Home Office: Wichita, Kansas 67201
P.O. Box 1599 (316) 262-5861

Company Petroleum, Inc. Lease & Well No. Canton "B"#3

Elevation 2030Derrick Floor Formation Mississippi Effective Pay ------ Ft. Ticket No. 5221

Date 3/6/80 Sec. 21 Twp. 30S Range 17W County Kiowa State Kansas

Test Approved by Robert Llamas Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 4815 ft. to 4860 ft. Total Depth 4860 ft.

Packer Depth 4810 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4815 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4820 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4823 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type drispac Viscosity 43 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 11.2 cc. Drill Pipe Length 4794 I. D. 4.0 in.

Chlorides 22,000 P.P.M. Test Tool Length 21 ft. Tool Size 3½ in.

Jars: Make - Serial Number - Anchor Length 45 ft. Size 4½ in.

Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ in.

Blow: Fair decreasing to weak.

Recovered 330 ft. of drilling mud -- oil spot in top of tool.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of Chlorides 32,000 ppm

Remarks: TOOL SLID TEN FEET TO BOTTOM

RECEIVED
MAR 19 1980
GREAT BEND
Division Office

Time Set Packer(s) 1:20 ~~A.M.~~ P.M. Time Started Off Bottom 5:20 ~~A.M.~~ P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure			(A) 2411	P.S.I.		
Initial Flow Period	Minutes 60	(B) 218	P.S.I. to	(C) 198	P.S.I.	
Initial Closed In Period	Minutes 57	(D) 272	P.S.I.			
Final Flow Period	Minutes 60	(E) 211	P.S.I. to	(F) 200	P.S.I.	
Final Closed In Period	Minutes 60	(G) 211	P.S.I.			
Final Hydrostatic Pressure	66	(H) 2404	P.S.I.			

WTC-

WESTERN TESTING CO., INC.
Pressure Data

Date 3/6/80 Test Ticket No. 5221

Recorder No. 11018 Capacity 4425 Location 4820 Ft.

Clock No. - Elevation 2030 Well Temperature 118 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2411	P.S.I.
B	First Initial Flow Pressure	218	P.S.I.
C	First Final Flow Pressure	198	P.S.I.
D	Initial Closed-in Pressure	272	P.S.I.
E	Second Initial Flow Pressure	211	P.S.I.
F	Second Final Flow Pressure	200	P.S.I.
G	Final Closed-in Pressure	211	P.S.I.
H	Final Hydrostatic Mud	2404	P.S.I.

	Time Given	Time Computed
Open Tool	1:20P M	
First Flow Pressure	60 Mins.	60 Mins.
Initial Closed-in Pressure	60 Mins.	57 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	60 Mins.	66 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	218
P 2 5	218
P 3 10	209
P 4 15	203
P 5 20	203
P 6 25	202
P 7 30	201
P 8 35	200
P 9 40	199
P10 45	198
P11 50	198
P12 55	198
P13 60	198
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

