	1st Min.	2nd Min.
Flow Time	10	60
Closed In Press. Time	30	45
Pressure Readings	Field	Office Corrected
Depth Top Gauge	5065 Ft.	No Blanked Off
BT. P.R.D. No.	1715	12 Hour Clock
Initial Hydro Mud Pressure	2785	2761
Initial Closed in Pres.	675	673
Initial Flow Pres.	95	1 173 / 2 108
Final Flow Pres.	130	1 119 / 2 130
Final Closed in Pres.	645	636
Final Hydro Mud Pressure	2755	2740
Depth Cen. Gauge	5137 Ft.	Yes Blanked Off
BT. P.R.D. No.	1717	12 Hour Clock
Initial Hydro Mud Pres.	2735	2729
Initial Closed in Pres.	675	658
Initial Flow Pres.	75	1 80 / 2 96
Final Flow Pres.	115	1 63 / 2 111
Final Closed in Pres.	630	626
Final Hydro Mud Pres.	2725	2714
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1 / 2	
Final Flow Pres.	1 / 2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	1-13-63	Ticket Number	407501 S
Kind of Job	OPEN HOLE	Halliburton District	PRATT
Tester	B. THOMPSON	Witness	J. COWDEN
Drilling Contractor	D & M DRILLING CO. INC.		
Elevation	1990' DF	Top Packer	5075'
Total Depth	5141'	Bottom Packer	5080'
Interval Tested	5080-5141'	Formation Tested	Mississippi
Casing or Hole Size	9"	Casing Top / Perfs. Bot.	
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4 1/2" F^{H}	Drill Collars Above Tester 2 1/4 / 6 1/4 I.D. - LENGTH	547.60
Mud Weight	9.9	Mud Viscosity	42
Temperature °F Est. / °F Actual	123	Anchor Size & Length ID / OD	3.37 / 5 X
Depths Mea. From	Rotary	Depth of Tester Valve	5055 Ft.
Cushion TYPE AMOUNT	Ft.	Depth Back Pres. Valve	Ft.
Recovered	120 Feet of	Heavy gas cut mud	
Recovered	180 Feet of	Gas & oil cut mud	
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity		Water Spec. Gravity	
Gas Gravity		Surface Pressure	196. to 0 psi
Tool Opened	3:48 PM A.M. / P.M.	Tool Closed	4:48 PM A.M. / P.M.

Mea. From Tester Valve

Remarks Tool opened with strong blow, gas to the surface in 3 minutes. Rotated tool for a 30 min. initial closed in pressure. Reopened tool, max. gas 196,000 to weak to measure in 15 minutes. Took a 45 minute final closed in pressure.

Legal Location Sec. - Twp. - Rng.	C NE SW 35 32 S 18 W
Lease Name	PEPPARD
Well No.	1
Test No.	1
Lease Owner/Company Name	CONTINENTAL OIL COMPANY
Field Area	
County	COMANCHE
State	KANSAS
Owner's District	KANSAS

FORMATION TEST DATA

5

Gauge No. 1715	Depth 5065	Clock 12 hour	Ticket No. 407501

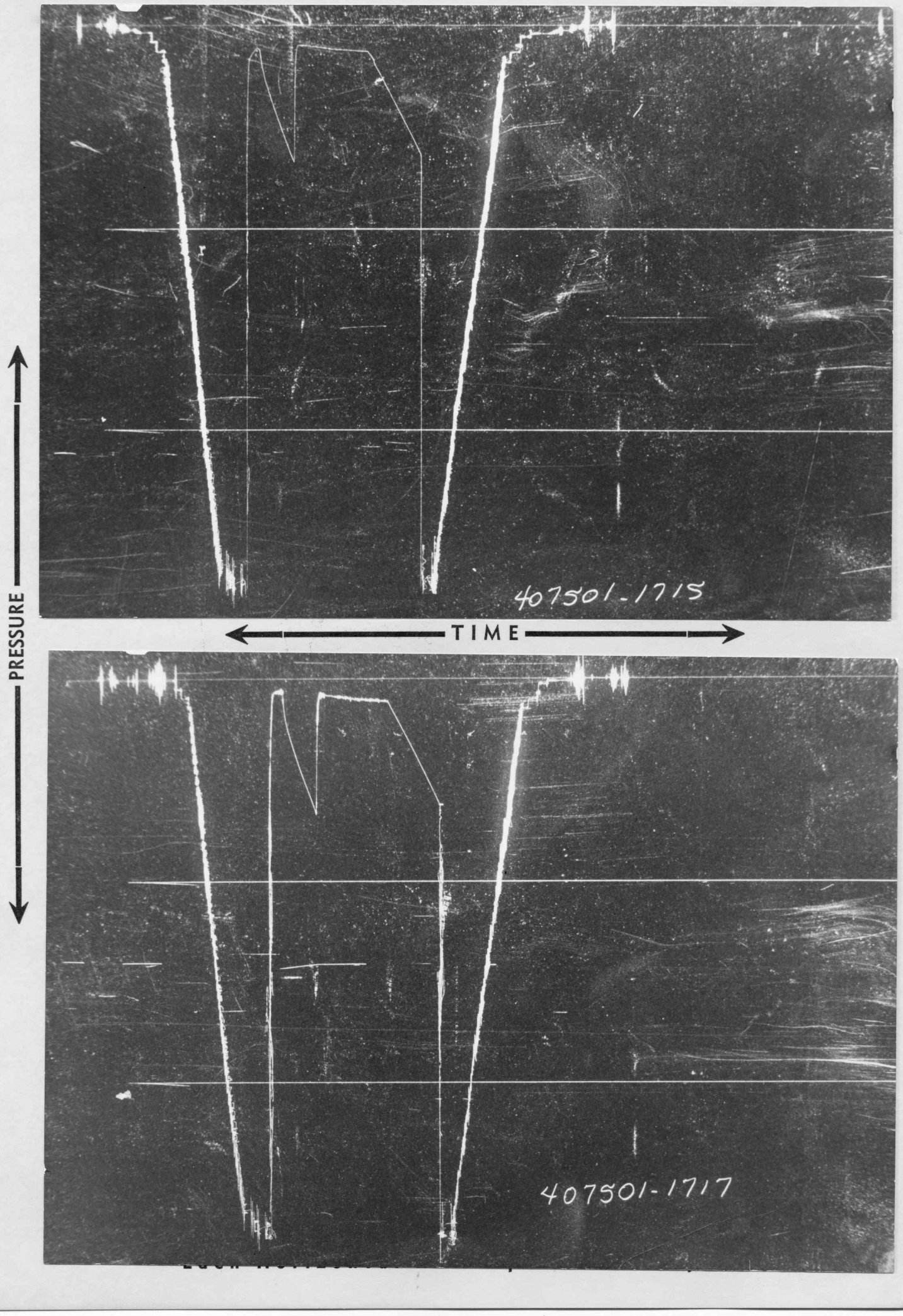
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P_0	.000	173	.000		119	.000	108	.000		130
P_1	.0118	148	.020		220	.1018	107	.031		165
P_2	.0236	135	.040		290	.2036	119	.062		224
P_3	.0354	122	.060		344	.3054	125	.093		273
P_4	.0472	114	.080		394	.4070	130	.124		325
P_5	.0590	119	.100		445			.155		375
P_6			.120		493			.186		427
P_7			.140		542			.217		478
P_8			.160		587			.248		530
P_9			.180		632			.279		583
P_{10}			.200		673			.310		636

