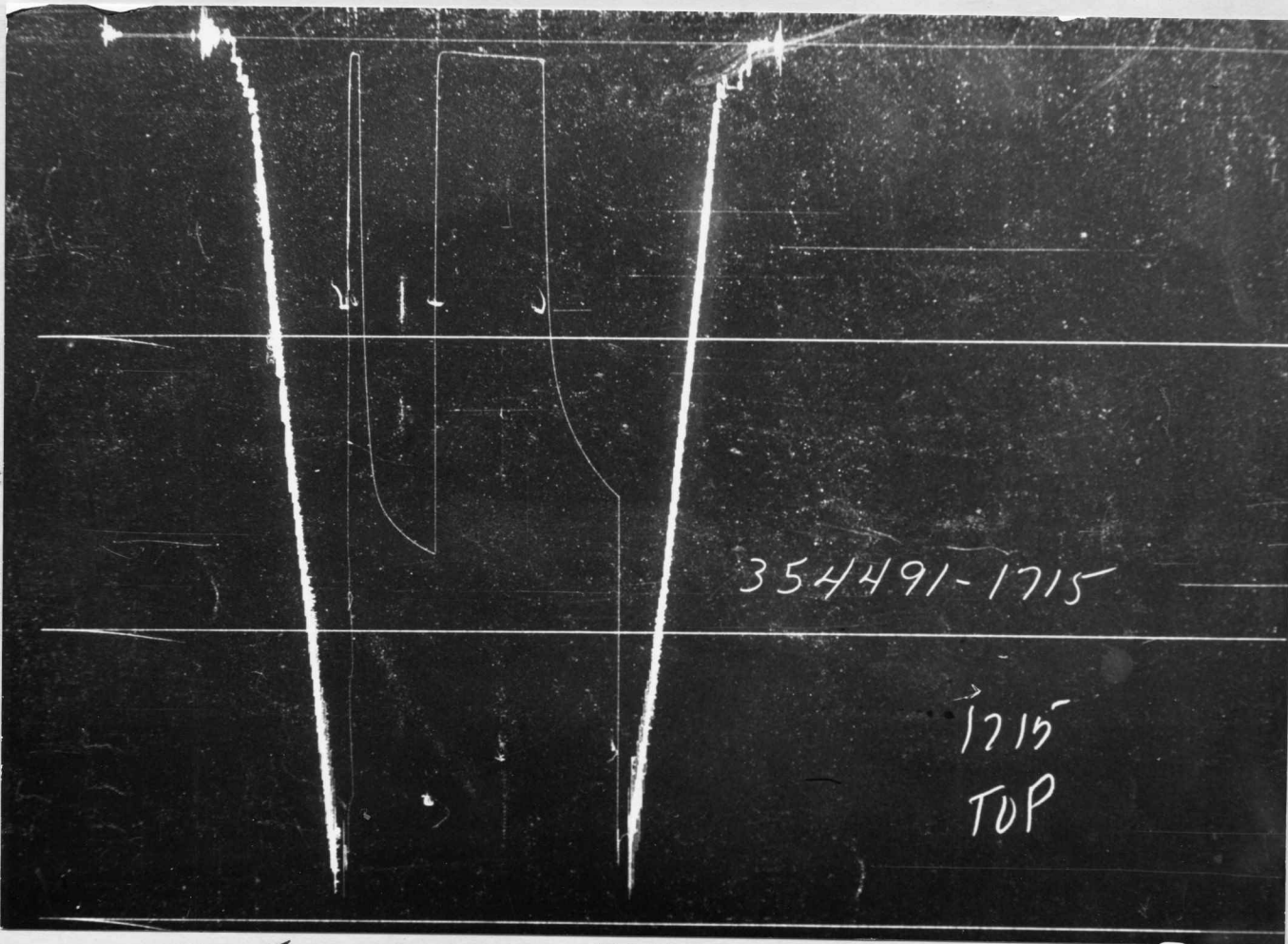