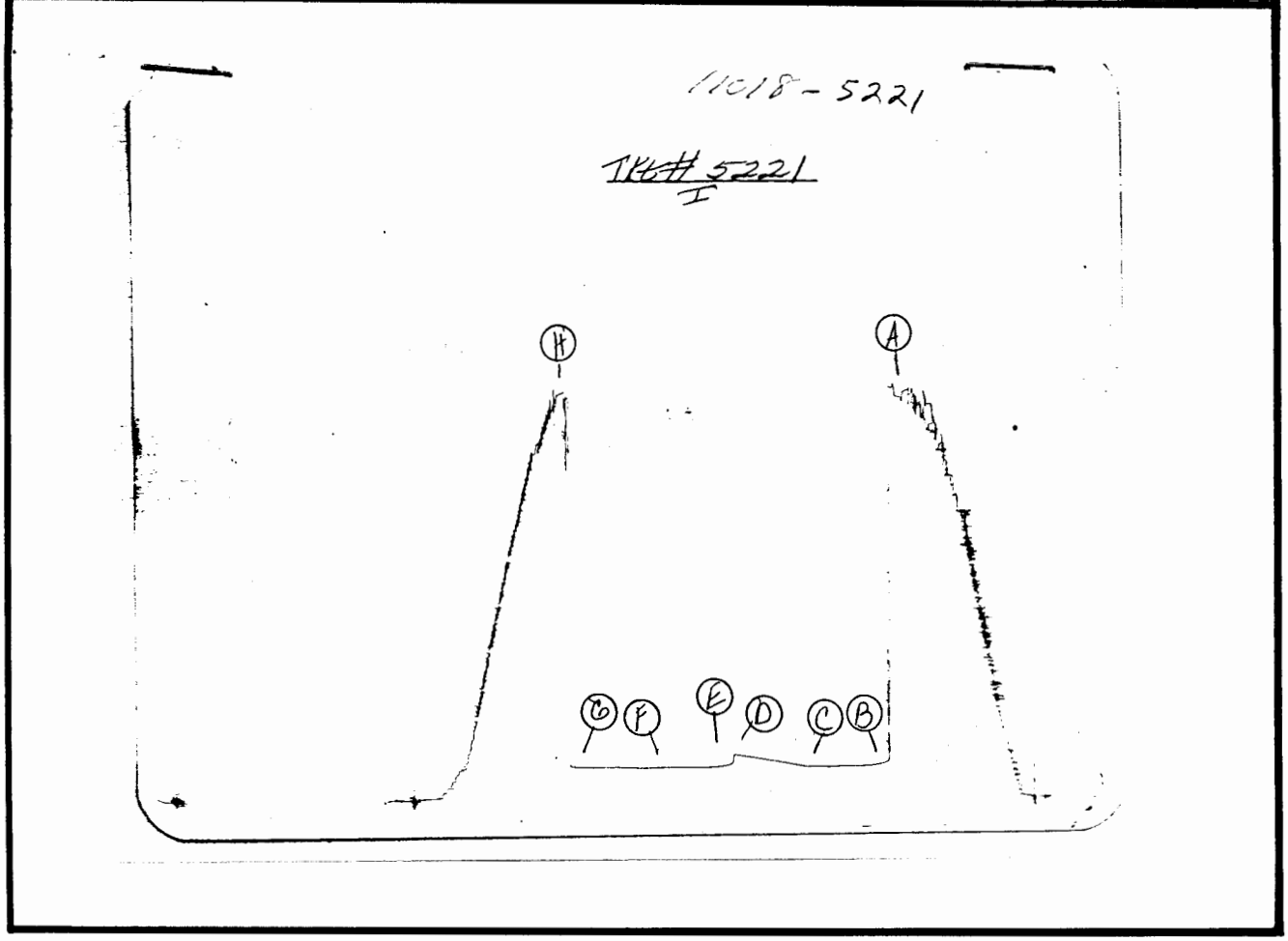
Point Minutes	Press.
0	198
3	204
6	209
9	213
12	217
15	222
18	226
21	230
24	234
27	238
30	242
33	246
36	250
39	254
42	258
45	262
48	265
51	267
54	269
57	271

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	211
5	211
10	203
15	200
20	200
25	200
30	200
35	200
40	200
45	200
50	200
55	200
60	200

Final Shut-In
Breakdown: 22 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	200
3	200
6	200
9	200
12	200
15	200
18	200
21	202
24	203
27	204
30	206
33	206
36	206
39	206
42	206
45	206
48	206
51	206
54	206
57	206
60	207
63	209
66	211



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2422	2411	PSI
(B)	First Initial Flow Pressure	211	218	PSI
(C)	First Final Flow Pressure	188	198	PSI
(D)	Initial Closed-in Pressure	255	272	PSI
(E)	Second Initial Flow Pressure	200	211	PSI
(F)	Second Final Flow Pressure	188	200	PSI
(G)	Final Closed-in Pressure	200	211	PSI
(H)	Final Hydrostatic Mud	2422	2404	PSI

COMPANY PETROLEUM, INC. LEASE AND WELL NO. CANTON "B" #3 SEC. 21 TWP. 30S RGE. 17W TEST NO. 1 DATE 3/6/80

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Petroleum, Inc. Lease & Well No. Canton "B"#3

Elevation 2032 Derrick Floor 2035 ~~Kelly Bushing~~ Formation Mississippi Effective Pay ----- Ft. Ticket No. 5222

Date 3/7/80 Sec. 21 Twp. 30S Range 17W County Kiowa State Kansas

Test Approved by Robert L. Llaymans Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4862 ft. to 4880 ft. Total Depth 4880 ft.

Packer Depth 4857 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4862 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4867 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4870 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type drispac Viscosity 47 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 4871 I. D. 4.0 in.

Chlorides 24,000 P.P.M. Test Tool Length 21 ft. Tool Size 3½ in.

Jars: Make - Serial Number - Anchor Length 18 ft. Size 4½ in.

Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½ in.

Blow: Strong. Gas to surface in eight minutes on second flow. See attached sheet for gas measurements.