Gauge No. 1717	Depth 5137	Clock 12 hour	

P_0	.000	80	.000		63	.000	96	.000		111
P_1	.059	63	.0194		222	.402	111	.0301		164
P_2	Plugged		.0388		283	Plugged		.0602		212
P_3			.0582		340			.0903		260
P_4			.0776		391			.1204		309
P_5			.0970		440			.1505		360
P_6			.1164		487			.1806		411
P_7			.1358		532			.2107		463
P_8			.1552		576			.2408		516
P_9			.1746		620			.2709		570
P_{10}			.1940		658			.3010		626
Reading Interval	2		3			15		4.5		Minutes

REMARKS:

SPECIAL PRESSURE DATA


407501-1715
TIME
PRESSURE
407501-1717

	1st Min.	2nd Min.
Flow Time	15	60
Closed In Press. Time	45	60
Pressure Readings	Field	Office Corrected
Depth Top Gauge	5124 Ft.	NO Blanked Off
BT. P.R.D. No.	1715	12 Hour Clock
Initial Hydro Mud Pressure	2795	2801
Initial Closed in Pres.	1275	1262
Initial Flow Pres.	– 1	19
	25 2	37
Final Flow Pres.	– 1	29
	55 2	51
Final Closed in Pres.	1205	1190
Final Hydro Mud Pressure	2765	2785
Depth Cen. Gauge	5171 Ft.	YES Blanked Off
BT. P.R.D. No.	1717	12 Hour Clock
Initial Hydro Mud Pres.	2805	2828
Initial Closed in Pres.	1395	1281
Initial Flow Pres.	– 1	43
	35 2	65
Final Flow Pres.	– 1	51
	70 2	75
Final Closed in Pres.	1220	1213
Final Hydro Mud Pres.	2775	2806
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	1-14-63	Ticket Number	407502 S
Kind of Job	OPEN HOLE	Halliburton District	PRATT
Tester	BILL THOMPSON	Witness	JACK COWDEN
Drilling Contractor	D AND M DRILLING COMPANY INC.		
Elevation	1990' DF	Top Packer	5134'
Total Depth	5175'	Bottom Packer	5139'
Interval Tested	5139-5175'	Formation Tested	MISSISSIPPI
Casing or Hole Size	9"	Casing Perfs. Top / Bot.	–
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" FH	Drill Collars Above Tester (I.D. - LENGTH)	178.20 x 2¼"
Mud Weight	9.8	Mud Viscosity	43
Temperature °F Est. / °F Actual	124	Anchor Size & Length ID / OD	3.37" / 5" X
Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	5114 Ft.
Cushion TYPE / AMOUNT	– Ft.	Depth Back Pres. Valve	– Ft.
Recovered	40 Feet of	Very slightly gas cut mud	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	–	Water Spec. Gravity	–
Gas Gravity	–	Surface Pressure	– psi
Tool Opened	1:22 XXX P.M.	Tool Closed	2:22 XXX P.M.

Remarks: Opened tool with a fair blow decreasing. Closed in for a 45 minute Initial Closed in Pres. Reopened tool with a very weak blow dead in 15 minutes. Closed in for a 60 minute Final Closed in Pressure.

Legal Location Sec. - Twp. - Rng.: C NE SW 35-32-18W

Lease Name: PEPPARD — Well No.: 1 — Test No.: 2

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Field Area: – — County: COMANCHE — State: KANSAS — Owner's District: KANSAS

Mea. From Tester Valve

FORMATION TEST DATA

5

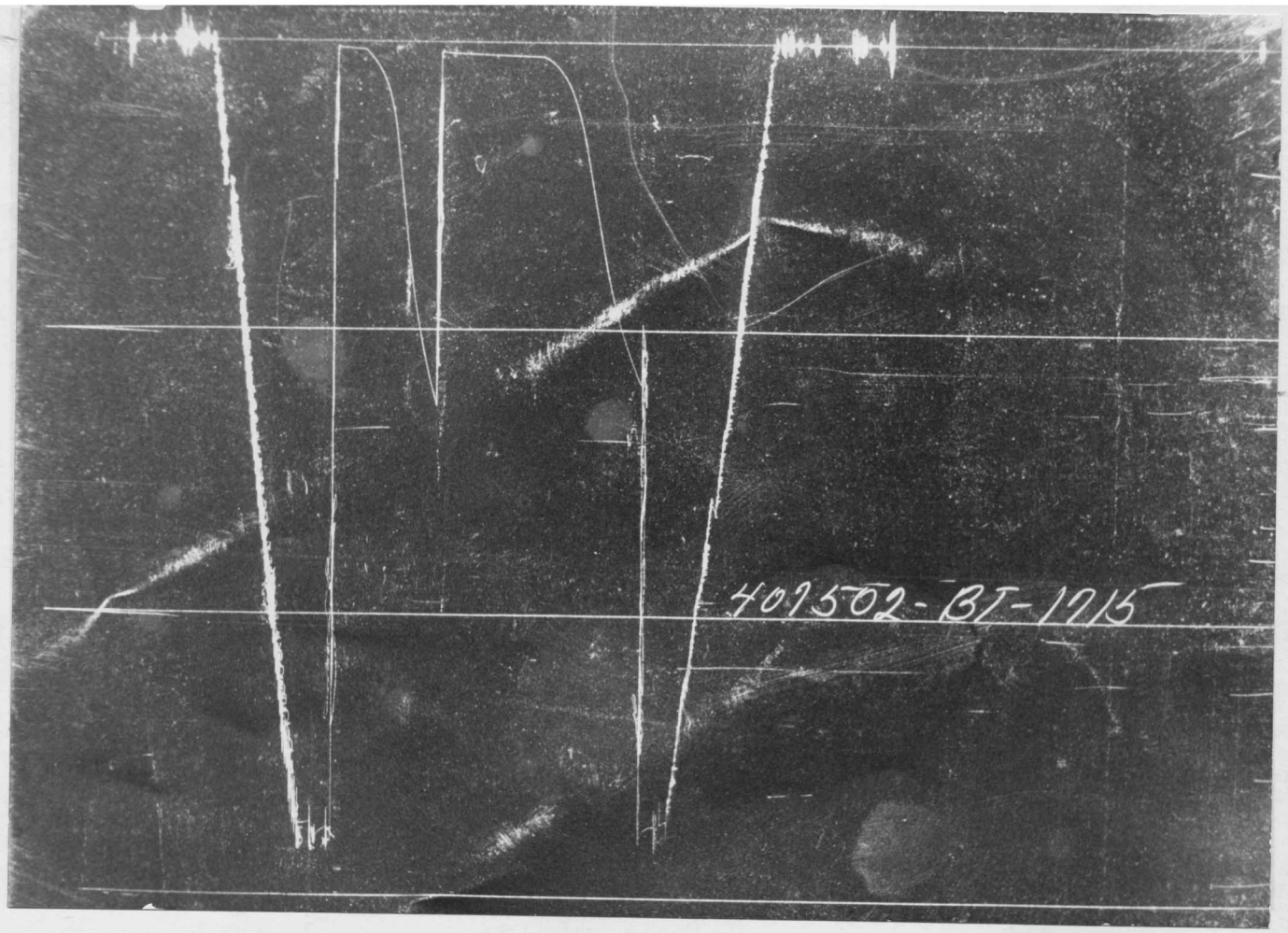
Gauge No.	1715	Depth	5124'	Clock	12 hour	Ticket No.	407502

