min. 5	2nd Min. 60	Date	3-8-64	Ticket Number	399306 S
Closed In Press. Time	1st Min. 30	2nd Min. 45	Kind of Job	OPEN HOLE TEST	Halliburton District	PRATT
Pressure Readings	Field	Office Corrected	Tester	MR. SHAUERS	Witness	GERRY ZORGER
Depth Top Gauge	5167 Ft.	Blanked Off NO	Drilling Contractor	COMPANY TOOLS		
BT. P.R.D. No.	533	Hour Clock 12	Elevation	5167 2410' D.F.	Top Packer	5181'
Initial Hydro Mud Pressure	2753	2770	Total Depth	5276'	Bottom Packer	5186'
Initial Closed in Pres.	1588	1592	Interval Tested	5186'-5276'	Formation Tested	MISSISSIPPI
Initial Flow Pres.	172	102	Casing or Hole Size	7 7/8"	Casing } Top	
	1	234			Perfs. } Bot.	
Final Flow Pres.	792	192	Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	1426	1445	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	I.D. - LENGTH
Final Hydro Mud Pressure	2734	2746	Mud Weight	9.9	Mud Viscosity	49
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	122	*F Est. Anchor Size ID 3.84" X	*F Actual OD 5.00" 32'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	DERRICK FLOOR	Depth of Tester Valve	58' D.C. Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	Ft.
Initial Closed in Pres.			Cushion	-		
Initial Flow Pres.	1		Recovered	1740	Feet of Saltwater	
Final Flow Pres.	2		Recovered		Feet of	
Final Closed in Pres.	1		Recovered		Feet of	
Final Hydro Mud Pres.			Recovered		Feet of	
Depth Bot. Gauge	5272 Ft.	Blanked Off YES	Oil A.P.I. Gravity	-	Water Spec. Gravity	1.110
BT. P.R.D. No.	534	Hour Clock 12	Gas Gravity	-	Surface Pressure	psi
Initial Hydro Mud Pres.	2852	2821	Tool Opened	2:29 PM	A.M. Tool Closed	4:49 PM A.M.
Initial Closed in Pres.	1619	1637	Remarks Opened tool for 5 minute 1st flow at 2:29			
Initial Flow Pres.	183	160	for 5 minute 1st flow with good blow. Closed			
Final Flow Pres.	829	241	tool at 2:34 for 30 minute initial closed in			
Final Closed in Pres.	1471	1490	pressure. Reopened tool at 3:04 for 60 minute 2nd			
Final Hydro Mud Pres.	2822	2798	flow with good blow decreasing to fair at end of			
			test. Closed tool for 45 minute final closed in			

FORMATION TEST DATA

pressure.

5

Legal Location Sec. 10 - King. C-10-NW-29-21
 Lease Name MUETTER
 Well No. WILDCAT
 Field Area FORD
 County FORD
 State KANSAS
 Lease Owner/Company Name JONES & GEBERT OIL COMPANY
 Owner's District KANSAS