Recovered 210 ft. of gas cut drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool slid ten feet to bottom. Chlorides 30,000 ppm

Time Set Packer(s) 10:00 A.M. ~~P.M.~~ Time Started Off Bottom 1:45 ~~A.M.~~ P.M. Maximum Temperature 114°

Initial Hydrostatic Pressure			(A)	2400	P.S.I.	
Initial Flow Period	Minutes	15	(B)	118	P.S.I. to (C)	106 P.S.I.
Initial Closed In Period	Minutes	30	(D)	922	P.S.I.	
Final Flow Period	Minutes	60	(E)	122	P.S.I. to (F)	153 P.S.I.
Final Closed In Period	Minutes	120	(G)	896	P.S.I.	
Final Hydrostatic Pressure			(H)	2389	P.S.I.	

RECEIVED
MAR 19 19[illegible]
GREAT [illegible]
[illegible]

WTC-

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

GAS FLOW REPORT

Date 3/7/80 Ticket 5222 Company Petroleum, Inc.

Well Name and No. Canton "B"#3 Dst No. 2 Interval Tested 4862'-4880'

County Kiowa State Kansas Sec. 21 Twp. 30S Rg. 17W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
SECOND FLOW						
GAS TO SURFACE IN EIGHT MINUTES.						
	10 min.	15 lbs.	1/8" orifice			12,100 CFPD
	15 min.	18 lbs.	1/8" orifice			13,500 CFPD
	20 min.	20 lbs.	1/8" orifice			14,600 CFPD
	25 min.	25 lbs.	1/8" orifice			16,900 CFPD
	30 min.	30 lbs.	1/8" orifice			19,000 CFPD
	35 min.	33 lbs.	1/8" orifice			20,300 CFPD
	40 min.	35 lbs.	1/8" orifice			21,200 CFPD
	45 min.	38 lbs.	1/8" orifice			22,500 CFPD
	50 min.	42 lbs.	1/8" orifice			24,200 CFPD
	55 min.	45 lbs.	1/8" orifice			25,400 CFPD
	60 min.	48 lbs.	1/8" orifice			26,800 CFPD

GAS BOTTLE

Serial No. ----- Date Bottle Filled ------ Date to be Invoiced 3/7/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Petroleum, Inc.

Authorized by Robert L. Llaymans

WESTERN TESTING CO., INC.
Pressure Data

Date 3/7/80 Test Ticket No. 5222

Recorder No. 11018 Capacity 4425 Location 4867 Ft.

Clock No. ----- Elevation 2032 Derrick Floor & 2035 Kelly Bushing Well Temperature 114 °F

Point		Pressure	
A	Initial Hydrostatic Mud	2400	P.S.I.
B	First Initial Flow Pressure	118	P.S.I.
C	First Final Flow Pressure	106	P.S.I.
D	Initial Closed-in Pressure	922	P.S.I.
E	Second Initial Flow Pressure	122	P.S.I.
F	Second Final Flow Pressure	153	P.S.I.
G	Final Closed-in Pressure	896	P.S.I.
H	Final Hydrostatic Mud	2389	P.S.I.

	Time Given	Time Computed
Open Tool	10:00A M	
First Flow Pressure	15 Mins.	15 Mins.
Initial Closed-in Pressure	30 Mins.	30 Mins.
Second Flow Pressure	60 Mins.	60 Mins.
Final Closed-in Pressure	120 Mins.	120 Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	118
P 2	5	104
P 3	10	104
P 4	15	106
P 5		
P 6		
P 7		
P 8		
P 9		
P10		
P11		
P12		
P13		
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	106
3	730
6	830
9	867
12	886
15	898
18	907
21	914
24	916
27	920
30	922

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	122
5	113
10	116
15	119
20	124
25	130
30	133
35	139
40	142
45	147
50	149
55	151
60	153

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	153
3	502
6	679
9	741
12	771
15	788
18	798
21	805
24	813
27	819
30	825
33	830
36	834
39	839
42	842
45	845
48	849
51	852
54	855
57	858
60	861

continued next page

WESTERN TESTING CO., INC.

Pressure Data

Date 3/7/80 Test Ticket No. 5222

Recorder No. 11018 Capacity 4425 Location 4867 Ft.

Clock No. ----- Elevation 2032 Derrick Floor & 2035 Kelly Bushing Well Temperature 114 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	2400 P.S.I.	Open Tool	10:00A M	
B	First Initial Flow Pressure	118 P.S.I.	First Flow Pressure	15 Mins.	15 Mins.
C	First Final Flow Pressure	106 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D	Initial Closed-in Pressure	922 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E	Second Initial Flow Pressure	122 P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins.
F	Second Final Flow Pressure	153 P.S.I.			
G	Final Closed-in Pressure	896 P.S.I.			
H	Final Hydrostatic Mud	2389 P.S.I.			