	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	19	.000		29	.000	37	.000		51
P_1	.0226	23	.0304		58	.1045	42	.0414		74
P_2	.0452	24	.0608		96	.2090	45	.0828		115
P_3	.0678	26	.0912		154	.3135	48	.1242		186
P_4	.0904	27	.1216		256	.4180	51	.1656		312
P_5	.1130	29	.1520		465			.2070		503
P_6			.1824		709			.2484		697
P_7			.2128		908			.2898		870
P_8			.2432		1055			.3312		1003
P_9			.2736		1170			.3726		1106
P_{10}			.3040		1262			.4140		1190

Gauge No.	1717		Depth	5171'		Clock	12	hour		
P_0	.000	43	.000		51	.000	65	.000		75
P_1	.0216	44	.0297		77	.103	66	.0405		100
P_2	.0432	46	.0594		114	.206	69	.0810		140
P_3	.0648	48	.0891		170	.309	72	.1215		214
P_4	.0864	50	.1188		261	.412	75	.1620		342
P_5	.1080	51	.1485		444			.2025		536
P_6			.1782		690			.2430		735
P_7			.2079		904			.2835		899
P_8			.2376		1064			.3240		1029
P_9			.2673		1187			.3645		1133
P_{10}			.2970		1281			.4050		1213
Reading Interval		3			4.5		15		6	Minutes

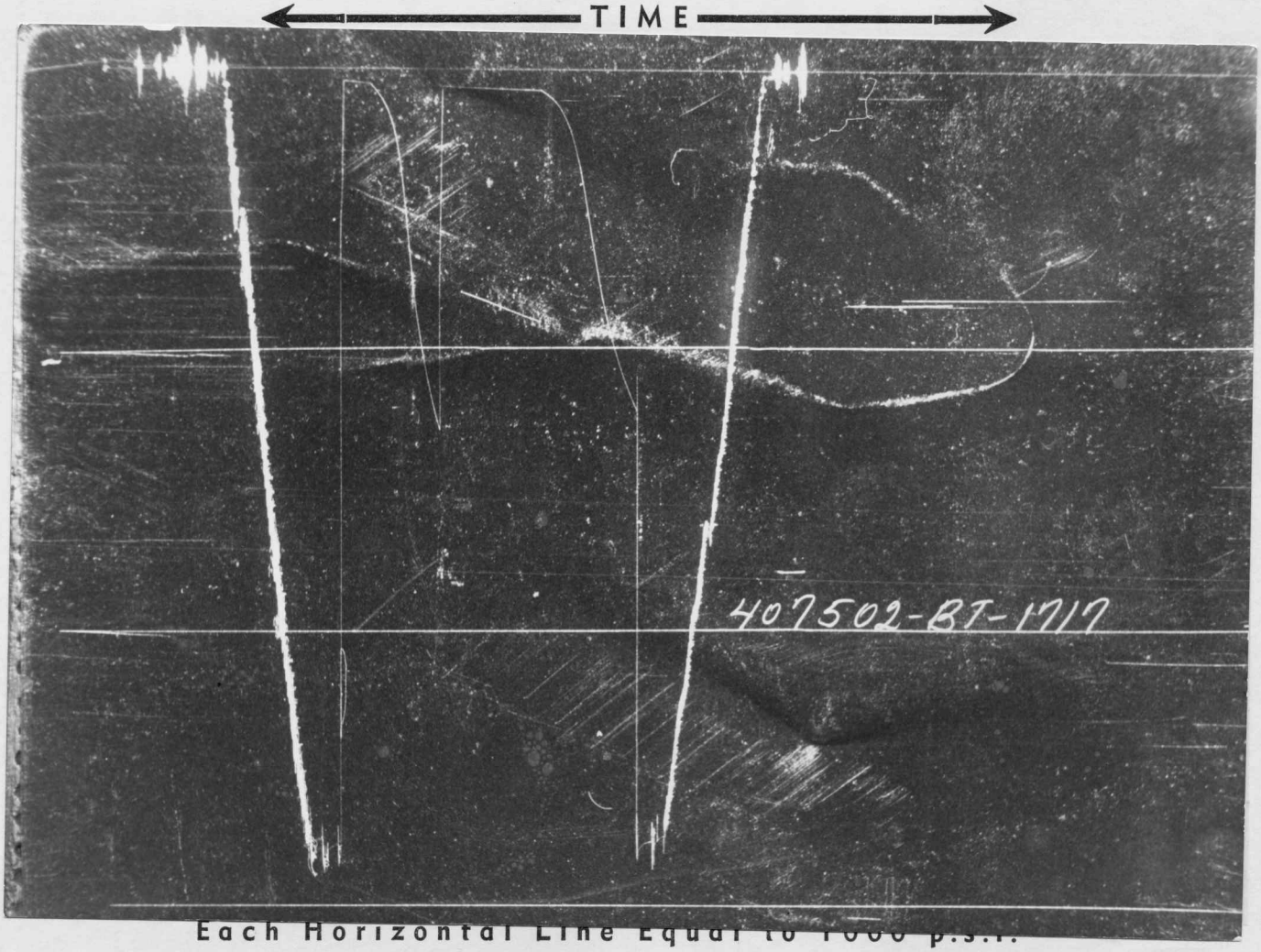
REMARKS:

SPECIAL PRESSURE DATA



PRESSURE

TIME



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

	1st Min.	2nd Min.
Flow Time	20	60
Closed In Press. Time	60	60
Pressure Readings	Field	Office Corrected
Depth Top Gauge	5604 Ft.	NO Blanked Off
BT. P.R.D. No.	1717	12 Hour Clock
Initial Hydro Mud Pressure	2842	2782
Initial Closed in Pres.	1993	1996
Initial Flow Pres.	55 1	111
	98 2	116
Final Flow Pres.	– 1	102
	268 2	263
Final Closed in Pres.	1930	1934
Final Hydro Mud Pressure	2776	2764
Depth Cen. Gauge	5646 Ft.	YES Blanked Off
BT. P.R.D. No.	1715	12 Hour Clock
Initial Hydro Mud Pres.	2846	2805
Initial Closed in Pres.	2020	2017
Initial Flow Pres.	78 1	107
	132 2	132
Final Flow Pres.	122 1	122
	251 2	254
Final Closed in Pres.	1950	1954
Final Hydro Mud Pres.	2800	2781
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	1-20-63	Ticket Number	379309 S
Kind of Job	Open hole test	Halliburton District	Pratt
Tester	Cline	Witness	Gentry
Drilling Contractor	D & M Drilling Company		
Elevation	1990'	Top Packer	5596'
Total Depth	5650'	Bottom Packer	5602'
Interval Tested	48'	Formation Tested	Viola
Casing or Hole Size	8 3/4"	Casing Perfs. Top / Bot.	–
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" FH	Drill Collars Above Tester (I.D. - LENGTH)	2¼" x 180'
Mud Weight	9.8	Mud Viscosity	55
Temperature °F Est. / °F Actual	126	Anchor Size & Length ID / OD	2 3/8" x 48' / 5"
Depths Mea. From	Kelly Bushings	Depth of Tester Valve	5588' Ft.
Cushion TYPE / AMOUNT	– Ft.	Depth Back Pres. Valve	– Ft.
Recovered	115 Feet of	Free oil	
Recovered	730 Feet of	Heavy oil & gas cut	
Recovered	Feet of	drilling mud	
Recovered	Feet of		
Oil A.P.I. Gravity	37 @ 56°	Water Spec. Gravity	–
Gas Gravity	–	Surface Pressure	– psi
Tool Opened A.M. / P.M.	12:00	Tool Closed A.M. / P.M.	3:20