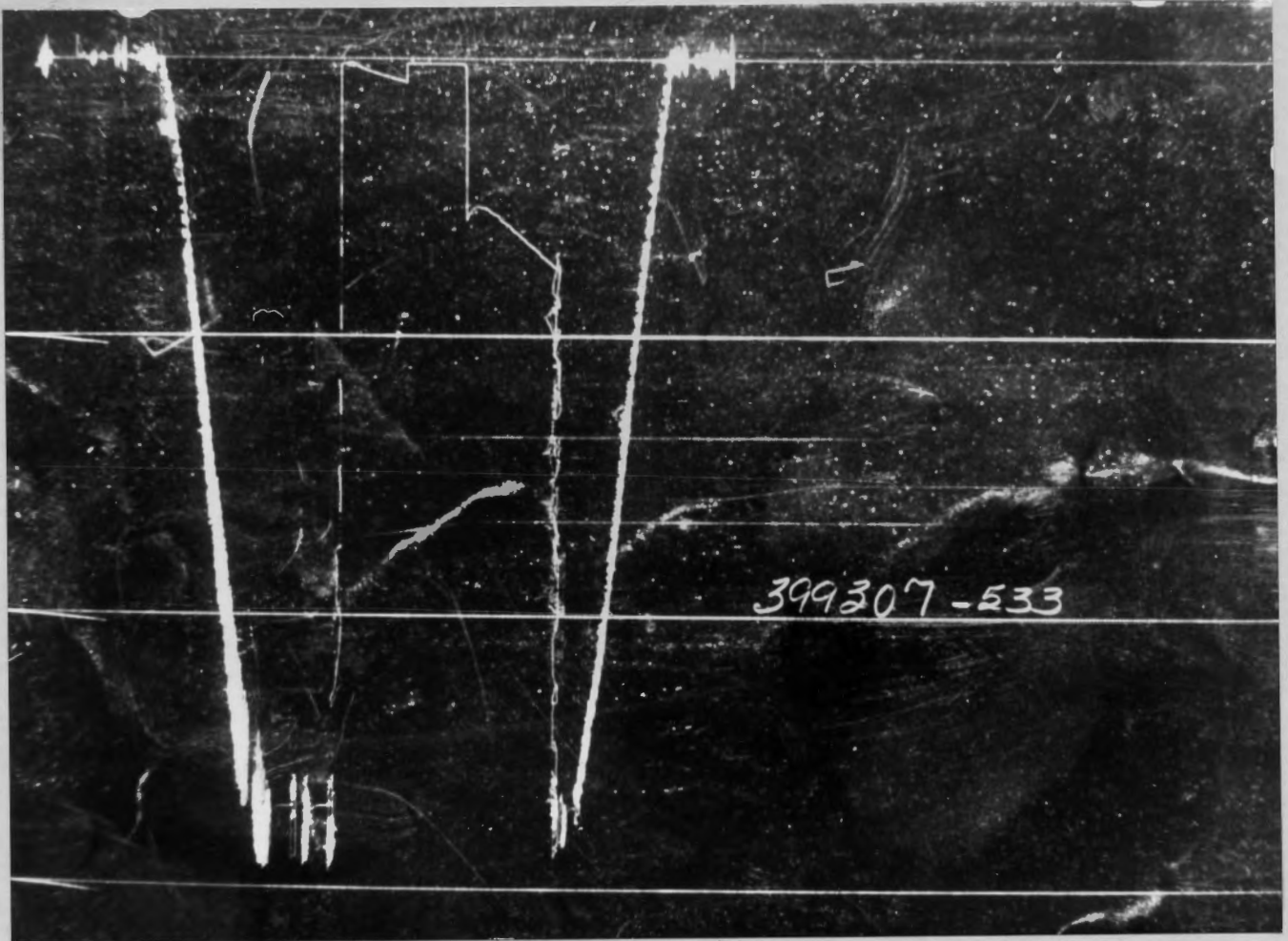
Gauge No. 533		Depth 5167'			Clock 12 hour		Ticket No. 399306			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	102	.000		192	.000	234	.000		823
P ₁	.008	107	.0212		1342	.1045	451	.0306		1235
P ₂	.016	123	.0424		1448	.2090	608	.0612		1293
P ₃	.024	145	.0636		1494	.3135	725	.0918		1328
P ₄	.032	168	.0848		1522	.4180	823	.1224		1355
P ₅	.040	192	.1060		1542			.1530	^{22.1} 3.47	1377
P ₆			.1272		1557			.1836	²⁷ 3.22	1394
P ₇			.1484		1568			.2142	^{31.5} 2.90	1409
P ₈			.1696		1577			.2448	³⁶ 2.67	1423
P ₉			.1908		1585			.2754	^{40.5} 2.48	1435
P ₁₀			.2120		1592			.3060	$\frac{44+45}{45}$ 2.33	1445