PRESSURE BREAKDOWN

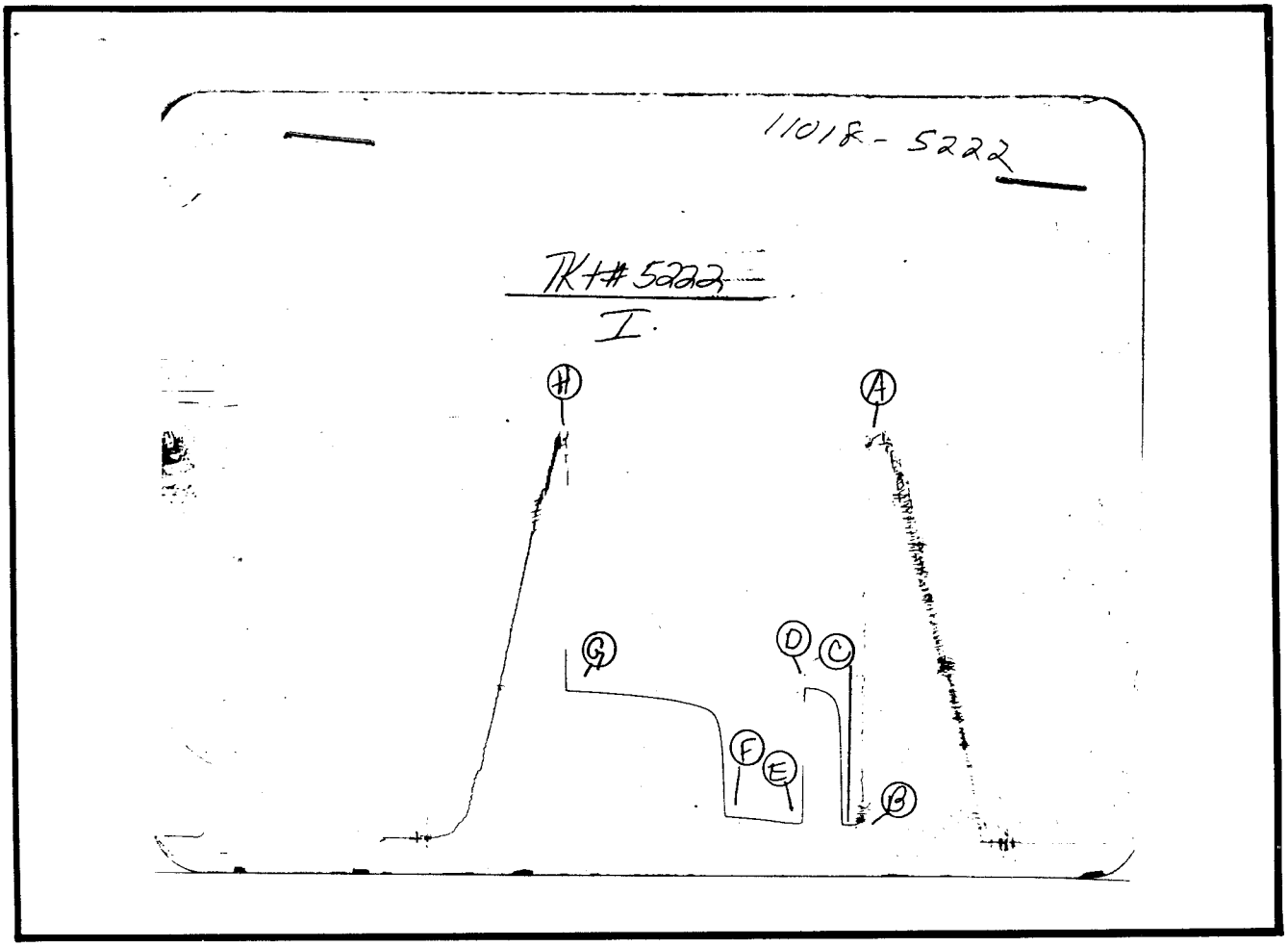
First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	864
P 2						66	866
P 3						69	867
P 4						72	871
P 5						75	874
P 6						78	876
P 7						81	878
P 8						84	879
P 9						87	881
P10						90	882
P11						93	884
P12						96	885
P13						99	887
P14						102	889
P15						105	891
P16						108	892
P17						111	893
P18						114	894
P19						117	895
P20						120	896



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2411	2400	PSI
(B)	First Initial Flow Pressure	111	118	PSI
(C)	First Final Flow Pressure	100	106	PSI
(D)	Initial Closed-in Pressure	920	922	PSI
(E)	Second Initial Flow Pressure	111	122	PSI
(F)	Second Final Flow Pressure	144	153	PSI
(G)	Final Closed-in Pressure	898	896	PSI
(H)	Final Hydrostatic Mud	2388	2389	PSI

COMPANY PETROLEUM, INC. LEASE AND WELL NO. CANTON "B" #3 SEC. 21 TWP. 30S RGE. 17W TEST NO. 2 DATE 3/7/80

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Petroleum, Inc. Lease & Well No. Canton "B"#3

Elevation 2035 Kelly Bushing Formation Mississippi Effective Pay ----- Ft. Ticket No. 5633

Date 3/8/80 Sec. 21 Twp. 30S Range 17W County Kiowa State Kansas

Test Approved by Ted Jochems, Jr. Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 4880 ft. to 4905 ft. Total Depth 4905 ft.