Remarks: Opened tool for 20 minute 1st flow with strong blow; gas to surface in 9½ minutes. Closed tool for 60 minute ICIP. Reopened tool for 60 minute 2nd flow with good blow; gas gauged at 91 MCF in 5 min., 124 MCF in 10 min., 104 MCF in 45 min., and 104 MCF in 55 min. Closed tool for 60 minute final closed in pressure.

Legal Location Sec. - Twp. - Rng.: SEC. 35 - 32S - 18W

Lease Name: PEPPARD-CATHRAE | Well No.: 1 | Test No.: 3

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Field Area: I | County: COMMANCHE | State: KANSAS | Owner's District: KANSAS

Mea. From Tester Valve

FORMATION TEST DATA

15

Gauge No.	1717	Depth	5604'	Clock	12 hour	Ticket No.	379309

	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	111	.000	----	102	.000	116	.000	----	263
P_1	.034	65	.0405	.639	1874	.1008	162	.0411	1.150	1632
P_2	.068	83	.0810	.428	1937	.2016	198	.0822	.878	1813
P_3	.102	93	.1215	.326	1957	.3024	231	.1233	.730	1858
P_4	.136	102	.1620	.265	1968	.4030	263	.1644	.631	1881
P_5			.2025	.223	1976			.2055	.559	1897
P_6			.2430	.193	1982			.2466	.503	1907
P_7			.2835	.170	1986			.2877	.458	1916
P_8			.3240	.152	1991			.3288	.421	1923
P_9			.3645	.138	1993			.3699	.390	1928
P_{10}			.4050	.126	1996			.4110	.364	1934

Gauge No.	1715	Depth	5646'	Clock	12 hour				
P_0	.000	107	.000	----	122	.000	132	.000	----	254
P_1	.033	94	.0424	.614	1853	.1038	179	.0427	1.140	1594
P_2	.066	108	.0848	.408	1953	.2076	213	.0854	.870	1826
P_3	.099	114	.1272	.309	1978	.3114	230	.1281	.722	1877
P_4	.132	122	.1696	.250	1991	.4150	254	.1708	.624	1900
P_5			.2120	.210	1998			.2135	.552	1915
P_6			.2544	.182	2004			.2562	.496	1927
P_7			.2968	.160	2009			.2989	.452	1937
P_8			.3392	.143	2012			.3416	.415	1944
P_9			.3816	.129	2015			.3843	.384	1950
P_{10}			.4240	.118	2017			.4270	.358	1954
Reading Interval	5		6			15		6		Minutes

REMARKS:

SPECIAL PRESSURE DATA

TICKET NO.	379309	
BT GAUGE NO.	INITIAL	FINAL
1717	⊙	⊙
1715	◇	◇

10 9 8 7 6 5 4 3 2 1

Log $\frac{\theta + t}{\theta}$

1700 1800 1900 Psig 2100 2200 2300

EXTRAPOLATED PRESSURE GRAPH

Liquid Production

B.T. Gauge Numbers			1717	1715	**Ticket Number**	379309
			PRESSURE	PRESSURE		
Initial Hydrostatic			2782	2805	Elevation	1990 ft.
Final Hydrostatic			2764	2781	Indicated Production 1st Flow	- bbls. day
		Time			Indicated Production Total Flow	- bbls. day
1st Flow	Initial	— — — —	111	107		
1st Flow	Final	20	102	122	Drill Collar Length	180 ft.
Initial Closed In Pressure		60	1996	2017	Drill Collar I.D.	2.25 in.
2nd Flow	Initial	— — — —	116	132	Drill Pipe Factor	.01422 bbls. ft.
2nd Flow	Final	60	263	254	Hole Size	8.750 in.
Final Closed In Pressure		60	1934	1954	Footage Tested NET	10 ft.
Extrapolated Static Pressure	Initial		2020	2040	Mud Weight	9.8 lbs. gal.
Extrapolated Static Pressure	Final		2010	2030	Viscosity, Oil or Water	55 cp
Slope ~~psi/cycle~~ P10	Initial		1823	1852	Oil API Gravity	37 —
Slope ~~psi/cycle~~ P10	Final		1803	1821	Water Specific Gravity	- —

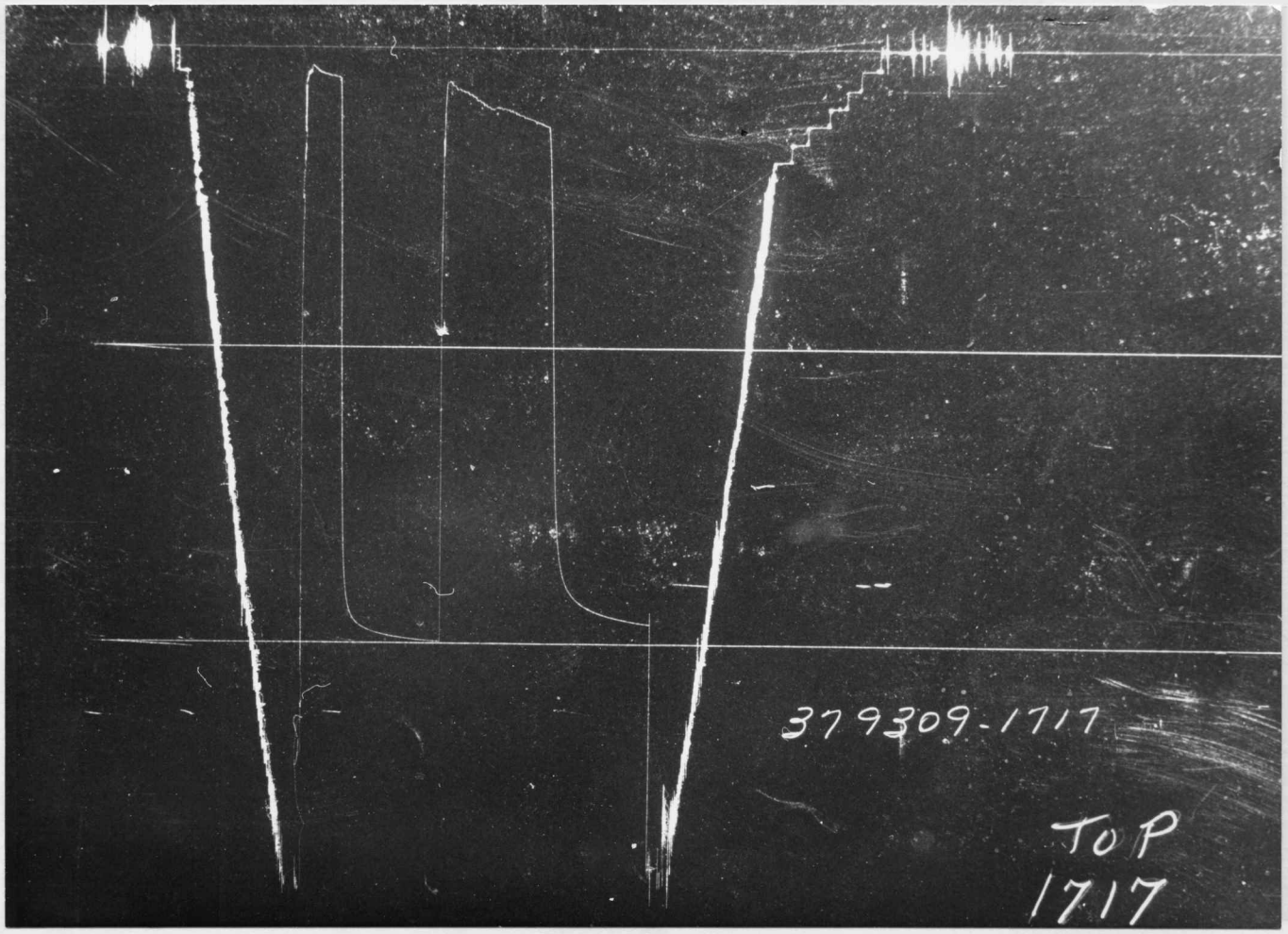
Remarks:

SUMMARY

Product	Equation	Gauge No. Depth 1717/5604' Initial	Gauge No. Depth 1717/5604' Final	Gauge No. Depth 1715/5646' Initial	Gauge No. Depth 1715/5646' Final	Units
Production	$Q = \frac{1440\ R}{t}$	139.9	138.9	105.8	115.3	bbls. day
Transmissability	$\frac{Kh}{\mu} = \frac{162.6\ Q}{m}$	115.5	109.2	91.6	89.7	$\frac{\text{md. ft.}}{\text{cp}}$
Indicated Flow Capacity	$Kh = \frac{Kh}{\mu}\ \mu$	323.	306.	256.	251.	md. ft.
Average Effective Permeability	$K = \frac{Kh}{h}$	-	-	-	-	md.
	$K_I = \frac{Kh}{h_I}$	32.3	30.6	25.6	25.1	md.
Damage Ratio	$DR = .183\ \frac{Ps - Pf}{m}$	1.78	1.54	1.86	1.55	—
Theoretical Potential w/Damage Removed	$Q_1 = Q\ DR$	249.3	214.6	197.7	179.4	bbls. day
Approx. Radius of Investigation	$b \backsimeq \sqrt{Kt}$ or $\sqrt{Kt_0}$	-	-	-	-	ft.
	$b_1 \backsimeq \sqrt{K_1 t}$ or $\sqrt{K_1 t_0}$	25.4	49.4	22.6	44.8	ft.
Potentiometric Surface *	$Pot. = El - GD + 2.319\ Ps$	1070.4	1047.2	1074.8	1051.6	ft.

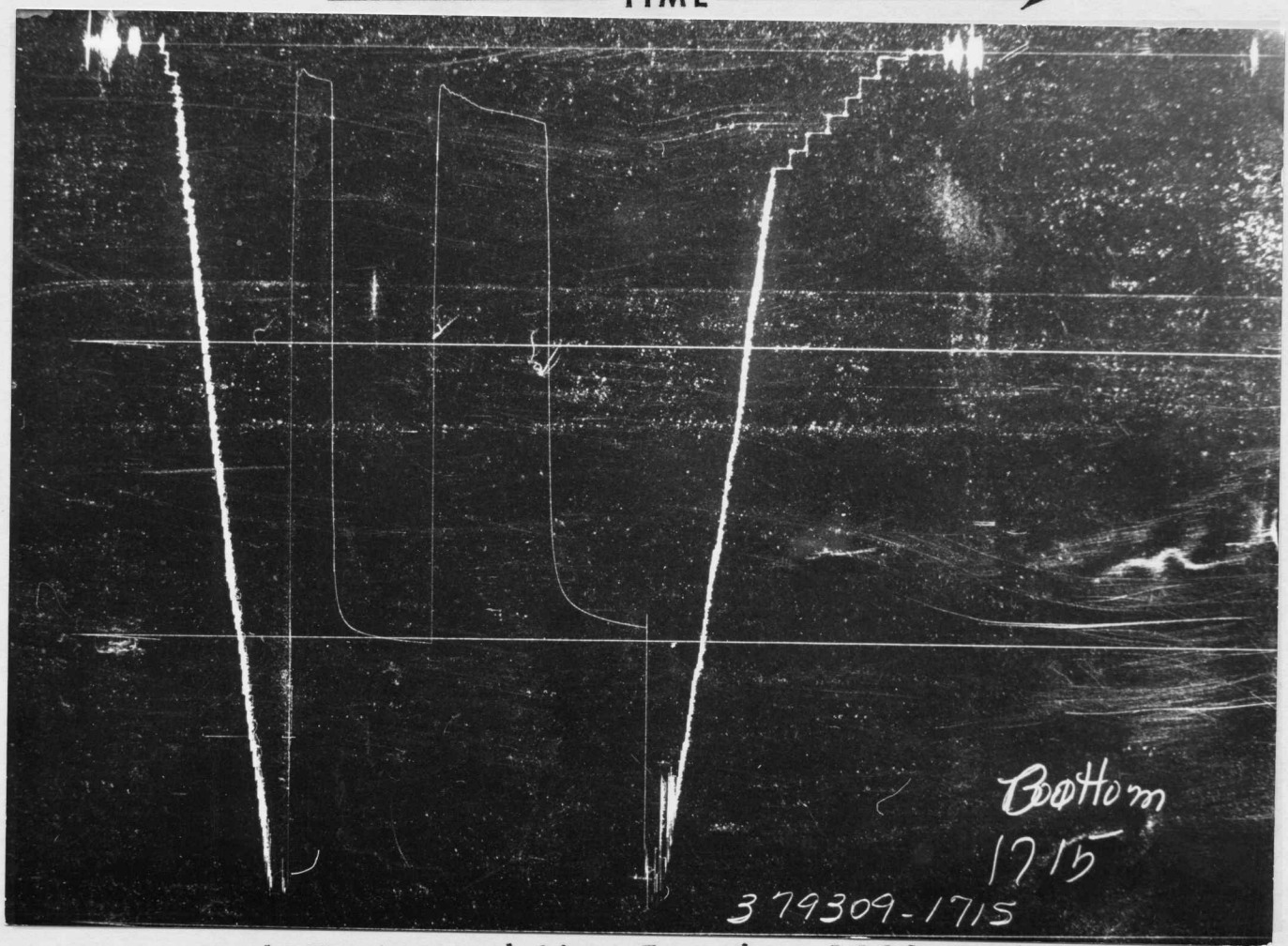
NOTICE: These calculations are based upon information furnished by you and taken from Drill Stem Test pressure charts, and are furnished you for your information. In furnishing such calculations and evaluations based thereon, Halliburton is merely expressing its opinion. You agree that Halliburton makes no warranty express or implied as to the accuracy of such calculations or opinions, and that Halliburton shall not be liable for any loss or damage, whether due to negligence or otherwise, in connection with such calculations and opinions.