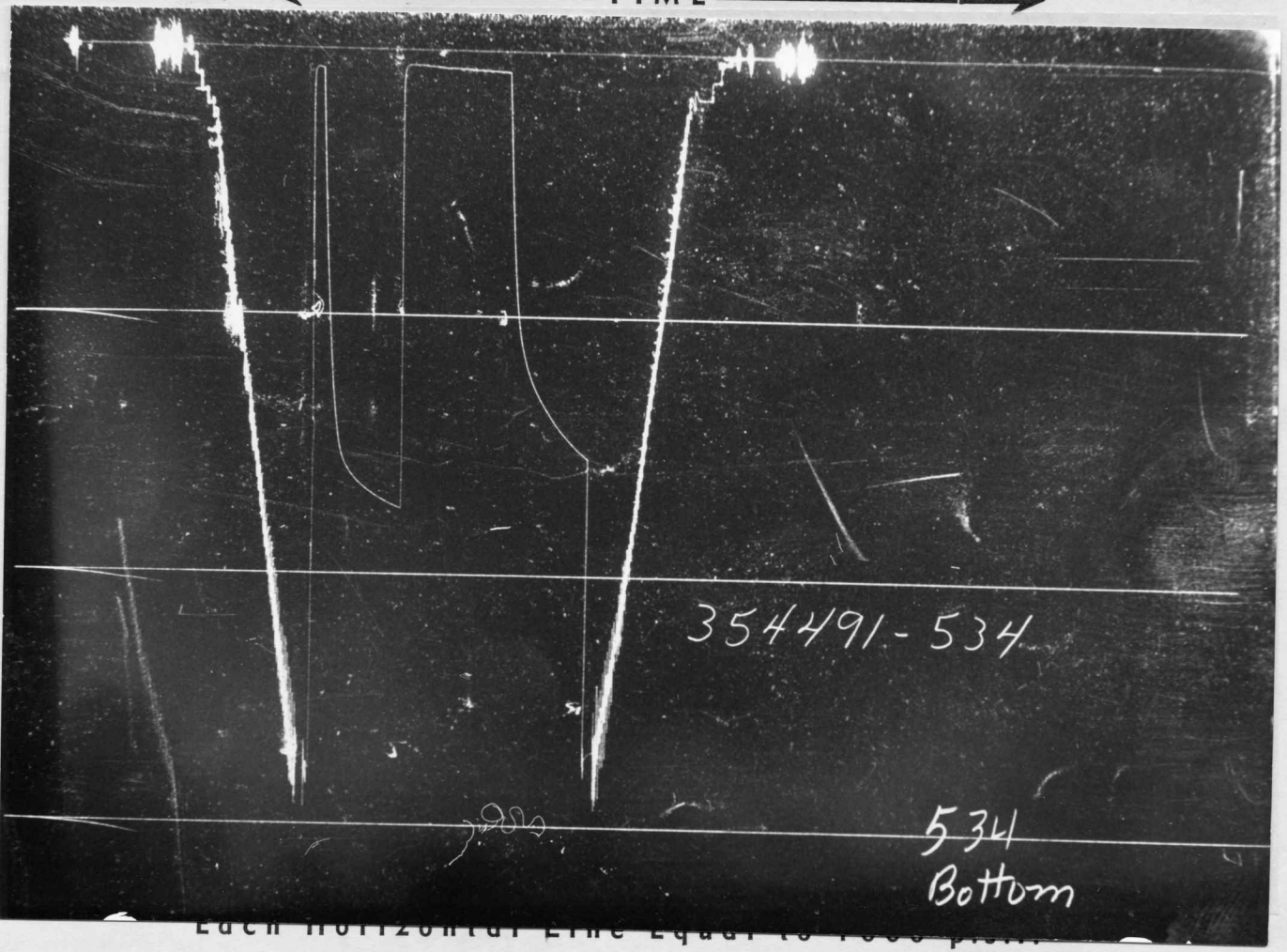