Packer Depth 4875 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4880 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4895 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4898 ft. Recorder Number 3351 Cap. 4000

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type drispac Viscosity 47 Weight Pipe Length 155 I. D. 2.7 in.

Weight 9.3 Water Loss 10.4 cc. Drill Pipe Length 4704 I. D. 3.8 in.

Chlorides 24,000 P.P.M. Test Tool Length 21 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 25 ft. Size 5½OD in.

Did Well Flow? Yes 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 4½FH in.

Blow: Strong blow throughout flow period. Gas to surface in fifty - four minutes on second flow. (Too small to measure)

Recovered 110 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

RECEIVED
MAR 19 1980
GREAT BEND

Time Set Packer(s) 3:00 A.M. ~~P.M.~~ Time Started Off Bottom 6:45 A.M. ~~P.M.~~ Maximum Temperature 122°

Initial Hydrostatic Pressure (A) 2447 P.S.I.

Initial Flow Period Minutes 15 (B) 79 P.S.I. to (C) 78 P.S.I.

Initial Closed In Period Minutes 30 (D) 668 P.S.I.

Final Flow Period Minutes 60 (E) 89 P.S.I. to (F) 83 P.S.I.

Final Closed In Period Minutes 120 (G) 954 P.S.I.

Final Hydrostatic Pressure (H) 2418 P.S.I.

WTC-

WESTERN TESTING CO., INC.
Pressure Data

Date 3/8/80 Test Ticket No. 5633

Recorder No. 2607 Capacity 4150 Location 4895 Ft.

Clock No. ---- Elevation 2035 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	2447 P.S.I.	Open Tool		3:00A M	
B	First Initial Flow Pressure	79 P.S.I.	First Flow Pressure		15 Mins.	15 Mins.
C	First Final Flow Pressure	78 P.S.I.	Initial Closed-in Pressure		30 Mins.	30 Mins.
D	Initial Closed-in Pressure	668 P.S.I.	Second Flow Pressure		60 Mins.	60 Mins.
E	Second Initial Flow Pressure	89 P.S.I.	Final Closed-in Pressure		120 Mins.	120 Mins.
F	Second Final Flow Pressure	83 P.S.I.				
G	Final Closed-in Pressure	954 P.S.I.				
H	Final Hydrostatic Mud	2418 P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Point Mins.	Press.
P 1 0	79
P 2 5	79
P 3 10	78
P 4 15	78
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	78
3	114
6	185
9	263
12	343
15	419
18	492
21	550
24	603
27	643
30	668

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	89
5	85
10	84
15	83
20	83
25	83
30	83
35	83
40	83
45	83
50	83
55	83
60	83

Final Shut-In
Breakdown: 40 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	83
3	307
6	481
9	612
12	698
15	760
18	804
21	837
24	862
27	881
30	896
33	903
36	910
39	917
42	923
45	930
48	933
51	936
54	939
57	941
60	943

WTC - 4

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WESTERN TESTING CO., INC.
Pressure Data

Date 3/8/80 Test Ticket No. 5633

Recorder No. 2607 Capacity 4150 Location 4895 Ft.

Clock No. ---- Elevation 2035 Kelly Bushing Well Temperature 122 °F

Point		Pressure		Time Given		Time Computed	
A	Initial Hydrostatic Mud	2447 P.S.I.	Open Tool	3:00A	M		
B	First Initial Flow Pressure	79 P.S.I.	First Flow Pressure	15	Mins.	15	Mins.
C	First Final Flow Pressure	78 P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	668 P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	89 P.S.I.	Final Closed-in Pressure	120	Mins.	120	Mins.
F	Second Final Flow Pressure	83 P.S.I.					
G	Final Closed-in Pressure	954 P.S.I.					
H	Final Hydrostatic Mud	2418 P.S.I.					