INTERPRETATIONS AND CALCULATIONS



PRESSURE

TIME



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

	1st Min.	2nd Min.
Flow Time	20	60
Closed In Press. Time	60	60
Pressure Readings	Field	Office Corrected
Depth Top Gauge	5635 Ft.	NO Blanked Off
BT. P.R.D. No.	1715	12 Hour Clock
Initial Hydro Mud Pressure	2825	2831
Initial Closed in Pres.	2020	2003
Initial Flow Pres.	– 1	24
	70 2	63
Final Flow Pres.	– 1	53
	125 2	105
Final Closed in Pres.	1935	1916
Final Hydro Mud Pressure	2845	2806
Depth Cen. Gauge	5676 Ft.	YES Blanked Off
BT. P.R.D. No.	1717	12 Hour Clock
Initial Hydro Mud Pres.	2845	2843
Initial Closed in Pres.	2015	2014
Initial Flow Pres.	– 1	38
	60 2	77
Final Flow Pres.	– 1	67
	115 2	119
Final Closed in Pres.	1925	1928
Final Hydro Mud Pres.	2815	2821
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	1-21-63	Ticket Number	407503 S
Kind of Job	OPEN HOLE	Halliburton District	PRATT
Tester	BILL THOMPSON	Witness	JOHN HILL
Drilling Contractor	D AND M DRILLING INCORPORATED		
Elevation	1990' DF	Top Packer	5645'
Total Depth	5680	Bottom Packer	5650'
Interval Tested	5650-5680'	Formation Tested	VIOLA
Casing or Hole Size	9"	Casing Perfs. Top / Bot.	–
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" FH	Drill Collars Above Tester (I.D. - LENGTH)	178.20' x 2¼"
Mud Weight	9.8	Mud Viscosity	43
Temperature °F Est. / °F Actual	126	Anchor Size & Length ID / OD	3.37" / 5" X
Depths Mea. From	KELLY BUSHING	Depth of Tester Valve	5625 Ft.
Cushion TYPE / AMOUNT	None Ft.	Depth Back Pres. Valve	– Ft.
Recovered	95 Feet of Watery mud		
Recovered	90 Feet of Water		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	–	Water Spec. Gravity	1.120
Gas Gravity	–	Surface Pressure	0 psi
Tool Opened	10:37 A.M.	Tool Closed	11:37 A.M.

Mea. From Tester Valve

Remarks: Opened tool with a fair blow. Closed in for a 60 minute Initial Closed in Pressure. Re-opened tool with a fair blow throughout test. Closed in for a 60 minute Final Closed in Pressure.

Legal Location Sec. - Twp. - Rng.: 35-32-18W

Lease Name: PEPPARD

Well No.: 1

Test No.: 4

Lease Owner/Company Name: CONTINENTAL OIL COMPANY

Field Area: WILDCAT

County: COMANCHE

State: KANSAS

Owner's District

FORMATION TEST DATA

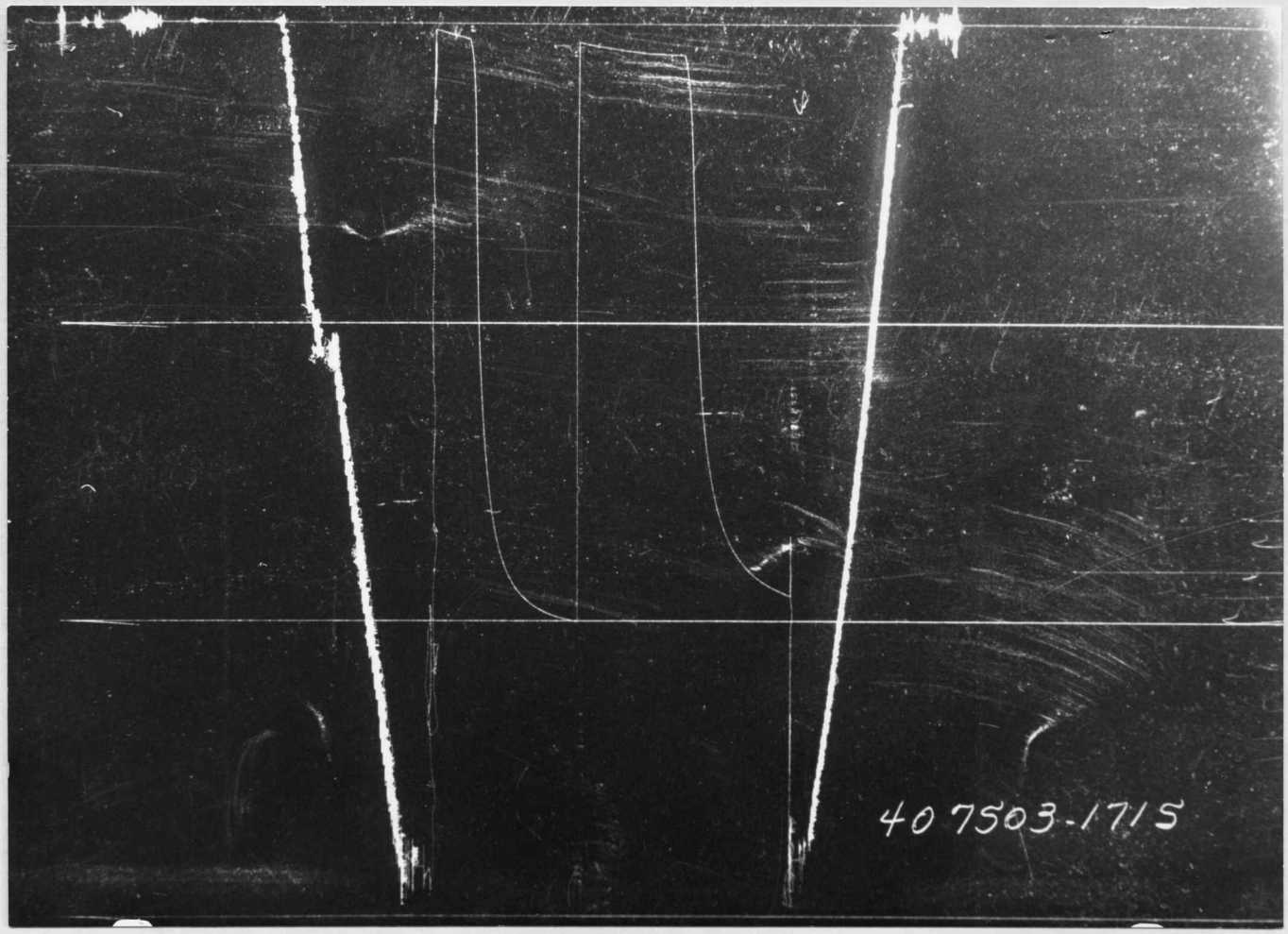
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Gauge No.	1715	Depth	5635'	Clock	12 hour	Ticket No.	407503