Gauge No. 534		Depth 5272'			Clock 12 hour					
	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	160	.000		241	.000	290	.000		869
P ₁	.0072	163	.021		1447	.1025	498	.0315		1288
P ₂	.0144	178	.042		1517	.2050	656	.0630		1343
P ₃	.0216	198	.063		1552	.3075	775	.0945		1378
P ₄	.0288	216	.084		1576	.4100	869	.1260		1401
P ₅	.0360	241	.105		1593			.1575	³⁷	1423
P ₆			.126		1606			.1890	^{37.2}	1440
P ₇			.147		1616			.2205	^{2.90}	1457
P ₈			.168		1624			.2520	^{2.67}	1470
P ₉			.189		1632			.2835	^{2.48}	1480
P ₁₀			.210		1637			.3150	^{2.33}	1490
Reading Interval 1		3			15		4.5			Minutes

REMARKS:

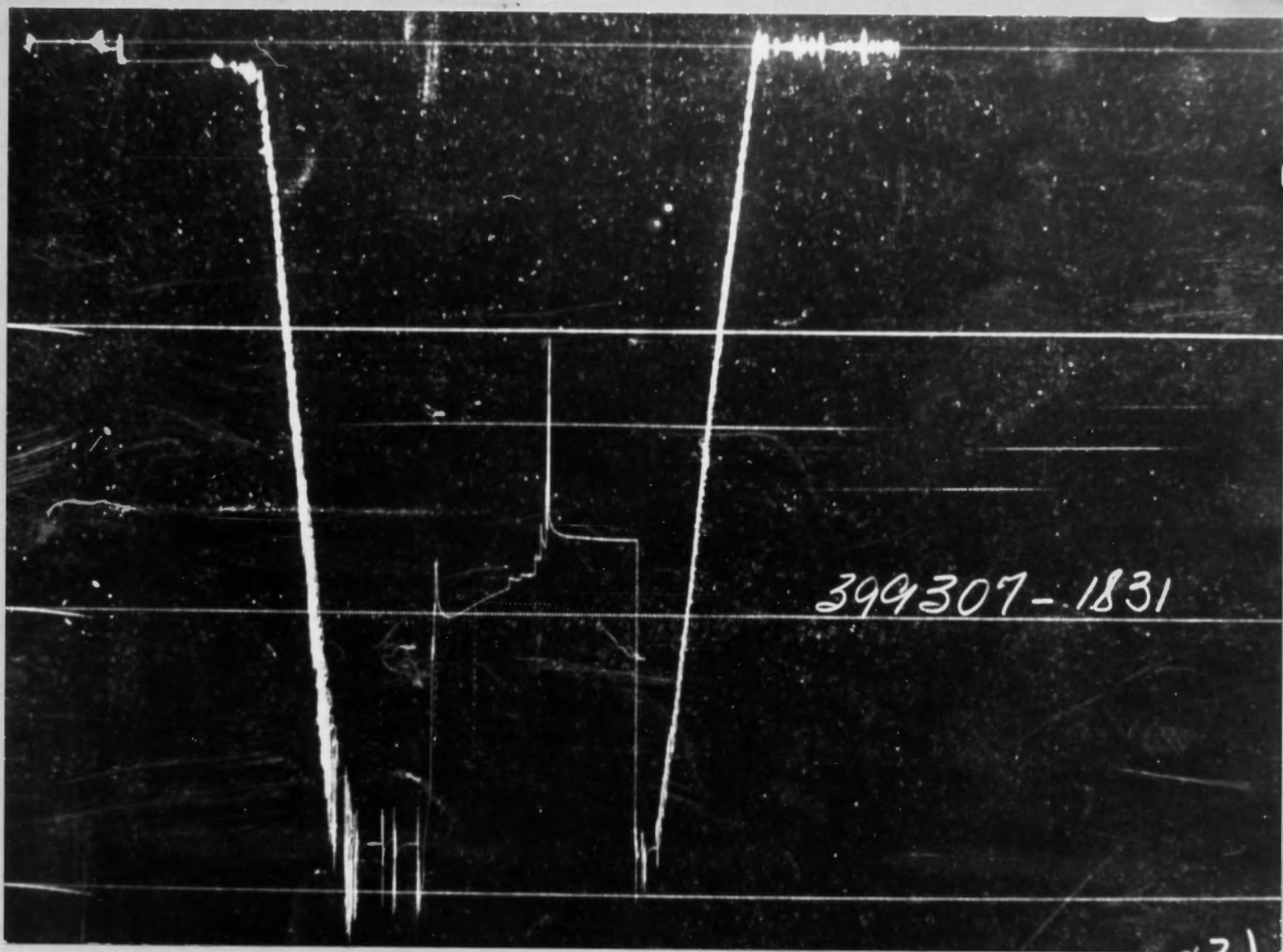
SPECIAL PRESSURE DATA

PRESSURE



TIME



A black and white photograph of a dark, rectangular object, possibly a piece of film or a scan of a document. The object has several white markings, including a large, irregular white shape on the left side and a smaller, more defined white shape in the center. A handwritten number, "399307-1831", is visible on the right side of the object. The background is dark and textured, with some faint horizontal lines. The entire object is set against a light, white background.

399307-1831

21

Flow Time	1st 5	Min.	2nd 30	Min.	Date	3-9-64	Ticket Number	399307
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open Hole Straddle	Halliburton District	Pratt
Pressure Readings	Field		Office Corrected		Tester	G.L. Shauers	Witness	Jerry Zerger
Depth Top Gauge	5028	Ft.	no	Blanked Off	Drilling Contractor	Co. tools		
BT. P.R.D. No.	533		12	Hour Clock	Elevation	2410' DF	Top Packer	5043'
Initial Hydro Mud Pressure	2724		2692		Total Depth	5276'	Bottom Packer	5119' 5124'
Initial Closed in Pres.	76		85		Interval Tested	5043-5119'	Formation Tested	Cherokee