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Mins.	Press.
P 1	
P 2	
P 3	
P 4	
P 5	
P 6	
P 7	
P 8	
P 9	
P10	
P11	
P12	
P13	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

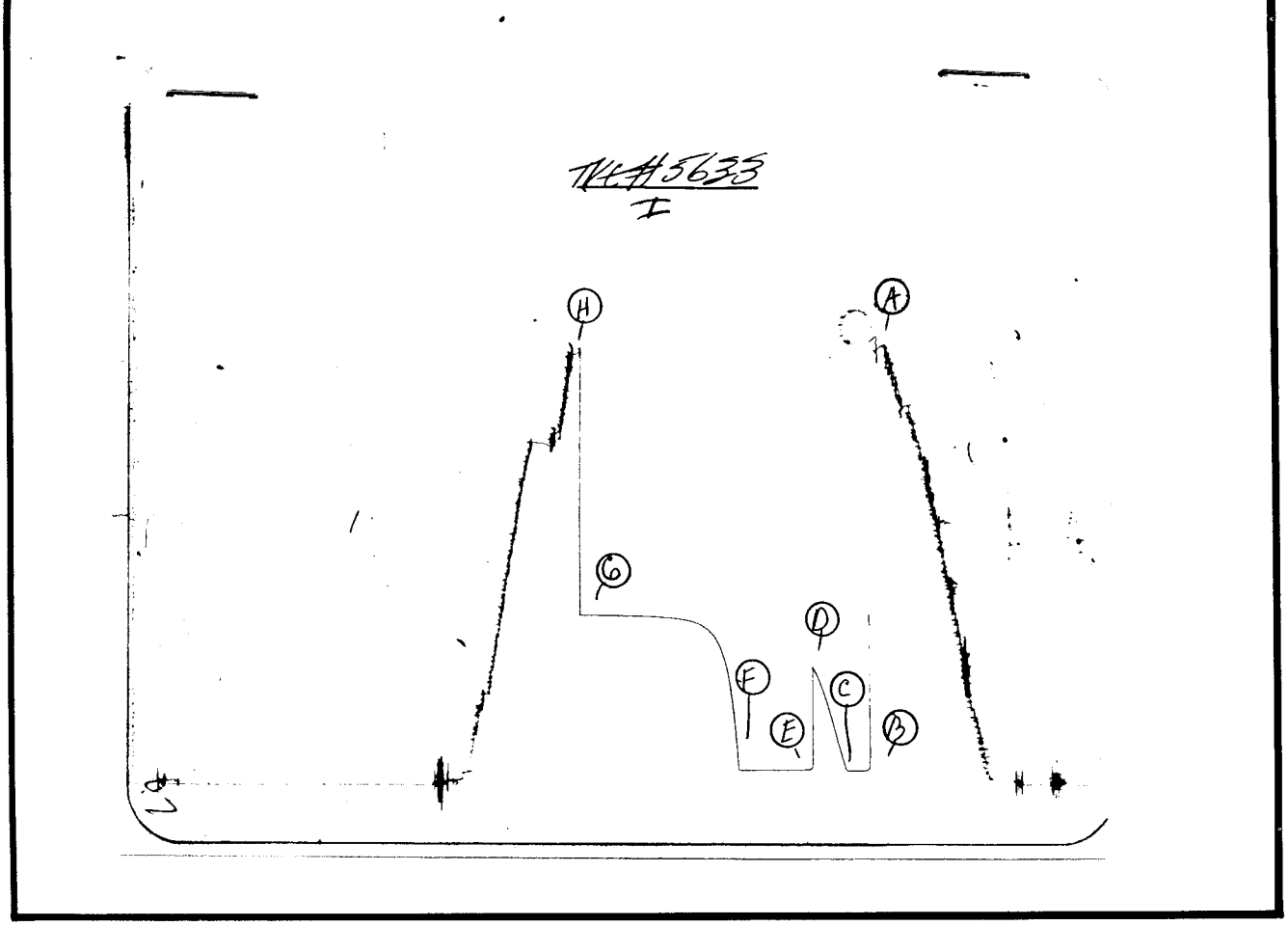
Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Point Minutes	Press.

Final Shut-In
Breakdown: 40 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Minutes	Press.
63	944
66	945
69	946
72	947
75	947
78	948
81	948
84	949
87	949
90	950
93	950
96	950
99	951
102	951
105	952
108	952
111	953
114	953
117	954
120	954

COMPANY PETROLEUM, INC. LEASE AND WELL NO. CANTON "B"#3 SEC. 21 TWP. 30S RGE. 17W TEST NO. 3 DATE 3/8/80



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2436	2447	PSI
(B)	First Initial Flow Pressure	63	79	PSI
(C)	First Final Flow Pressure	63	78	PSI
(D)	Initial Closed-in Pressure	643	668	PSI
(E)	Second Initial Flow Pressure	73	89	PSI
(F)	Second Final Flow Pressure	73	83	PSI
(G)	Final Closed-in Pressure	945	954	PSI
(H)	Final Hydrostatic Mud	2415	2418	PSI

WESTERN

Home Office: Wichita, Kansas 67201

P.O. Box 1599 (316) 262-5861

Company Petroleum, Inc. Lease & Well No. Canton "B"#3

Elevation 2035Kelly Bushing Formation Mississippi Effective Pay ----- Ft. Ticket No. 5677

Date 3/10/80 Sec. 21 Twp. 30S Range 17W County Kiowa State Kansas

Test Approved by Ted Jochems,Jr. Western Representative Dave Sloan

Formation Test No. 4 Interval Tested from 4894 ft. to 4955 ft. Total Depth 4955 ft.