	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	24	.000		53	.000	63	.000		105
P_1	.0335	30	.0424		1154	.1035	79	.0417		741
P_2	.0670	38	.0848		1615	.2070	93	.0834		1404
P_3	.1005	44	.1272		1793	.3105	102	.1251		1612
P_4	.1340	53	.1696		1876	.4140	105	.1668		1719
P_5			.2120		1921			.2085		1785
P_6			.2544		1952			.2502		1829
P_7			.2968		1972			.2919		1860
P_8			.3392		1985			.3336		1883
P_9			.3816		1996			.3753		1902
P_{10}			.4240		2003			.4170		1916
Gauge No.	1717	Depth	5676'	Clock	12 hour					
P_0	.000	38	.000		67	.000	77	.000		119
P_1	.033	44	.0412		1207	.1018	93	.0409		909
P_2	.066	51	.0824		1646	.2036	106	.0818		1430
P_3	.099	59	.1236		1806	.3054	115	.1227		1628
P_4	.132	67	.1648		1887	.4070	119	.1636		1734
P_5			.2060		1934			.2045		1800
P_6			.2472		1963			.2454		1844
P_7			.2884		1986			.2863		1875
P_8			.3296		1997			.3272		1897
P_9			.3708		2007			.3681		1916
P_{10}			.4120		2014			.4090		1928
Reading Interval	5		6			15		6		Minutes

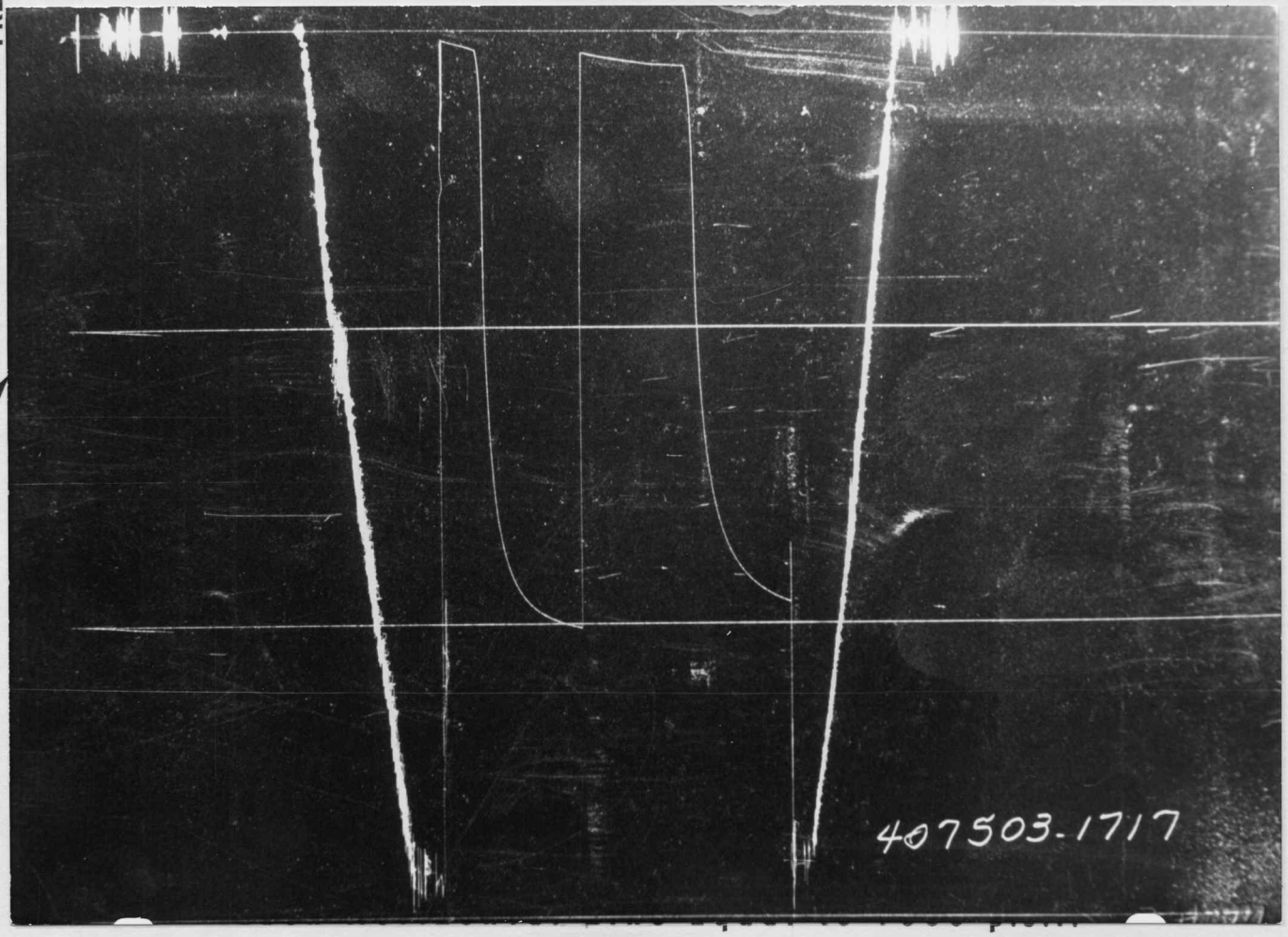
REMARKS:

SPECIAL PRESSURE DATA



PRESSURE

TIME



	1st Min.	2nd Min.
Flow Time	20	60
Closed In Press. Time	60	60
Pressure Readings	Field	Office Corrected
Depth Top Gauge	5724 Ft.	NO Blanked Off
BT. P.R.D. No.	1715	12 Hour Clock
Initial Hydro Mud Pressure	2895	2889
Initial Closed in Pres.	2265	2265
Initial Flow Pres.	– 1	30
	45 2	51
Final Flow Pres.	– 1	38
	65 2	58
Final Closed in Pres.	1845	1845
Final Hydro Mud Pressure	2875	2885
Depth Cen. Gauge	5749 Ft.	YES Blanked Off
BT. P.R.D. No.	1717	12 Hour Clock
Initial Hydro Mud Pres.	2905	2905
Initial Closed in Pres.	2280	2273
Initial Flow Pres.	– 1	42
	70 2	71
Final Flow Pres.	– 1	53
	80 2	73
Final Closed in Pres.	1875	1860
Final Hydro Mud Pres.	2885	2902
Depth Bot. Gauge	Ft.	Blanked Off
BT. P.R.D. No.		Hour Clock
Initial Hydro Mud Pres.		
Initial Closed in Pres.		
Initial Flow Pres.	1	
	2	
Final Flow Pres.	1	
	2	
Final Closed in Pres.		
Final Hydro Mud Pres.		