↑  
PRESSURE  
↓



← TIME →



Each horizontal line equals 1000 psi

Flow Time	1st Min.	2nd Min.	Date	Ticket Number	Local Location
5		60	11-15-62	354491-S	Sec. - Twp. - Rng.
Closed In Press. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District	Lease Name
45		45	Open Hole	Pratt	C NE NE
Pressure Readings	Field	Office Corrected	Tester	Witness	24 33 17
			L J Cline	P O Neal	Field Area
Depth Top Gauge	5006 Ft.	no Blanked Off	Drilling Contractor		WILD CAT
			STRATA DRILLING COMPANY		Country
BT. P.R.D. No.	1715	12 Hour Clock	Elevation	Top Packer	COMANCHE
			1840' DF	4998'	State
Initial Hydro Mud Pressure	2759	2760	Total Depth	Bottom Packer	KANSAS
			5040'	5004'	Owner's District
Initial Closed in Pres.	1728	1737	Interval Tested	Formation Tested	
			36'	Mississippi	
Initial Flow Pres.	57	1 56	Casing or Hole Size	Casing Perfs. { Top Bot.	
	45	2 67	7 7/8"		
Final Flow Pres.	37	1 57	Surface Choke	Bottom Choke	
	70	2 65	1"	5/8"	
Final Closed in Pres.	1530	1537	Size & Kind Drill Pipe	Drill Collars Above Tester	
			4 1/2" FH	2 1/2 342'	
Final Hydro Mud Pressure	2715	2710	Mud Weight	Mud Viscosity	
			9.9	45	
Depth Cen. Gauge		Blanked Off	Temperature	Anchor Size ID & Length	
			C 120 °F Est. °F Actual	2 1/2 X 36'	
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Depth of Tester Valve	
			Kelly bushing	4983 Ft.	
Initial Hydro Mud Pres.			TYPE AMOUNT	Depth Back Pres. Valve	
				Ft.	
Initial Closed in Pres.			Cushion		
Initial Flow Pres.		1	Recovered 210	Feet of gas cut drilling mud	
		2	Recovered	Feet of	
Final Flow Pres.		1	Recovered	Feet of	
		2	Recovered	Feet of	
Final Closed in Pres.			Oil A.P.I. Gravity	Water Spec. Gravity	
Final Hydro Mud Pres.			Gas Gravity	Surface Pressure	
				502 psi	
Depth Bot. Gauge	5036 Ft.	yes Blanked Off	Tool Opened	Tool Closed	
			2:42 PM	5:17 PM	
BT. P.R.D. No.	534	12 Hour Clock	Remarks		
			Tool opened for a 5 minute first flow.		
Initial Hydro Mud Pres.	2770	2773			
			Rotated for a 45 minute initial closed in pressure.		
Initial Closed in Pres.	1745	1747			
			Tool re-opened with gas to the surface in 6 minutes		
Initial Flow Pres.	75	1 78			
	68	2 86			
Final Flow Pres.	58	1 75			
	85	2 79			
Final Closed in Pres.	1540	1546			
			estimated gauge thru 1" open 69 MCF decreasing		
Final Hydro Mud Pres.	2722	2721			
			to weak blow at the end of the test. Took a 45 minute final closed in pressure.		

# FORMATION TEST DATA

13

Gauge No. 1715		Depth 5006			Clock 12 hour		Ticket No. 354491			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	56	.000		57	.000	67	.000		65
P <sub>1</sub>	.006	51	.0309		1130	.1028	47	.0309		933
P <sub>2</sub>	.012	53	.0618		1467	.2056	54	.0618		1152
P <sub>3</sub>	.018	55	.0927		1569	.3084	61	.0927		1248
P <sub>4</sub>	.024	56	.1236		1614	.4110	65	.1236		1315
P <sub>5</sub>	.030	57	.1545		1647			.1545		1367
P <sub>6</sub>			.1854		1672			.1854		1410
P <sub>7</sub>			.2163		1692			.2163		1448
P <sub>8</sub>			.2472		1709			.2472		1481
P <sub>9</sub>			.2781		1724			.2781		1511
P <sub>10</sub>			.3090		1737			.3090		1537

Gauge No. 534		Depth 5036'			Clock 12 hour					
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	78	.000		75	.000	86	.000		79
P <sub>1</sub>	.0062	71	.0331		915	.1053	61	.0331		813
P <sub>2</sub>	.0124	71	.0662		1397	.2106	68	.0662		1119
P <sub>3</sub>	.0186	72	.0993		1564	.3159	75	.0993		1234
P <sub>4</sub>	.0248	73	.1324		1617	.4210	79	.1324		1306
P <sub>5</sub>	.0310	73	.1655		1651			.1655		1361
P <sub>6</sub>			.1986		1678			.1986		1410
P <sub>7</sub>			.2317		1699			.2317		1450
P <sub>8</sub>			.2648		1717			.2648		1486
P <sub>9</sub>			.2979		1733			.2979		1517
P <sub>10</sub>			.3310		1747			.3310		1546

Reading Interval 1 4.5 15 4.5 Minutes

REMARKS: BT # 1715 read and measured from corrected base line.  
Both charts indicate plugging.