Packer Depth 4889 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4894 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4913 ft. Recorder Number 2604 Cap. 4150

Bottom Recorder Depth (Outside) 4916 ft. Recorder Number 6246 Cap. 5200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #2 Drill Collar Length - I. D. - in.

Mud Type drisapc Viscosity 52 Weight Pipe Length 90 I. D. 3.2 in.

Weight 9.3 Water Loss - cc. Drill Pipe Length 4784 I. D. 3.8 in.

Chlorides - P.P.M. Test Tool Length 20 ft. Tool Size 5½OD in.

Jars: Make - Serial Number - Anchor Length 31 WP +30 ft. Size 5½OD 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 4½FH in.

Blow: Strong blow throughout both flow periods.

Recovered 90 ft. of slightly gas cut mud

Recovered ft. of Top Chlorides:22,000 ppm

Recovered ft. of Bottom Chlorids:24,000 ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:10 ~~P.M.~~ A.M. Time Started Off Bottom 6:55 ~~P.M.~~ A.M. Maximum Temperature 122°

Initial Hydrostatic Pressure		(A) 2413 P.S.I.		
Initial Flow Period	Minutes 15	(B) 66 P.S.I. to	(C) 48 P.S.I.	
Initial Closed In Period	Minutes 30	(D) 596 P.S.I.		
Final Flow Period	Minutes 60	(E) 76 P.S.I. to	(F) 69 P.S.I.	
Final Closed In Period	Minutes 123	(G) 814 P.S.I.		
Final Hydrostatic Pressure		(H) 2405 P.S.I.		

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WTC

WESTERN TESTING CO., INC.
Pressure Data

Date 3/10/80 Test Ticket No. 5677

Recorder No. 2604 Capacity 4150 Location 4913 Ft.

Clock No. ------ Elevation 2035 Kelly Bushing Well Temperature 122 °F

Point		Pressure			Time Given		Time Computed	
A	Initial Hydrostatic Mud	2413	P.S.I.	Open Tool	3:10A	M		
B	First Initial Flow Pressure	66	P.S.I.	First Flow Pressure	15	Mins.	15	Mins.
C	First Final Flow Pressure	48	P.S.I.	Initial Closed-in Pressure	30	Mins.	30	Mins.
D	Initial Closed-in Pressure	596	P.S.I.	Second Flow Pressure	60	Mins.	60	Mins.
E	Second Initial Flow Pressure	76	P.S.I.	Final Closed-in Pressure	120	Mins.	123	Mins.
F	Second Final Flow Pressure	69	P.S.I.					
G	Final Closed-in Pressure	814	P.S.I.					
H	Final Hydrostatic Mud	2405	P.S.I.					

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: 3 Inc.		Breakdown: 10 Inc.		Breakdown: 12 Inc.		Breakdown: 41 Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	66	0	48	0	76	0	69
P 2 5	55	3	76	5	70	3	85
P 3 10	48	6	123	10	64	6	117
P 4 15	48	9	179	15	64	9	159
P 5		12	241	20	64	12	197
P 6		15	313	25	64	15	237
P 7		18	382	30	64	18	275
P 8		21	445	35	64	21	311
P 9		24	500	40	67	24	341
P10		27	541	45	67	27	378
P11		30	596	50	67	30	414
P12				55	68	33	442
P13				60	69	36	470
P14						39	496
P15						42	517
P16						45	539
P17						48	554
P18						51	573
P19						54	598
P20						57	606
						60	631

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continued next page

WESTERN TESTING CO., INC.
Pressure Data

Date 3/10/80 Test Ticket No. 5677

Recorder No. 2604 Capacity 4150 Location 4913 Ft.