Initial Flow Pres.	9		1 21 2 19		Casing or Hole Size	7 7/8"	Casing Perfs.	Top Bot.
Final Flow Pres.	9		1 23 2 19		Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	744		758		Size & Kind Drill Pipe	4 1/2" API FH	Drill Collars Above Tester	I.D. - LENGTH
Final Hydro Mud Pressure	2695		2692		Mud Weight	9.9	Mud Viscosity	49
Depth Cen. Gauge	5113	Ft.	yes	Blanked Off	Temperature	120	*F Est. Anchor Size & Length	ID 3.84" X OD 5" 47'
BT. P.R.D. No.	534		12	Hour Clock	Depths Mea. From	Derrick floor	Depth of Tester Valve	29' DC 5028 Ft.
Initial Hydro Mud Pres.	2724		2731		Cushion		Depth Back Pres. Valve	Ft.
Initial Closed in Pres.	115		126		Recovered	20	Feet of mud	
Initial Flow Pres.	48		1 62 2 62		Recovered		Feet of	
Final Flow Pres.	48		1 62 2 62		Recovered		Feet of	
Final Closed in Pres.	782		793		Recovered		Feet of	
Final Hydro Mud Pres.	2676		2731		Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	5272	Ft.	yes	Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	1831		12	Hour Clock	Tool Opened	10:22	A.M. P.M. Tool Closed	12:17 AM A.M. P.M.
Initial Hydro Mud Pres.	2955		2821		Remarks	Open tool at 10:22 with a very weak blow		
Initial Closed in Pres.	2036		Plugged			for 2 mins of first flow. Closed at 10:27 for		
Initial Flow Pres.	1980		1 2 "			initial closed in pressure. Reopen tool at		
Final Flow Pres.	1744		1 2 "			10:57 no blow. Closed at 11:27 for 50 mins.		
Final Closed in Pres.	1726		"			Off bottom at 12:17.		
Final Hydro Mud Pres.	2841		2821			No special reading adaptable.		

FORMATION TEST DATA

5

Legal Location Sec. - Twp. - Rng. C NW NW 10-29-27
 Lease Name Mueller
 Well No. 1
 Test No. 3
 Field Area WILDCAT
 County FORD
 State KANSAS
 Lease Owner/Company Name JONES-GIBBERT OIL COMPANY
 Owner's District KANSAS