### SPECIAL PRESSURE DATA

Flow Time	1st Min.	2nd Min.	Date	Ticket Number
5		60	11-15-62	354491-S
Closed In Press. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District
45		45	Open Hole	Pratt
Pressure Readings	Field	Office Corrected	Tester	Witness
			L J Cline	P O Neal
Depth Top Gauge	Ft.	Blanked Off	Drilling Contractor	
5006		no	STRATA DRILLING COMPANY	
BT. P.R.D. No.	12	Hour Clock	Elevation	Top Packer
1715			1840' DF	4998'
Initial Hydro Mud Pressure			Total Depth	Bottom Packer
2759		2760	5040'	5004'
Initial Closed in Pres.			Interval Tested	Formation Tested
1728		1737	36'	Mississippi
Initial Flow Pres.	1	2	Casing or Hole Size	Casing Perfs. { Top Bot. }
57	56	67	7 7/8"	
45				
Final Flow Pres.	1	2	Surface Choke	Bottom Choke
37	57	65	1"	5/8"
70				
Final Closed in Pres.			Size & Kind Drill Pipe	Drill Collars Above Tester
1530		1537	4 1/2" FH	2 1/2' 342'
Final Hydro Mud Pressure			Mud Weight	Mud Viscosity
2715		2710	9.9	45
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	Anchor Size ID OD
			C 120 °F Est. 36'	2 1/2" X 5"
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Depth of Tester Valve
			Kelly bushing	4983 Ft.
Initial Hydro Mud Pres.			Cushion	Depth Back Pres. Valve
Initial Closed in Pres.			Recovered	Feet of
			210	gas cut drilling 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	Ft.	Blanked Off	Gas Gravity	Surface Pressure
5036		yes		502 psi
BT. P.R.D. No.	12	Hour Clock	Tool Opened	Tool Closed
534			2:42 PM	5:17 PM
Initial Hydro Mud Pres.			Remarks	
2770		2773	fair blow Tool opened for a 5 minute first flow.	
Initial Closed in Pres.			Rotated for a 45 minute initial closed in pressure.	
1745		1747		
Initial Flow Pres.	1	2	Tool re-opened with gas to the surface in 6 minutes	
75	78	86		
68				
Final Flow Pres.	1	2	estimated gauge thru 1" open 69 MCF decreasing	
58	75	79		
85				
Final Closed in Pres.			to weak blow at the end of the test. Took a 45	
1540		1546		
Final Hydro Mud Pres.			minute final closed in pressure.	
2722		2721		

## FORMATION TEST DATA

13

SHIMER  
 Lease Name  
 A-1  
 Well No.  
 1  
 Test No.  
 CONTINENTAL OIL COMPANY  
 Lease Owner/Company Name  
 WILDCAT  
 County  
 COMANCHE  
 State  
 KANSAS  
 Owner's District

Legal Location  
 Sec. - Twp. - Rng.  
 C NE NE  
 24 33 17  
 Field Area  
 WILDCAT  
 County  
 COMANCHE  
 State  
 KANSAS

Gauge No. 1715		Depth 5006		Clock 12 hour		Ticket No. 354491				
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.
P <sub>0</sub>	.000	56	.000		57	.000	67	.000		65
P <sub>1</sub>	.006	51	.0309		1130	.1028	47	.0309		933
P <sub>2</sub>	.012	53	.0618		1467	.2056	54	.0618		1152
P <sub>3</sub>	.018	55	.0927		1569	.3084	61	.0927		1248
P <sub>4</sub>	.024	56	.1236		1614	.4110	65	.1236		1315
P <sub>5</sub>	.030	57	.1545		1647			.1545		1367
P <sub>6</sub>			.1854		1672			.1854		1410
P <sub>7</sub>			.2163		1692			.2163		1448
P <sub>8</sub>			.2472		1709			.2472		1481
P <sub>9</sub>			.2781		1724			.2781		1511
P <sub>10</sub>			.3090		1737			.3090		1537

Gauge No. 534		Depth 5036'		Clock 12 hour						
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\oplus}{\ominus}$	PSIG Temp. Corr.
P <sub>0</sub>	.000	78	.000		75	.000	86	.000		79
P <sub>1</sub>	.0062	71	.0331		915	.1053	61	.0331		813
P <sub>2</sub>	.0124	71	.0662		1397	.2106	68	.0662		1119
P <sub>3</sub>	.0186	72	.0993		1564	.3159	75	.0993		1234
P <sub>4</sub>	.0248	73	.1324		1617	.4210	79	.1324		1306
P <sub>5</sub>	.0310	73	.1655		1651			.1655		1361
P <sub>6</sub>			.1986		1678			.1986		1410
P <sub>7</sub>			.2317		1699			.2317		1450
P <sub>8</sub>			.2648		1717			.2648		1486
P <sub>9</sub>			.2979		1733			.2979		1517
P <sub>10</sub>			.3310		1747			.3310		1546

Reading Interval 1 4.5 15 4.5 Minutes

REMARKS: BT # 1715 read and measured from corrected base line.  
Both charts indicate plugging.

### SPECIAL PRESSURE DATA