Clock No. ------ Elevation 2035 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given		Time Computed	
A Initial Hydrostatic Mud	2413	P.S.I.	Open Tool	3:10A M		
B First Initial Flow Pressure	66	P.S.I.	First Flow Pressure	15 Mins.	15	Mins.
C First Final Flow Pressure	48	P.S.I.	Initial Closed-in Pressure	30 Mins.	30	Mins.
D Initial Closed-in Pressure	596	P.S.I.	Second Flow Pressure	60 Mins.	60	Mins.
E Second Initial Flow Pressure	76	P.S.I.	Final Closed-in Pressure	120 Mins.	123	Mins.
F Second Final Flow Pressure	69	P.S.I.				
G Final Closed-in Pressure	814	P.S.I.				
H Final Hydrostatic Mud	2405	P.S.I.				

PRESSURE BREAKDOWN

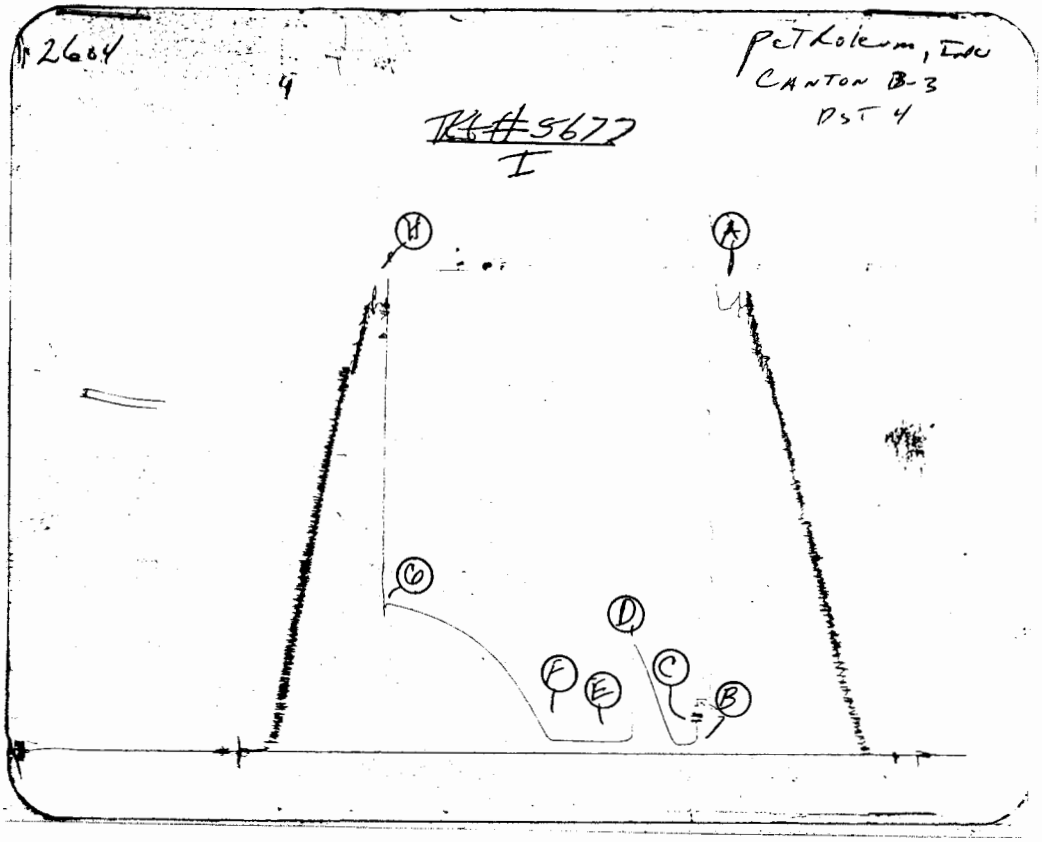
First Flow Pressure
Breakdown: 3 Inc. of 5 mins. and a final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc. of 3 mins. and a final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Final Shut-In
Breakdown: 41 Inc. of 3 mins. and a final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	651
P 2						66	665
P 3						69	677
P 4						72	690
P 5						75	699
P 6						78	709
P 7						81	719
P 8						84	729
P 9						87	739
P10						90	747
P11						93	755
P12						96	763
P13						99	771
P14						102	778
P15						105	784
P16						108	789
P17						111	794
P18						114	799
P19						117	804
P20						120	809
						123	814



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2400	2413	PSI
(B)	First Initial Flow Pressure	42	66	PSI
(C)	First Final Flow Pressure	42	48	PSI
(D)	Initial Closed-in Pressure	575	596	PSI
(E)	Second Initial Flow Pressure	63	76	PSI
(F)	Second Final Flow Pressure	63	69	PSI
(G)	Final Closed-in Pressure	805	814	PSI
(H)	Final Hydrostatic Mud	2390	2405	PSI

COMPANY PETROLEUM, INC. LEASE AND WELL NO. CANTON "B" #3 SEC. 21 TWP. 30S RGE. 17W TEST NO. 4 DATE 3/10/80