Date	1-23-63	Ticket Number	407504 S
Kind of Job	Open hole test	Halliburton District	Pratt
Tester	Thompson	Witness	Cowden
Drilling Contractor	D & M Drilling Incorporated		
Elevation	1990'	Top Packer	5734'
Total Depth	5753'	Bottom Packer	5739'
Interval Tested	5739'-5753'	Formation Tested	Simpson
Casing or Hole Size	9"	Casing Perfs. Top / Bot.	–
Surface Choke	1"	Bottom Choke	5/8"
Size & Kind Drill Pipe	4½" FH	Drill Collars Above Tester (I.D. - LENGTH)	2¼" x 180'
Mud Weight	9.8	Mud Viscosity	44
Temperature °F Est.		Anchor Size & Length ID / OD	X
°F Actual	126		
Depths Mea. From	Kelly Bushings	Depth of Tester Valve	5714' Ft.
Cushion TYPE / AMOUNT	– Ft.	Depth Back Pres. Valve	– Ft.
Recovered	95 Feet of	Mud	
Recovered	Feet of		
Recovered	Feet of		
Recovered	Feet of		
Oil A.P.I. Gravity	–	Water Spec. Gravity	–
Gas Gravity	–	Surface Pressure	– psi
Tool Opened	6:00 A.M. P.M.	Tool Closed	7:00 A.M. P.M.

Remarks: Opened tool for 20 minute 1st flow with very weak blow dying in 3 minutes. Closed tool for 60 minute initial closed in pressure. Reopened tool for 60 minute 2nd flow with weak blow for 1 minute and died. Closed tool for 60 minute final closed in pressure.

Mea. From Tester Valve

Legal Location Sec. - Twp. - Rng.: SEC. 35 - 32S - 18W

Lease Name: PEPPARD
Well No.: 1
Test No.: 5
Lease Owner/Company Name: CONTINENTAL OIL COMPANY
Owner's District: KANSAS
Field Area: WILDCAT
County: COMANCHE
State: KANSAS

FORMATION TEST DATA

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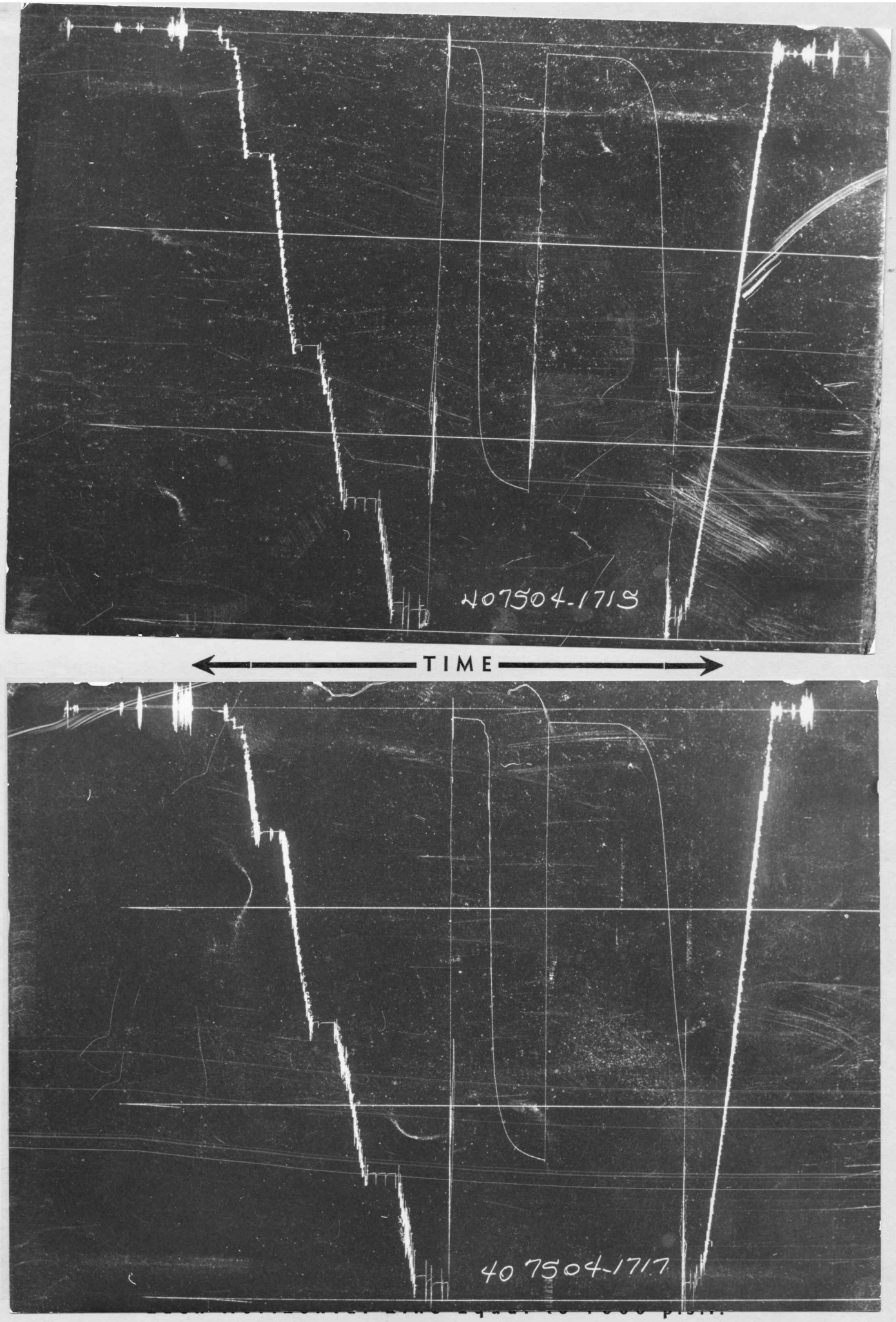
Gauge No.	1715	Depth	5724'.	Clock	12 hour	Ticket No.	407504

	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	30	.000		38	.000	51	.000		58
P_1	.0383	31	.0415		142	.1095	50	.0398		74
P_2	.0766	33	.0830		1402	.2190	53	.0796		97
P_3	.1149	36	.1245		2000	.3285	55	.1194		132
P_4	.1530	38	.1660		2125	.4380	58	.1592		189
P_5			.2075		2180			.1990		283
P_6			.2490		2207			.2388		486
P_7			.2905		2225			.2786		893
P_8			.3320		2238			.3184		1346
P_9			.3735		2248			.3582		1664
P_{10}			.4150		2256			.3980		1845

Gauge No.	1717	Depth	5749'	Clock	12 hour		
P_0	.000	42	.000	53	.000	71	.000	73
P_1	.0373	46	.0409	120	.421	73	.0398	90
P_2	.0746	50	.0818	1305			.0796	111
P_3	.1119	52	.1227	1947			.1194	144
P_4	.1490	53	.1636	2104			.1592	197
P_5			.2045	2180			.1990	291
P_6			.2454	2217			.2388	469
P_7			.2863	2239			.2786	869
P_8			.3272	2254			.3184	1320
P_9			.3681	2265			.3582	1666
P_{10}			.4090	2273			.3980	1860
Reading Interval	5		6		15		6	Minutes

REMARKS:

SPECIAL PRESSURE DATA


407504-1715
PRESSURE
TIME
407504-1717